

Modero X G5 Wired Series	
Large Screens (20", 19")	106 – 109, 110 – 113
Medium Screens (10", 7")	114 – 117, 118 – 121
Modero X Wired Series	
Large Screens (20", 19")	122 – 125, 126 – 129
Medium Screens (10", 7")	130 – 133, 134 – 137
Small Screens (4.3")	138 – 139
Modero X Wired Series (no Camera, no Microphone)	
Large Screens (20", 19")	146 – 149, 150 – 153
Medium Screens (10", 7")	154 – 157, 158 – 161
Modero S Wired Series	
Medium Screens (10", 7")	140 – 141, 142 – 143
Small Screens (4.3")	144 – 145
Modero Wireless Series	
Smaller Screens (5.2")	162 – 165
Modero Wired - Wireless Series	
Medium Screens (9")	168 – 169
Remote Controls	166 – 167
Total Presentation Interfaces – Pro DVI	170 – 171
Virtual Touch Panels, Control Phone Interfaces	172, 173
EXPerience System	174 – 175

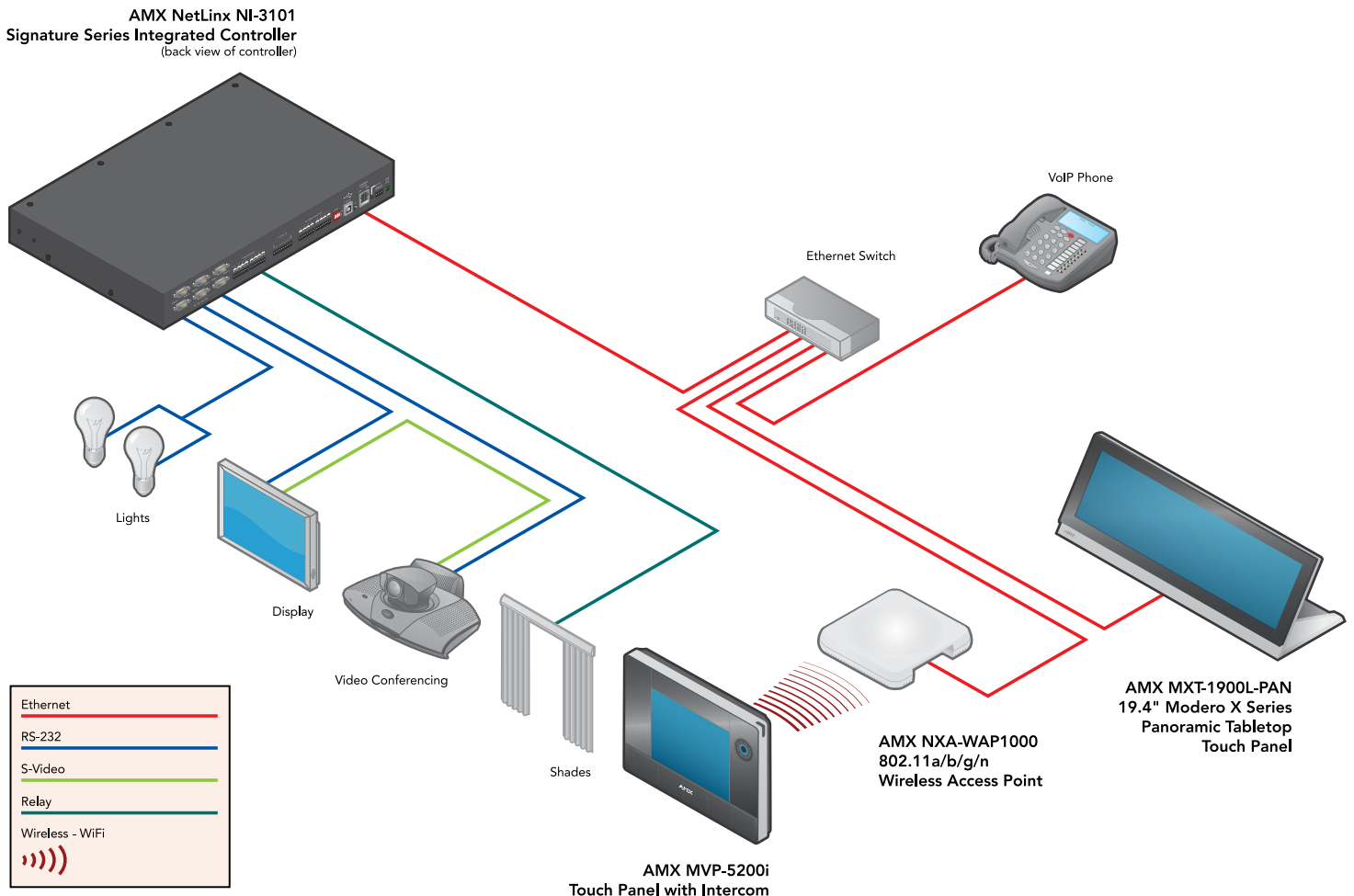
TOUCH PANELS

A WORLD OF CHOICES

Touch Panels are Where Commands Simply Start

AMX Modero® Touch Panels are an award-winning family consistently recognized throughout the industry as the most powerful and stylish user interfaces on the market. The Modero Touch Panel line includes a broad range of products to satisfy any environment and budget. They include state-of-the-art video capabilities offering bright, high contrast, high resolution color displays in a variety of sizes. These powerful products simplify the management of an endless number of devices from custom graphic user interfaces providing an elegant, easy to use central point of control. Our wireless touch panels give the

SYSTEM DIAGRAM



user the freedom to control systems from anywhere powered by innovative low-energy consuming batteries. In addition, a growing number of Modero touch panels are now intercom and telephone enabled (via VoIP) so the presenter can call a help desk at the push of a button – or a homeowner can answer the door or telephone from the anywhere in the house from the touch panel.

**Key Touch Panel Features**

For the latest in graphics, look no further than every AMX Touch Panel. Every Modero ships with a demo showing some of the graphic possibilities. You can also download the same file at <http://www.amx.com/ui>

MODERO® SERIES TOUCH PANELS

Touch Panels Specifications / Capabilities Comparison Chart

	MODEL	SOFTWARE		HARDWARE					MOUNTING OPTIONS				COMMUNICATION CAPABILITIES				
		Graphics Engine (OS)	Support for Android Apps	Processor	Memory	Casing Materials	Display Type	Side-Mounted Scheduling LEDs	Flush	Rack	Secure table	Glass/Multi-Surface	Multi Preview/Multi Preview Live Support	Streaming Video (M-JPEG, MPEG-2, MPEG-4)	720p HD Camera for video conferencing	Intercom/VoIP Telephone capability	USB for mice / keyboards
MODERO X with G5	MXT-2001-PAN	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS				*		*	*	*	*	*
	MXD-2001-PAN-L	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*	*			*	*	*	*	*
	MXD-2001-PAN-P	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*				*	*		*	*
	MXT-1901-PAN	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS				*		*	*	*	*	*
	MXD-1901-PAN-L	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*	*			*	*	*	*	*
	MXD-1901-PAN-P	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*				*	*		*	*
	MXT-1001	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS				*		*	*	*	*	*
	MXD-1001-L	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*	*			*	*	*	*	*
	MXD-1001-P	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*				*	*		*	*
	MXT-701	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS				*		*	*		*	*
	MXD-701-L	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*	*			*	*		*	*
MODERO S	MXD-701-P	G5	*	Quad-core	2GB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*				*	*		*	*
	MST-1001	G4		Single-core	512MB RAM	Ruggedized Polycarbonate	SmoothTouch™ resistive				*		*	*		*	*
	MSD-1001-L	G4		Single-core	512MB RAM	Ruggedized Polycarbonate	SmoothTouch resistive	*		*		*	*	*		*	*
	MST-701	G4		Single-core	512MB RAM	Ruggedized Polycarbonate	SmoothTouch resistive				*		*	*		*	*
	MSD-701-L	G4		Single-core	512MB RAM	Ruggedized Polycarbonate	SmoothTouch resistive	*		*		*	*	*		*	*
	MST-431	G4		Single-core	512MB RAM	Ruggedized Polycarbonate	SmoothTouch resistive				*			M-JPEG Only		*	*
MODERO X with G4	MSD-431-L	G4		Single-core	512MB RAM	Ruggedized Polycarbonate	SmoothTouch resistive	*				*		M-JPEG Only		*	*
	MXT-2000XL-PAN	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS				*		*	*	*	*	*
	MXD-2000XL-PAN-L	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*	*			*	*	*	*	*
	MXD-2000XL-PAN-P	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*				*	*		*	*
	MXT-1900L-PAN	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS				*		*	*	*	*	*
	MXD-1900L-PAN-L	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*	*			*	*	*	*	*
	MXD-1900L-PAN-P	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*				*	*		*	*
	MXT-1000	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS				*		*	*	*	*	*
	MXD-1000-L	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*	*			*	*	*	*	*
	MXD-1000-P	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*				*	*		*	*
	MXT-700	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS				*		*	*		*	*
	MXD-700-L	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*	*			*	*		*	*
	MXD-700-P	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS		*				*	*		*	*
	MXD-430	G4		Single-core	512MB RAM	Aluminum Unibody	Multitouch Capacitive w/ IPS	*	*				*	*		*	*

MODERO S SERIES TOUCH PANEL MOUNTING OPTIONS

MODERO X SERIES TOUCH PANEL MOUNTING OPTIONS

1920 x 800
panoramic screen
Resolution

MXT-2001-PAN

20.3" Modero X® Series G5 Panoramic Tabletop Touch Panel

(FG5968-35)



OVERVIEW

The most elegant interface designed specifically for dedicated room control has been significantly enhanced to include a new G5 Graphic Engine to provide even faster and smoother animations and transitions, and we quadrupled the processing power with a new Quad Core Processor. The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. It is hardware-ready for support of Near Field Communication™ (NFC) Technology to allow personalization of the user experience and productivity enhancing capabilities through integration with NFC capable personal devices. The distinctive, low-profile design is engineered to sit perfectly on a table without obstructing views. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-2001-PAN is ideal for boardrooms, conference rooms or auditoriums where a panoramic control surface is needed to provide access to multiple functions simultaneously while remaining elegantly unobtrusive. In residences, it is perfect for kitchens, home theaters or home offices where the panoramic control surface can be used to manage systems throughout the home.

FEATURES

- G5 Graphics Engine and Quad Core Processing – The most powerful processing in the industry delivers smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds for an experience any user will enjoy
- Latest Communication Technologies – HD video chat and conferencing using integrated camera (tabletop and landscape versions only) and supports Near Field Communication (NFC) – short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities



- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On
280kWh
ANNUAL ENERGY CONSUMPTION

Average Usage
40kWh
ANNUAL ENERGY CONSUMPTION

Sleep Mode
2kWh
ANNUAL ENERGY CONSUMPTION

Estimated Usage
42kWh
ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
85%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



G5 TECHNOLOGY

This product features AMX's exclusive, powerful G5 graphics engine, the most powerful processing in the industry delivering smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds enabling the user to browse the web, open multiple windows, maximize / minimize and layer windows, pinch, zoom and more.

SPECIFICATIONS

DIMENSIONS (HWD)

9 3/16" x 20 3/8" x 5 7/8" (235 mm x 519 mm x 150 mm)

WEIGHT

TBA

POWER CONSUMPTION

TBA

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): 20.4" x 9.5" (519 mm x 242 mm), 21.3" (541 mm) diagonal
- Viewable Area (WH): 18.7" x 7.8" (475 mm x 198 mm), 20.3" (514 mm) diagonal
- Resolution: 1920x800
- Aspect Ratio: 12:5
- Brightness: 250 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: ± 89°
- Horizontal: ± 89°

MEMORY

- SDRAM: 2 GB
- Flash: 8 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (3) USB host 2.0, Type A ports: Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera, USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)

- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode plus one encode
- Video Output: Camera video output: H.264, up to 720p@25 fps via Micro-USB port only (controlled by host device)
- Video Conferencing: Panel-to-panel and video chat

AUDIO

- Microphone: -42 dB ±3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with µLaw (VoIP encode/decode at 8 kHz)
- Audio Output: USB Audio out Micro-USB port only (controlled by host device)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)
- Intercom: Intercom: Full Duplex VoIP, SIP v2.0

GRAPHICS ENGINE

- AMX G5: G5 enhanced feature set supporting multi-touch and gestures, scrolling, transitions, applications - See TPD5 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-20	Secure Table Mount Kit, 20.3" Modero X Tabletop	(FG5968-64)
MXA-MP	Modero X Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-BT	Bluetooth USB Adapter for Modero X Series	(FG5968-19)
MXA-CLK	Modero X Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X Series Touch Panels	(FG5968-17)
MXA-UENET-PAN	Video Acceleration Cable for Modero X 19.4" and 20.3" Touch Panels	(FG5968-74)

1920 x 800, 800 x 1920
panoramic screen
Resolution

MXD-2001-PAN

20.3" Modero X® Series G5 Panoramic Wall Mount Touch Panel

Portrait Wall Mount Touch Panel (FG5968-36)

Landscape Wall Mount Touch Panel (FG5968-37)



OVERVIEW

The most elegant interface designed specifically for dedicated room control has been significantly enhanced to include a new G5 Graphic Engine to provide even faster and smoother animations and transitions, and we quadrupled the processing power with a new Quad Core Processor. The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. It is hardware-ready for support of Near Field Communication™ (NFC) Technology to allow personalization of the user experience and productivity enhancing capabilities through integration with NFC capable personal devices. The panoramic design offers the ability to perform multiple functions simultaneously. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-2001-PAN is ideal for boardrooms, conference rooms or auditoriums where a panoramic control surface is needed to provide access to multiple functions simultaneously while remaining elegantly unobtrusive. In residences, it is perfect for kitchens, home theaters or home offices where the panoramic control surface can be used to manage systems throughout the house.

FEATURES

- G5 Graphics Engine and Quad Core Processing – The most powerful processing in the industry delivers smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds for an experience any user will enjoy
- Latest Communication Technologies – HD video chat and conferencing using integrated camera (tabletop and landscape versions only) and supports Near Field Communication (NFC) – short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities



- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On **280kWh** or **40kWh** + **2kWh** = **42kWh**
ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
85%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



G5 TECHNOLOGY

This product features AMX's exclusive, powerful G5 graphics engine, the most powerful processing in the industry delivering smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds enabling the user to browse the web, open multiple windows, maximize / minimize and layer windows, pinch, zoom and more.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 9 1/2" x 20 3/8" x 11/16" (242 mm x 519 mm x 19 mm)

Portrait: 20 3/8" x 9 1/2" x 11/16" (519 mm x 242 mm x 19 mm)

WEIGHT

TBA

POWER CONSUMPTION

TBA

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH):
 - Landscape: 20.4" x 9.5" (519 mm x 242 mm), 21.3" (541 mm) diagonal
 - Portrait: 9.5" x 20.4" (242 mm x 519 mm), 21.3" (541 mm) diagonal
- Viewable Area (WH):
 - Landscape: 18.7" x 7.8" (475 mm x 198 mm), 20.3" (514 mm) diagonal
 - Portrait: 7.8" x 18.7" (198 mm x 475 mm), 20.3" (514 mm) diagonal
- Resolution:
 - Landscape: 1920x800
 - Portrait: 800x1920
- Aspect Ratio: Landscape: 12:5/Portrait: 5:12
- Brightness: 250 cd/m2
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 2 GB
- Flash: 8 GB
- Maximum Project Size: 4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP

• USB:

- (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
- (1) Micro-USB device port: video output from on-board camera (Landscape Touch Panel Only), USB audio from on-board microphone to host device

- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range = .25", max = .5"

• Bluetooth:

- Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs, Landscape Model (FG5968-11):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Codecs, Portrait Model (FG5968-05):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams:
 - Portrait: One decode
 - Landscape: One decode plus one encode



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-20	Flush Mount Kit, 20.3" Modero X Wall	(FG5968-68)
MXA-RMK-20	Rack Mount Kit for 20.3" Modero X Series Landscape Wall Mount Touch Panel	(FG5969-60)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
CB-MXP19/20	Rough-In Box, Modero X Series Touch Panel, Panoramic 19/20	(FG039-15)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET-PAN	Video Acceleration Cable for Modero X 19.4" and 20.3" Touch Panels	(FG5968-74)

1920 x 530
panoramic screen
Resolution

MXT-1901-PAN

19.4" Modero X® Series G5 Panoramic Tabletop Touch Panel

(FG5968-41)



OVERVIEW

The most elegant interface designed specifically for dedicated room control has been significantly enhanced to include a new G5 Graphic Engine to provide even faster and smoother animations and transitions, and we quadrupled the processing power with a new Quad Core Processor. The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. It is hardware-ready for support of Near Field Communication™ (NFC) Technology to allow personalization of the user experience and productivity enhancing capabilities through integration with NFC capable personal devices. The distinctive, low-profile design is engineered to sit perfectly on a table without obstructing views. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-1901-PAN is ideal for boardrooms, conference rooms or auditoriums where a panoramic control surface is needed to provide access to multiple functions simultaneously while remaining elegantly unobtrusive. In residences, it is perfect for kitchens, home theaters or home offices where the panoramic control surface can be used to manage systems throughout the house.

FEATURES

- G5 Graphics Engine and Quad Core Processing – The most powerful processing in the industry delivers smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds for an experience any user will enjoy
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- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On
280kWh
ANNUAL ENERGY CONSUMPTION

Average Usage
40kWh
ANNUAL ENERGY CONSUMPTION

Sleep Mode
2kWh
ANNUAL ENERGY CONSUMPTION

Estimated Usage
42kWh
ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
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ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



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TRAINING AVAILABLE

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G5 TECHNOLOGY

This product features AMX's exclusive, powerful G5 graphics engine, the most powerful processing in the industry delivering smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds enabling the user to browse the web, open multiple windows, maximize / minimize and layer windows, pinch, zoom and more.

SPECIFICATIONS

DIMENSIONS (HWD)

7" x 20 3/8" x 5 5/16" (177 mm x 519 mm x 135 mm)

WEIGHT

TBA

POWER CONSUMPTION

TBA

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type (WH): TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): Landscape 20.4" x 6.9" (519 mm x 175 mm), 20.4" (518 mm) diagonal
- Viewable Area: Landscape 18.7" x 5.9" (475 mm x 151 mm), 19.4" (493 mm) diagonal
- Resolution: 1920x530
- Aspect Ratio: Landscape 18:5
- Brightness: 350 cd/m2
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 2 GB
- Flash: 8 GB
- Maximum Project Size: 4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UDP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (3) USB host 2.0, Type A ports: Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera, USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"

Bluetooth:

- Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode plus one encode
- Video Output: Camera video output: H.264, up to 720p@25 fps via Micro-USB port only (controlled by host device)
- Video Conferencing: Panel-to-panel and video chat

AUDIO

- Microphone: -42 dB \pm 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (VoIP encode/decode at 8 kHz)
- Audio Output: USB Audio out USB port (head/hand set support)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)
- Intercom: Full Duplex VoIP, SIP v2.0

GRAPHICS ENGINE

- AMX G5: G5 enhanced feature set supporting multi-touch and gestures, scrolling, transitions, applications - See TPD5 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-19	Secure Table Mount Kit, 19.4" Modero X Tabletop	(FG5968-65)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET-PAN	Video Acceleration Cable for Modero X 19.4" and 20.3" Touch Panels	(FG5968-74)

1920 x 530, 530 x 1920
panoramic screen
Resolution

MXD-1901-PAN

19.4" Modero X® Series G5 Panoramic Wall/Flush Mount Touch Panel

Portrait Wall Mount Touch Panel (FG5968-42)

Landscape Wall Mount Touch Panel (FG5968-43)



OVERVIEW

The most elegant interface designed specifically for dedicated room control has been significantly enhanced to include a new G5 Graphic Engine to provide even faster and smoother animations and transitions, and we quadrupled the processing power with a new Quad Core Processor. The Modero X Series Touch Panels provide several industry firsts for control surfaces including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. It is hardware-ready for support of Near Field Communication™ (NFC) Technology to allow personalization of the user experience and productivity enhancing capabilities through integration with NFC capable personal devices. The panoramic design allows multiple functions simultaneously including digital signage. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-1901-PAN is ideal for boardrooms, conference rooms or auditoriums where a panoramic control surface is needed to provide access to multiple functions simultaneously while remaining elegantly unobtrusive. In residences, it is perfect for kitchens, home theaters or home offices where the panoramic control surface can be used to manage systems throughout the house.

FEATURES

- G5 Graphics Engine and Quad Core Processing – The most powerful processing in the industry delivers smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds for an experience any user will enjoy
- Latest Communication Technologies – HD video chat and conferencing using integrated camera (tabletop and landscape versions only) and supports Near Field Communication (NFC) – short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities



- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On	Average Usage	Sleep Mode	Estimated Usage
280kWh	or 40kWh	+ 2kWh	= 42kWh
<small>ANNUAL ENERGY CONSUMPTION</small>	<small>ANNUAL ENERGY CONSUMPTION</small>	<small>ANNUAL ENERGY CONSUMPTION</small>	<small>ANNUAL ENERGY CONSUMPTION</small>

AMX Energy Savings
85%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



G5 TECHNOLOGY

This product features AMX's exclusive, powerful G5 graphics engine, the most powerful processing in the industry delivering smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds enabling the user to browse the web, open multiple windows, maximize / minimize and layer windows, pinch, zoom and more.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 6 7/8" x 20 3/8" x 11/16" (175 mm x 519 mm x 19 mm)

Portrait: 20 3/8" x 6 7/8" x 11/16" (519 mm x 175 mm x 19 mm)

WEIGHT

TBA

POWER CONSUMPTION

TBA

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH)
 - Landscape: 20.4" x 6.9" (519 mm x 175 mm), 20.4" (518 mm) diagonal
 - Portrait: 6.9" x 20.4" (175 mm x 519 mm), 20.4" (518 mm) diagonal
- Viewable Area (WH)
 - Landscape: 18.7" x 5.9" (475 mm x 151 mm), 19.4" (493 mm) diagonal
 - Portrait: 5.9" x 18.7" (151 mm x 475 mm), 19.4" (493 mm) diagonal
- Resolution
 - Landscape: 1920x530
 - Portrait: 530x1920
- Aspect Ratio
 - Landscape: 18:5
 - Portrait: 5:18
- Brightness: 350 cd/m2
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 2 GB
- Flash: 8 GB
- Maximum Project Size: 4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP

• USB:

- (3) USB host 2.0, Type A ports: Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
- (1) Micro-USB device port: video output from on-board camera, USB audio from on-board microphone to host device

• Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"

• Bluetooth:

- Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

• Supported Video Codecs, Landscape Model (FG5968-43):

- MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
- MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
- MJPEG up to 720p at 25 fps (decode only)

• Supported Video Codecs, Portrait Model (FG5968-42):

- MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
- MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
- MJPEG up to 720p at 25 fps (decode only)

• Supported Video Transport Streams: MPEG-TS for MPEG2 and H.264; HTTP for MJPEG

• Max Number of Active Video Streams:

- Portrait: One decode
- Landscape: One decode plus one encode

• Video Conferencing, Landscape Model (FG5968-43): Panel-to-panel and video chat

• Video Conferencing, Portrait Model (FG5968-42): Panel-to-panel and video chat (portrait wall mount receives video and returns audio)



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-19	Flush Mount Kit, 19.4" Modero X Wall	(FG5968-69)
MXA-RMK-19	Rack Mount Kit for 19.4" Modero X Series Landscape Touch Panel	(FG5969-61)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
CB-MXP19/20	Rough-In Box, Modero X Series Touch Panel, Panoramic 19/20	(FG039-15)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET-PAN	Video Acceleration Cable for Modero X 19.4" and 20.3" Touch Panels	(FG5968-74)

MXT-1001

10.1" Modero X® Series G5 Tabletop Touch Panel

(FG5968-47)



OVERVIEW

The most elegant interface designed specifically for dedicated room control has been significantly enhanced to include a new G5 Graphic Engine to provide even faster and smoother animations and transitions, and we quadrupled the processing power with a new Quad Core Processor. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-1001 is ideal for boardrooms, conference rooms or auditoriums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, home theaters or home offices where it can be used to manage systems throughout the home.

FEATURES

- G5 Graphics Engine and Quad Core Processing – The most powerful processing in the industry delivers smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds for an experience any user will enjoy
- Latest Communication Technologies – Supports Near Field Communication™ (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities

1280 x 800
panoramic screen
Resolution



- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On
280kWh
ANNUAL ENERGY CONSUMPTION

Average Usage
40kWh
ANNUAL ENERGY CONSUMPTION

Sleep Mode
2kWh
ANNUAL ENERGY CONSUMPTION

Estimated Usage
42kWh
ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
85%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



COUNTRY OF ORIGIN: MEXICO

To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.



G5 TECHNOLOGY

This product features AMX's exclusive, powerful G5 graphics engine, the most powerful processing in the industry delivering smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds enabling the user to browse the web, open multiple windows, maximize / minimize and layer windows, pinch, zoom and more.

SPECIFICATIONS

DIMENSIONS (HWD)

6 7/8" x 9 7/8" x 4 7/8" (174 mm x 252 mm x 124 mm)

WEIGHT

TBA

POWER CONSUMPTION

TBA

- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): 9.9" x 6.7" (252 mm x 170 mm), 12.0" (304 mm) diagonal
- Viewable Area (WH): 8.5" x 5.3" (217mm x 136mm), 10.1" (257mm) diagonal
- Resolution (WH): 1280x800
- Aspect Ratio (WH): 16:9
- Brightness: 400 cd/m²
- Contrast Ratio: 700:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 2 GB
- Flash: 8 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera (landscape touch panel only), USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"

Bluetooth:

- Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode plus one encode
- Video Output: Camera video output: H.264, up to 720p@25 fps via Micro-USB port only (controlled by host device)
- Video Conferencing: Panel-to-panel and video chat

AUDIO

- Microphone: -42 dB \pm 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (VoIP encode/decode at 8 kHz)
- Audio Output: USB Audio out Micro-USB port only (controlled by host device)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)
- Intercom: Full Duplex VoIP, SIP v2.0

GRAPHICS ENGINE

- AMX G5: G5 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-10	Secure Table Mount Kit, 10.1" Modero X Tabletop	(FG5968-66)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET	Video Acceleration Cable for Modero X 10.1" and 7" Touch Panels	(FG5968-75)

MXD-1001

10.1" Modero X® Series G5 Wall Mount Touch Panel

Portrait Wall Mount Touch Panel (FG5968-48)

Landscape Wall Mount Touch Panel (FG5968-49)



OVERVIEW

The most elegant interface designed specifically for dedicated room control has been significantly enhanced to include a new G5 Graphic Engine to provide even faster and smoother animations and transitions, and we quadrupled the processing power with a new Quad Core Processor. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-1001 is ideal for boardrooms, conference rooms or auditoriums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, home theaters or home offices where it can be used to manage systems throughout the house.

FEATURES

- G5 Graphics Engine and Quad Core Processing – The most powerful processing in the industry delivers smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds for an experience any user will enjoy
- Latest Communication Technologies – Supports Near Field Communication™ (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities

1280 x 800, 800 x 1280
panoramic screen
Resolution



- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On **70kWh** or **10kWh** + **2kWh** = **12kWh**
ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
82%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



COUNTRY OF ORIGIN: MEXICO

To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.



G5 TECHNOLOGY

This product features AMX's exclusive, powerful G5 graphics engine, the most powerful processing in the industry delivering smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds enabling the user to browse the web, open multiple windows, maximize / minimize and layer windows, pinch, zoom and more.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 6 11/16" x 9 7/8" x 2 5/8" (171 mm x 252 mm x 67 mm)

Portrait: 9 7/8" x 6 11/16" x 2 5/8" (252 mm x 171 mm x 67 mm)

WEIGHT

TBA

POWER CONSUMPTION

TBA

- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH)
 - Landscape: 9.9" x 6.7" (252 mm x 170 mm), 12.0" (304 mm) diagonal
 - Portrait: 6.7" x 9.9" (170 mm x 252 mm), 12.0" (304 mm) diagonal
- Viewable Area (WH)
 - Landscape: 8.5" x 5.3" (217mm x 136mm), 10.1" (257mm) diagonal
 - Portrait: 5.3" x 8.5" (136 mm x 217 mm), 10.1" (257mm) diagonal
- Resolution:
 - Landscape: 1280x800
 - Portrait: 800x1280
- Aspect Ratio:
 - Landscape: 16:9
 - Portrait: 9:16
- Brightness: 400 cd/m2
- Contrast Ratio: 700:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 2 GB
- Flash: 8 GB
- Maximum Project Size: 4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera (landscape touch panel only), USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range = .25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
 - Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs, Landscape Model (FG5968-49):
 - MPEG-2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Codecs, Portrait Model (FG5968-48):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams:
 - Portrait: One decode
 - Landscape: One decode plus one encode



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-10	Flush Mount Kit, 10" Modero X Wall	(FG5968-70)
MXA-RMK-10	Rack Mount Kit for 10" Modero X Series Landscape Wall Mount Touch Panel	(FG5969-62)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MXP10	Rough-In Box and Cover Plate for the 10" Wall Mount Modero X Series Touch Panels	(FG039-17)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET	Video Acceleration Cable for Modero X 10.1" and 7" Touch Panels	(FG5968-75)

MXT-701

7" Modero X® Series G5 Tabletop Touch Panel

(FG5968-53)

1024 x 600
widescreen
Resolution



OVERVIEW

The most elegant interface designed specifically for dedicated room control has been significantly enhanced to include a new G5 Graphic Engine to provide even faster and smoother animations and transitions, and we quadrupled the processing power with a new Quad Core Processor. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-701 is ideal for boardrooms, conference rooms or podiums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, bedrooms or home offices where it can be used to manage systems throughout the home.

FEATURES

- G5 Graphics Engine and Quad Core Processing – The most powerful processing in the industry delivers smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds for an experience any user will enjoy
- Latest Communication Technologies – Supports Near Field Communication™ (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities



- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On **70kWh** or **10kWh** + **2kWh** = **12kWh**
ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
82%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: [youtube.com/amxtalk](https://www.youtube.com/playlist?list=PLA888888888888888) and for "how-to" videos, visit 'Videos By Category' at: [youtube.com/amxconfigure](https://www.youtube.com/playlist?list=PLA888888888888888).



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



G5 TECHNOLOGY

This product features AMX's exclusive, powerful G5 graphics engine, the most powerful processing in the industry delivering smooth gesturing, swiping, dynamic reordering, enhanced animation with transitions all at higher speeds enabling the user to browse the web, open multiple windows, maximize / minimize and layer windows, pinch, zoom and more.

SPECIFICATIONS

DIMENSIONS (HWD)

5" x 7 5/16" x 4 1/8" (126 mm x 187 mm x 105 mm)

WEIGHT

TBA

POWER CONSUMPTION

TBA

- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide Viewing Angle Technology
- Display Size (WH): Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal
- Viewable Area (WH): Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal
- Resolution (WH): Landscape: 1024x600
- Aspect Ratio (WH): Landscape: 16:9
- Brightness: 400 cd/m²
- Contrast Ratio: 800:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 2 MB
- Flash: 8 GB
- Maximum Project Size: 4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB: (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"

Bluetooth:

- Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode plus one encode
- Video Output: Camera video output: H.264, up to 720p@25 fps via Micro-USB port only (controlled by host device)
- Video Conferencing: Panel-to-panel and video chat

AUDIO

- Microphone: -42 dB \pm 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (VoIP encode/decode at 8 kHz)
- Audio Output: USB Audio out Micro-USB port only (controlled by host device)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)
- Intercom: Full Duplex VoIP, SIP v2.0

GRAPHICS ENGINE

- AMX G5: G5 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-07	Secure Table Mount Kit, 7" Modero X Tabletop	(FG5968-67)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET	Video Acceleration Cable for Modero X 10.1" and 7" Touch Panels	(FG5968-75)

MXD-701

7" Modero X® Series G5 Wall Mount Touch Panel

Portrait Wall Mount Touch Panel (FG5968-54)

Landscape Wall Mount Touch Panel (FG5968-55)



OVERVIEW

The most elegant interface designed specifically for dedicated room control has been significantly enhanced to include a new G5 Graphic Engine to provide even faster and smoother animations and transitions, and we quadrupled the processing power with a new Quad Core Processor. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-701 is ideal for boardrooms, conference rooms or podiums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, bedrooms or home offices where it can be used to manage systems throughout the home.

FEATURES

- G5 Graphics Engine and Quad Core Processing – The most powerful processing in the industry delivers smooth gesturing, animations and transitions all at higher speeds for an experience any user will enjoy
- Latest Communication Technologies – Supports Near Field Communication™ (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market

1024 x 600, 600 x 1024
widescreen
Resolution



All On **70kWh** or **10kWh** + **2kWh** = **12kWh**
ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
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HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAve's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 4 13/16" x 7 5/16" x 2 1/2" (122 mm x 186 mm x 63 mm)

Portrait: 7 5/16" x 4 13/16" x 2 1/2" (186 mm x 122 mm x 63 mm)

WEIGHT

TBA

POWER CONSUMPTION

TBA

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide Viewing Angle Technology
- Display Size (WH):
 - Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal
 - Portrait: 4.8" x 7.3" (122 mm x 186 mm), 8.8" (222 mm) diagonal
- Viewable Area (WH):
 - Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal
 - Portrait: 3.54" x 6.05" (90 mm x 154 mm), 7.0" (178 mm) diagonal
- Resolution:
 - Landscape: 1024x600
 - Portrait: 600x1024
- Aspect Ratio:
 - Landscape: 16:9
 - Portrait: 9:16
- Brightness: 400 cd/m2
- Contrast Ratio: 800:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 2 GB
- Flash: 8 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range = .25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
 - Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode

AUDIO

- Microphone: -42 dB \pm 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (VoIP encode/decode at 8 kHz)



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-07	Flush Mount Kit, 7" Modero X Wall	(FG5968-71)
MXA-RMK-07	Rack Mount Kit for 7" Modero X Series Landscape Wall Mount Touch Panel	(FG5969-63)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MXSA-07	Rough-In Box and Cover Plate for the 7" Wall Mount Modero X/S Series Touch Panels	(FG039-18)
CB-MXP7	Rough-In Box and Cover Plate for the 7" Wall Mount Modero X/S Series Touch Panels	(FG039-18)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET	Video Acceleration Cable for Modero X 10.1" and 7" Touch Panels	(FG5968-75)

MXT-2000XL-PAN

20.3" Modero X® Series Panoramic Tabletop Touch Panel

(FG5968-01)



REVIT
AUTODESK
BIM

G4

OVERVIEW

See more and do more with the most elegant interface designed specifically for dedicated room control. The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. It is hardware-ready for support of Near Field Communication™ (NFC) Technology to allow personalization of the user experience and productivity enhancing capabilities through integration with NFC capable personal devices. The distinctive, low-profile design is engineered to sit perfectly on a table without obstructing views. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-2000XL-PAN is ideal for boardrooms, conference rooms or auditoriums where a panoramic control surface is needed to provide access to multiple functions simultaneously while remaining elegantly unobtrusive. In residences, it is perfect for kitchens, home theaters or home offices where the panoramic control surface can be used to manage systems throughout the home.

FEATURES

- Panoramic Control Surface – Combined with the new PanTastic UI, the panoramic touch panels take the user experience to a whole new level with an impressive control surface to perform activities much in the same way you use a computer – multi-tasking with dedicated spaces
- Latest Communication Technologies – HD video chat and conferencing using integrated camera (tabletop and landscape versions only) and supports Near Field Communication (NFC) – short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming

1920 x 800
panoramic screen
Resolution



- Graphic Leaps & Bounds – The Modero X Series includes intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On

280kWh
ANNUAL ENERGY
CONSUMPTION

Average Usage

40kWh
ANNUAL ENERGY
CONSUMPTION

Sleep Mode

2kWh
ANNUAL ENERGY
CONSUMPTION

Estimated Usage

42kWh
ANNUAL ENERGY
CONSUMPTION

AMX Energy Savings

85%
ANNUAL ENERGY
SAVINGS USING RMS
& SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAve's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.

SPECIFICATIONS

DIMENSIONS (HWD)

9 3/16" x 20 3/8" x 5 7/8" (235 mm x 519 mm x 150 mm)

WEIGHT

12.2 lbs (5.53 Kg)

POWER CONSUMPTION

- Full-On: 32W (12 VDC, 2.7 A)
- Standby: 3.10 W (12 VDC, 0.3 A)
- Start-Up Inrush Current: 40 A for 80 μ sec

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): 20.4" x 9.5" (519 mm x 242 mm), 21.3" (541 mm) diagonal
- Viewable Area (WH): 18.7" x 7.8" (475 mm x 198 mm), 20.3" (514 mm) diagonal
- Resolution: 1920x800
- Aspect Ratio: 12:5
- Brightness: 250 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (3) USB host 2.0, Type A ports: Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera, USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"

Bluetooth:

- Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode plus one encode
- Video Output: Camera video output: H.264, up to 720p@25 fps via Micro-USB port only (controlled by host device)
- Video Conferencing: Panel-to-panel and video chat

AUDIO

- Microphone: -42 dB \pm 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (VoIP encode/decode at 8 kHz)
- Audio Output: USB Audio out Micro-USB port only (controlled by host device)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)
- Intercom: Full Duplex VoIP, SIP v2.0

GRAPHICS ENGINE

- AMX G4: G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-20	Secure Table Mount Kit, 20.3" Modero X Tabletop	(FG5968-64)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET-PAN	Video Acceleration Cable for Modero X 19.4" and 20.3" Touch Panels	(FG5968-74)

MXD-2000XL-PAN

20.3" Modero X® Series Wall Mount Touch Panel

Portrait Wall Mount Touch Panel (FG5968-05)

Landscape Wall Mount Touch Panel (FG5968-11)



OVERVIEW

See more and do more with the most elegant interface designed specifically for dedicated room control. The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. It is hardware-ready for support of Near Field Communication™ (NFC) Technology to allow personalization of the user experience and productivity enhancing capabilities through integration with NFC capable personal devices. The panoramic design offers the ability to perform multiple functions simultaneously. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-2000XL-PAN is ideal for boardrooms, conference rooms or auditoriums where a panoramic control surface is needed to provide access to multiple functions simultaneously while remaining elegantly unobtrusive. In residences, it is perfect for kitchens, home theaters or home offices where the panoramic control surface can be used to manage systems throughout the house.

FEATURES

- **Panoramic Control Surface** – Combined with the new PanTastic UI, the panoramic touch panels take the user experience to a whole new level with an impressive control surface to perform activities much in the same way you use a computer – multi-tasking with dedicated spaces
- **Latest Communication Technologies** – HD video chat and conferencing using integrated camera (tabletop and landscape versions only) and supports Near Field Communication (NFC) – short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- **Enhanced Usability** – External phone connections via Bluetooth or USB and HD video streaming

1920 x 800, 800 x 1920
panoramic screen
Resolution



- **Graphic Leaps & Bounds** – The Modero X Series includes intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- **Perfect From Any Angle** – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market
- **Available Rack Mounting Kit** – As an option, you can mount the 20.3" Modero X Series Panoramic Landscape Wall/Flush Mount Touch Panel directly to an equipment rack using the MXA-RMK-20 Modero X Series Rack Mount Kit (FG5969-60). The Kit includes a rack mount frame, screws and washers



All On	Average Usage	Sleep Mode	Estimated Usage
280 kWh	40 kWh	2 kWh	42 kWh
ANNUAL ENERGY CONSUMPTION	ANNUAL ENERGY CONSUMPTION	ANNUAL ENERGY CONSUMPTION	ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
85%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

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AWARD WINNER

- Winner of rAVE's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: AMX's Modero X Series Touch Panels
- Winner of Commercial Integrator's BEST Awards - Touchscreens: Modero X Series Touch Panel (20.3")

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 9 1/2" x 20 3/8" x 11/16" (242 mm x 519 mm x 19 mm)

Portrait: 20 3/8" x 9 1/2" x 11/16" (519 mm x 242 mm x 19 mm)

WEIGHT

9.1 lbs (4.13 Kg)

POWER CONSUMPTION

- Full-On: 32W (12 VDC, 2.7 A)
- Standby: 3.10 W (12 VDC, 0.3 A)
- Start-Up Inrush Current: 40 A for 80 μ sec

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH)
 - Landscape: 20.4" x 9.5" (519 mm x 242 mm), 21.3" (541 mm) diagonal
 - Portrait: 9.5" x 20.4" (242 mm x 519 mm), 21.3" (541 mm) diagonal
- Viewable Area (WH)
 - Landscape 18.7" x 7.8" (475 mm x 198 mm), 20.3" (514 mm) diagonal
 - Portrait 7.8" x 18.7" (198 mm x 475 mm), 20.3" (514 mm) diagonal
- Resolution
 - Landscape: 1920x800
 - Portrait: 800x1920
- Aspect Ratio
 - Landscape: 12:5
 - Portrait: 5:12
- Brightness: 250 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera (Landscape Touch Panel Only), USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
 - Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs, Landscape Model (FG5968-11):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Codecs, Portrait Model (FG5968-05):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams:
 - Portrait: One decode
 - Landscape: One decode plus one encode
- Video Conferencing, Landscape Model (FG5968-11): Panel-to-panel and video chat



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-RMK-20	Rack Mount Kit for 20.3" Modero X Series Landscape Touch Panel	(FG5969-60)
MXA-FMK-20	Flush Mount Kit for 20.3" Modero X Series Wall Mount Touch Panels	(FG5968-68)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
CB-MXP19/20	Rough-In Box and Cover Plate, Modero X Series Touch Panel, Panoramic 19/20	(FG039-15)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET-PAN	Video Acceleration Cable for Modero X 19.4" and 20.3" Touch Panels	(FG5968-74)

1920 x 530
panoramic screen
Resolution

MXT-1900L-PAN

19.4" Modero X® Series Panoramic Tabletop Touch Panel

(FG5968-02)



OVERVIEW

See more and do more with the most elegant interface designed specifically for dedicated room control. The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. It is hardware-ready for support of Near Field Communication™ (NFC) Technology to allow personalization of the user experience and productivity enhancing capabilities through integration with NFC capable personal devices. The distinctive, low-profile design is engineered to sit perfectly on a table without obstructing views. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-1900L-PAN is ideal for boardrooms, conference rooms or auditoriums where a panoramic control surface is needed to provide access to multiple functions simultaneously while remaining elegantly unobtrusive. In residences, it is perfect for kitchens, home theaters or home offices where the panoramic control surface can be used to manage systems throughout the house.

FEATURES

- **Panoramic Control Surface** – Combined with the new PanTastic UI, the panoramic touch panels take the user experience to a whole new level with an impressive control surface to perform activities much in the same way you use a computer – multi-tasking with dedicated spaces
- **Latest Communication Technologies** – HD video chat and conferencing using integrated camera (tabletop and landscape versions only) and supports Near Field Communication (NFC) – short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- **Enhanced Usability** – External phone connections via Bluetooth or USB and HD video streaming

- **Graphic Leaps & Bounds** – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- **Perfect From Any Angle** – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On	Average Usage	Sleep Mode	Estimated Usage
280 kWh	40 kWh	2 kWh	42 kWh
<small>ANNUAL ENERGY CONSUMPTION</small>	<small>ANNUAL ENERGY CONSUMPTION</small>	<small>ANNUAL ENERGY CONSUMPTION</small>	<small>ANNUAL ENERGY CONSUMPTION</small>

AMX Energy Savings
85%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: [youtube.com/amxtalk](https://www.youtube.com/amxtalk) and for "how-to" videos, visit 'Videos By Category' at: [youtube.com/amxconfigure](https://www.youtube.com/amxconfigure).



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



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• Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.

SPECIFICATIONS

DIMENSIONS (HWD)

7" x 20 3/8" x 5 5/16" (177 mm x 519 mm x 135 mm)

WEIGHT

9.4 lbs (4.26 Kg)

POWER CONSUMPTION

- Full-On: 32W (12 VDC, 2.7 A)
- Standby: 3.10 W (12 VDC, 0.3 A)
- Start-Up Inrush Current: 40 A for 80 µsec

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): Landscape 20.4" x 6.9" (519 mm x 175 mm), 20.4" (518 mm) diagonal
- Viewable Area (WH): Landscape 18.7" x 5.9" (475 mm x 151 mm), 19.4" (493 mm) diagonal
- Resolution: Landscape 1920x530
- Aspect Ratio: Landscape 18:5
- Brightness: 350 cd/m2
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: ± 89°
- Horizontal: ± 89°

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (3) USB host 2.0, Type A ports: Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera, USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"

Bluetooth:

- Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode plus one encode
- Video Output: Camera video output: H.264, up to 720p@25 fps via Micro-USB port only (controlled by host device)
- Video Conferencing: Panel-to-panel and video chat

AUDIO

- Microphone: -42 dB ± 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with µLaw (VoIP encode/decode at 8 kHz)
- Audio Output: USB Audio out USB port (head/hand set support)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)
- Intercom: Full Duplex VoIP, SIP v2.0

GRAPHICS ENGINE

- AMX G4: G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-19	Secure Table Mount Kit, 19.4" Modero X Tabletop	(FG5968-65)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET-PAN	Video Acceleration Cable for Modero X 19.4" and 20.3" Touch Panels	(FG5968-74)

MXD-1900L-PAN

19.4" Modero X® Series Wall Mount Touch Panel

Portrait Wall Mount Touch Panel (FG5968-06)

Landscape Wall Mount Touch Panel (FG5968-12)



1920 x 530, 530 x 1920
panoramic screen
Resolution

OVERVIEW

See more and do more with the most elegant interface designed specifically for dedicated room control. The Modero X Series Touch Panels provide several industry firsts for control surfaces including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. It is hardware-ready for support of Near Field Communication™ (NFC) Technology to allow personalization of the user experience and productivity enhancing capabilities through integration with NFC capable personal devices. The panoramic design allows multiple functions simultaneously including digital signage. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-1900L-PAN is ideal for boardrooms, conference rooms or auditoriums where a panoramic control surface is needed to provide access to multiple functions simultaneously while remaining elegantly unobtrusive. In residences, it is perfect for kitchens, home theaters or home offices where the panoramic control surface can be used to manage systems throughout the house.

FEATURES

- **Panoramic Control Surface** – Combined with the new PanTastic UI, the panoramic touch panels take the user experience to a whole new level with an impressive control surface to perform activities much in the same way you use a computer – multi-tasking with dedicated spaces
- **Latest Communication Technologies** – HD video chat and conferencing using integrated camera (tabletop and landscape versions only) and supports Near Field Communication (NFC) – short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- **Enhanced Usability** – External phone connections via Bluetooth or USB and HD video streaming

- **Graphic Leaps & Bounds** – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- **Perfect From Any Angle** – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market
- **Available Rack Mounting Kit** – As an option, you can mount the 19.4" Modero X Series Panoramic Landscape Wall/Flush Mount Touch Panel directly to an equipment rack using the MXA-RMK-19 Modero X Series Rack Mount Kit (FG5969-61). The Kit includes a rack mount frame, screws and washers



All On	Average Usage	Sleep Mode	Estimated Usage
280 kWh	40 kWh	2 kWh	42 kWh
ANNUAL ENERGY CONSUMPTION	ANNUAL ENERGY CONSUMPTION	ANNUAL ENERGY CONSUMPTION	ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
85%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



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TRAINING AVAILABLE

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- Winner of rAve's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 6 7/8" x 20 3/8" x 11/16" (175 mm x 519 mm x 19 mm)

Portrait: 20 3/8" x 6 7/8" x 11/16" (519 mm x 175 mm x 19 mm)

WEIGHT

7.0 lbs (3.18 Kg)

POWER CONSUMPTION

- Full-On: 32W (12 VDC, 2.7 A)
- Standby: 3.10 W (12 VDC, 0.3 A)
- Start-Up Inrush Current: 40 A for 80 μ sec

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH)
 - Landscape: 20.4" x 6.9" (519 mm x 175 mm), 20.4" (518 mm) diagonal
 - Portrait: 6.9" x 20.4" (175 mm x 519 mm), 20.4" (518 mm) diagonal
- Viewable Area (WH)
 - Landscape: 18.7" x 5.9" (475 mm x 151 mm), 19.4" (493 mm) diagonal
 - Portrait: 5.9" x 18.7" (151 mm x 475 mm), 19.4" (493 mm) diagonal
- Resolution
 - Landscape: 1920x530
 - Portrait: 530x1920
- Aspect Ratio
 - Landscape: 18:5
 - Portrait: 5:18
- Brightness: 350 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera (Landscape Touch Panel Only), USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
 - Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs, Landscape Model (FG5968-12):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Codecs, Portrait Model (FG5968-06):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams:
 - Portrait: One decode
 - Landscape: One decode plus one encode
- Video Conferencing, Landscape Model (FG5968-12): Panel-to-panel and video chat



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-19	Flush Mount Kit, 19.4" Modero X Wall	(FG5968-69)
MXA-RMK-19	Rack Mount Kit for 19.4" Modero X Series Landscape Touch Panel	(FG5969-61)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
CB-MXP19/20	Rough-In Box, Modero X Series Touch Panel, Panoramic 19/20	(FG039-15)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET-PAN	Video Acceleration Cable for Modero X 19.4" and 20.3" Touch Panels	(FG5968-74)

MXT-1000

10.1" Modero X® Series Tabletop Touch Panel

(FG5968-03)

1280 x 800
widescreen
Resolution



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-1000 is ideal for boardrooms, conference rooms or auditoriums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, home theaters or home offices where it can be used to manage systems throughout the home.

FEATURES

- Latest Communication Technologies – Supports Near Field Communication (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On
70kWh
ANNUAL ENERGY CONSUMPTION

Average Usage
or 10kWh
ANNUAL ENERGY CONSUMPTION

Sleep Mode
+ 2kWh
ANNUAL ENERGY CONSUMPTION

Estimated Usage
= 12kWh
ANNUAL ENERGY CONSUMPTION

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82%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



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D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.

SPECIFICATIONS

DIMENSIONS (HWD)

6 7/8" x 9 7/8" x 4 7/8" (174 mm x 252 mm x 124 mm)

WEIGHT

3.0 lbs (1.36 Kg)

POWER CONSUMPTION

- Full-On: 8 W
- Standby: 3.2 W
- Shutdown: 1 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): 9.9" x 6.7" (252 mm x 170 mm), 12.0" (304 mm) diagonal
- Viewable Area (WH): 8.5" x 5.3" (217mm x 136mm), 10.1" (257mm) diagonal
- Resolution (WH): 1280x800
- Aspect Ratio (WH): 16:9
- Brightness: 400 cd/m2
- Contrast Ratio: 700:1
- Color Depth: 264K colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera (landscape touch panel only), USB audio from on-board microphone to host device

• Bluetooth:

- Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
- Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

• Supported Video Codecs:

- MPEG-2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
- MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
- MJPEG up to 720p at 25 fps (decode only)

• Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG

• Max Number of Active Video Streams: One decode plus one encode

• Video Output: Camera video output: H.264, up to 720p@25 fps via Micro-USB port only (controlled by host device)

• Video Conferencing: Panel-to-panel and video chat

AUDIO

• Microphone: -42 dB \pm 3 dB sensitivity FET microphone

• Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency

• Supported Audio Codecs:

- MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
- AAC-LC (8 kHz, 96 kHz)
- G.711 with μ Law (VoIP encode/decode at 8 kHz)

• Audio Output: USB Audio out USB port (head/hand set support)

• File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)

• Intercom: Full Duplex VoIP, SIP v2.0

GRAPHICS ENGINE

- AMX G4: G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-10	Secure Table Mount Kit, 10.1" Modero X Tabletop	(FG5968-66)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET	Video Acceleration Cable for Modero X 10.1" and 7" Touch Panels	(FG5968-75)

MXD-1000

10.1" Modero X® Series Wall Mount Touch Panel

Portrait Wall Mount Touch Panel (FG5968-07)

Landscape Wall Mount Touch Panel (FG5968-13)



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-1000 is ideal for boardrooms, conference rooms or auditoriums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, home theaters or home offices where it can be used to manage systems throughout the house.

FEATURES

- Latest Communication Technologies – Supports Near Field Communication (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



1280 x 800, 800 x 1280
widescreen
Resolution



All On **70kWh** or **10kWh** + **2kWh** = **12kWh**
ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
82%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAve's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 6 11/16" x 9 7/8" x 2 5/8" (171 mm x 252 mm x 67 mm)

Portrait: 9 7/8" x 6 11/16" x 2 5/8" (252 mm x 171 mm x 67 mm)

WEIGHT

2.0 lbs (0.91 Kg)

POWER CONSUMPTION

- Full-On: 8 W
- Standby: 3.2 W
- Shutdown: 1 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH)
 - Landscape: 9.9" x 6.7" (252 mm x 170 mm), 12.0" (304 mm) diagonal
 - Portrait: 6.7" x 9.9" (170 mm x 252 mm), 12.0" (304 mm) diagonal
- Viewable Area (WH)
 - Landscape: 8.5" x 5.3" (217 mm x 136 mm), 10.1" (257 mm) diagonal
 - Portrait: 5.3" x 8.5" (136 mm x 217 mm), 10.1" (257 mm) diagonal
- Resolution
 - Landscape: 1280x800
 - Portrait: 800x1280
- Aspect Ratio
 - Landscape: 16:9
 - Portrait: 9:16
- Brightness: 400 cd/m²
- Contrast Ratio: 700:1
- Color Depth: 264K colors
- Illumination: LED

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: video output from on-board camera (landscape touch panel only), USB audio from on-board microphone to host device
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range = .25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
 - Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs, Landscape Model (FG5968-13):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Codecs, Portrait Model (FG5968-07):
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams:
 - Portrait: One decode
 - Landscape: One decode plus one encode



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-10	Flush Mount Kit, 10" Modero X Wall Mount	(FG5968-70)
MXA-RMK-10	Rack Mount Kit for 10" Modero X Series Landscape Wall Mount Touch Panel	(FG5969-62)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MXP10	Rough-In Box and Cover Plate for the 10" Wall Mount Modero X Series Touch Panels	(FG039-17)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET	Video Acceleration Cable for Modero X 10.1" and 7" Touch Panels	(FG5968-75)

1024 x 600
widescreen
Resolution

MXT-700

7" Modero X® Series Tabletop Touch Panel

(FG5968-04)



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-700 is ideal for boardrooms, conference rooms or podiums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, bedrooms or home offices where it can be used to manage systems throughout the home.

FEATURES

- Latest Communication Technologies – Supports Near Field Communication (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On
70kWh
ANNUAL ENERGY CONSUMPTION

Average Usage
or 10kWh
ANNUAL ENERGY CONSUMPTION

Sleep Mode
+ 2kWh
ANNUAL ENERGY CONSUMPTION

Estimated Usage
= 12kWh
ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
82%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAve's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.

SPECIFICATIONS

DIMENSIONS (HWD)

5" x 7 5/16" x 4 1/8" (126 mm x 187 mm x 105 mm)

WEIGHT

1.8 lbs (0.82 Kg)

POWER CONSUMPTION

- Full-On: 8 W
- Standby: 3.2 W
- Shutdown: 1 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide Viewing Angle Technology
- Display Size (WH): Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal
- Viewable Area (WH): Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal
- Resolution (WH): Landscape: 1024x600
- Aspect Ratio (WH): Landscape: 16:9
- Brightness: 400 cd/m2
- Contrast Ratio: 800:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB: (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets

- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
 - Handset: Hands Free Profile v1.2, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams: One decode

AUDIO

- Microphone: -42 dB \pm 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (VoIP encode/decode at 8 kHz)
- Audio Output: USB Audio out USB port (head/hand set support)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)
- Intercom: Full Duplex VoIP, SIP v2.0

EMBEDDED APPLICATIONS

- Remote Management: VNC Server, G4 Web Control, AMX Resource Management Suite
- Video Conferencing: Panel-to-panel and video chat (the MXT-700 receives video and returns audio)
- Audio Conferencing: Audio (Full Duplex Intercom)



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-07	Secure Table Mount Kit, 7" Modero X Tabletop	(FG5968-67)
MXA-MP	Modero X Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET	Video Acceleration Cable for Modero X 10.1" and 7" Touch Panels	(FG5968-75)

1024 x 600, 600 x 1024
widescreen
Resolution

MXD-700

7" Modero X® Series Wall Mount Touch Panel

Portrait Wall Mount Touch Panel (FG5968-08)

Landscape Wall Mount Touch Panel (FG5968-14)



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-700 is ideal for boardrooms, conference rooms or podiums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, bedrooms or home offices where it can be used to manage systems throughout the home.

FEATURES

- Latest Communication Technologies – Supports Near Field Communication (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



All On **70kWh** or **10kWh** + **2kWh** = **12kWh**
ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION

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HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



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For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: [youtube.com/amxtalk](https://www.youtube.com/amxtalk) and for "how-to" videos, visit 'Videos By Category' at: [youtube.com/amxconfigure](https://www.youtube.com/amxconfigure).



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



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- Winner of rAve's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



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REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 4 13/16" x 7 5/16" x 2 1/2" (122 mm x 186 mm x 63 mm)

Portrait: 7 5/16" x 4 13/16" x 2 1/2" (186 mm x 122 mm x 63 mm)

WEIGHT

1.4 lbs (0.64 Kg)

POWER CONSUMPTION

- Full-On: 8 W
- Standby: 3.2 W
- Shutdown: 1 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide Viewing Angle Technology
- Display Size (WH)
 - Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal
 - Portrait: 4.8" x 7.3" (122 mm x 186 mm), 8.8" (222 mm) diagonal
- Viewable Area (WH)
 - Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal
 - Portrait: 3.54" x 6.05" (90 mm x 154 mm), 7.0" (178 mm) diagonal
- Resolution
 - Landscape: 1024x600
 - Portrait: 600x1024
- Aspect Ratio
 - Landscape: 16:9
 - Portrait: 9:16
- Brightness: 400 cd/m²
- Contrast Ratio: 800:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB: (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range = .25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
 - Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264; HTTP for MJPEG

AUDIO

- Microphone: -42 dB \pm 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (VoIP encode/decode at 8 kHz)



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

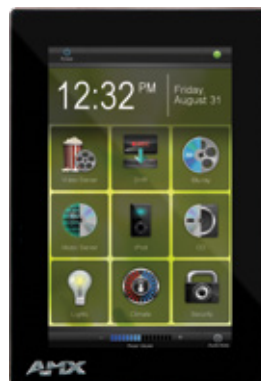
MXA-FMK-07	Flush Mount Kit, 7" Modero X Wall	(FG5968-71)
MXA-RMK-07	Rack Mount Kit for 7" Modero X Series Landscape Wall Mount Touch Panel	(FG5969-63)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MXSA-07	Rough-In Box and Cover Plate for the 7" Wall Mount Modero X/S Series Touch Panels	(FG039-18)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET	Video Acceleration Cable for Modero X 10.1" and 7" Touch Panels	(FG5968-75)

MXD-430

4.3" Modero X® Series Wall/Flush Mount Touch Panel

(FG5968-15)

480 x 800
portrait
Resolution



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-430 is ideal for boardrooms, conference rooms or podiums where a control surface is needed to provide access to key functions. In residences, it is perfect for kitchens, bedrooms or bathrooms where it can be used to manage systems throughout the home.

FEATURES

- Latest Communication Technologies – Supports Near Field Communication (NFC) - short-range wireless technologies that deliver peer-to-peer communication by 'sharing, pairing and transaction' between RF devices like exchanging data/identities
- Enhanced Usability – External phone connections via Bluetooth or USB and HD video streaming
- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market
- Programmable LEDs – red/green LEDs on the left and right sides useful for indicating when a conference room is available or in use



All On
57 kWh
ANNUAL ENERGY CONSUMPTION

Average Usage
8 kWh
ANNUAL ENERGY CONSUMPTION

Sleep Mode
3 kWh
ANNUAL ENERGY CONSUMPTION

Estimated Usage
11 kWh
ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
80%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAVE's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



G4 TECHNOLOGY

This product features AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices.

SPECIFICATIONS

DIMENSIONS (HWD)

Portrait: 4 7/8" x 3 1/4" x 2 3/8" (120 mm x 82 mm x 61 mm)

WEIGHT

0.75 lbs (.34 Kg)

POWER CONSUMPTION

- Full-On: 6.5 W
- Standby: 4.2 W
- Shutdown: 1.9 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In plane Switching Technology (IPS)
- Display Size (WH): Portrait: 3.3" x 4.8" (82 mm x 120 mm), 4.9" (119 mm) diagonal
- Viewable Area (WH): Portrait: 2.2" x 3.7" (56 mm x 94 mm), 4.3" (109 mm) diagonal
- Resolution: Portrait: 480x800
- Aspect Ratio: Portrait: 9:16
- Brightness: 500 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 80^\circ$
- Horizontal: $\pm 80^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB: (1) USB host 2.0, Type A port: Firmware upgrade, touch panel file transfer, JPEG image viewer

- Near Field Communication (NFC): Supports standards ISO/IEC 15693, ISO/IEC 14443A, ISO/IEC 14443B; Unique Identifier (UID), typ range=.25", max = .5"
- Bluetooth:
 - Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)
 - Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19) and MXA-HST Bluetooth Handset (FG5968-17)

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams: One decode

AUDIO

- Microphone: -42 dB \pm 3 dB sensitivity FET microphone
- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (VoIP encode/decode at 8 kHz)
- Audio Output: USB Audio out USB port (head/hand set support)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)
- Intercom: Full Duplex VoIP, SIP v2.0

GRAPHICS ENGINE

- AMX G4: G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-43	Flush Mount Kit for 4.3" Modero X Series Wall Mount Touch Panel	(FG5968-72)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MXP43	Rough-In Box and Cover Plate for the 4.3" Wall Mount Modero X Series Touch Panels	(FG039-19)
MXA-BT	Bluetooth USB Adapter for Modero X/S Series Touch Panels	(FG5968-19)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)
MXA-HST	Bluetooth Handset for Modero X/S Series Touch Panels	(FG5968-17)
MXA-UENET-43D	Video Acceleration Cable for Modero X 4.3" Touch Panels	(FG5968-76)

MST-1001

10.1" Modero S® Series Tabletop Touch Panel

(FG2265-05)

1280x800
Widescreen
Resolution



OVERVIEW

The Modero S Series is a beautiful touch panel family sophisticated enough for room control yet priced right for the most cost sensitive installations. The Modero S 10" tabletop includes VoIP, brilliant 24-bit color depth, PoE connectivity, USB and streaming video.

COMMON APPLICATION

The MST-1001 has a sleek style to complement the Modero X, with new ruggedized plastic housing and secure tabletop mounting. It has a place at every table, from corporate conference rooms to higher education classrooms.

FEATURES

- Architectural Design Consistency – Install both Modero S and Modero X touch panels throughout a facility for consistent style on any budget
- Secure Table Mounting Option – Our beautifully styled secure mounting plate attaches to the Modero S tabletop touch panels and secures with under-table tamper resistant bolts making it virtually theft proof; if it's not possible or desirable to mount the touch panel to the table the secure plate can also be used in conjunction with a Kensington Lock, or mount it and use the lock together for extra security
- Powerful Graphics – Powered by G4, the Modero S Series features streaming video and brilliant 24-bit color depth



SPECIFICATIONS

DIMENSIONS (HWD)

6 1/5" x 10 2/5" x 4" (157 mm x 264 mm x 103 mm)

WEIGHT

12.2 lbs (5.53 Kg)

POWER CONSUMPTION

- Full-On: 14 W (max)
- Typical: 7.5 W
- Standby: 4.5 W
- Shutdown: 0.7 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD
- Display Size (WH): Landscape: 9.1" x 5.9" (230 mm x 149 mm), 10.8" (274 mm) diagonal
- Viewable Area (WH): Landscape: 8.5" x 5.4" (217 mm x 136 mm), 10.0" (256 mm) diagonal



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MSA-STMK-10	Secure Table Mount Kit for 10.1" Modero S Tabletop Touch Panel	(FG2265-16)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	MXA-USB-C, USB Port Covers	(FG5968-18)



MSD-1001

10.1" Modero S® Series Wall Mount Touch Panel

(FG2265-01)

1024x600
Widescreen
Resolution



OVERVIEW

The Modero S Series is a beautiful touch panel family sophisticated enough for room control yet priced right for the most cost sensitive installations including small huddle spaces and dedicated room scheduling applications. The 10.1" wall mount panel features brilliant 24-bit color depth, PoE connectivity, and streaming video.

COMMON APPLICATION

The MSD-1001 has a sleek style to complement the Modero X, with a new elegant room availability indicator bar and glass mounting option. Now the most cost sensitive meeting spaces can benefit from a dedicated scheduling panel without compromising the architectural beauty of the facility, allowing users to view the room schedule at a glance and even reserve the room right from the panel.

FEATURES

- Architectural Design Consistency – Install both Modero S and Modero X touch panels throughout a facility for consistent style on any budget
- Mount to Any Smooth Surface Including Glass – Use the optional Multi Mount Kit and mount the Modero S wall touch panel to any smooth surface without drilling or cutting
- Elegant Room Availability Bar – Easily glance down the hall to see if meeting spaces are occupied
- Powerful Graphics – Powered by G4, the Modero S Series features streaming video and brilliant 24-bit color depth

SPECIFICATIONS

DIMENSIONS (HWD)

3/16" x 10 3/8" x 2 5/16" (157 mm x 264 mm x 58 mm)

WEIGHT

7.0 lbs (3.18 Kg)

POWER CONSUMPTION

- Full-On: 14 W (max)
- Typical: 7.5 W
- Standby: 4.7 W
- Shutdown: 0.8 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD
- Display Size (WH): Landscape: 9.1" x 5.9" (230 mm x 149 mm), 10.8" (274 mm) diagonal
- Viewable Area (WH): Landscape: 8.5" x 5.4" (217 mm x 136 mm), 10.0" (256 mm) diagonal
- Resolution: Landscape: 1280x800



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MSA-MMK-10	Multi Mount Kit, 10.1" Modero S Wall Mount	(FG2265-11)
MSA-RMK-10	Rack Mount Kit for 10" Modero S Series Wall Mount Touch Panel	(FG2265-14)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MSA-10	Rough-In Box and Cover Plate for the 10.1" Wall Mount Modero S Series Touch Panel	(FG2265-08)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)

MST-701

7" Modero S® Series Tabletop Touch Panel

(FG2265-06)

1024x600
Widescreen
Resolution



OVERVIEW

The Modero S Series is a beautiful touch panel family sophisticated enough for room control yet priced right for the most cost sensitive installations. The Modero S 7" tabletop includes VoIP, brilliant 24-bit color depth, PoE connectivity, USB and streaming video.

COMMON APPLICATION

The MST-701 has a sleek style to complement the Modero X, with new ruggedized plastic housing and secure tabletop mounting. It has a place at every table, from corporate conference rooms to higher education classrooms.

FEATURES

- Architectural Design Consistency – Install both Modero S and Modero X touch panels throughout a facility for consistent style on any budget
- Secure Table Mounting Option – Our beautifully styled secure mounting plate attaches to the Modero S tabletop touch panels and secures with under-table tamper resistant bolts making it virtually theft proof; if it's not possible or desirable to mount the touch panel to the table the secure plate can also be used in conjunction with a Kensington Lock, or mount it and use the lock together for extra security
- Powerful Graphics – Powered by G4, the Modero S Series features streaming video and brilliant 24-bit color depth

SPECIFICATIONS

DIMENSIONS (HWD)

4 1/2" x 7 3/8" x 3 3/16" (115 mm x 188 mm x 81 mm)

WEIGHT

9.4 lbs (4.26 Kg)

POWER CONSUMPTION

- Full-On: 13 W (max)
- Typical: 7 W
- Standby: 4.5 W
- Shutdown: 0.7 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide viewing angle technology
- Display Size (WH): Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal
- Viewable Area (WH): Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MSA-STMK-07	Secure Table Mount Kit, 7" Modero S Tabletop	(FG2265-17)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	MXA-USB-C, USB Port Covers	(FG5968-18)

MSD-701

7" Modero S® Series Wall Mount Touch Panel

(FG2265-02)

1024x600
Widescreen
Resolution



OVERVIEW

The Modero S Series is a beautiful touch panel family sophisticated enough for room control yet priced right for the most cost sensitive installations including small huddle spaces and dedicated room scheduling applications. The 7" wall mount panel features brilliant 24-bit color depth, PoE connectivity, and streaming video.

COMMON APPLICATION

The MSD-701 has a sleek style to complement the Modero X, with a new elegant room availability indicator bar and glass mounting option. Now the most cost sensitive, meeting spaces can benefit from a dedicated scheduling panel without compromising the architectural beauty of the facility allowing users to view the room schedule at a glance and even reserve the room right from the panel.

FEATURES

- Architectural Design Consistency – Install both Modero S and Modero X touch panels throughout a facility for consistent style on any budget
- Mount to Any Smooth Surface Including Glass – Use the optional Multi Mount Kit and mount the Modero S wall touch panel to any smooth surface without drilling or cutting
- Elegant Room Availability Bar – Easily glance down the hall to see if meeting spaces are occupied

SPECIFICATIONS

DIMENSIONS (HWD)

4 1/2" x 7 3/8" x 2 5/16" (115 mm x 188 mm x 58 mm)

WEIGHT

7.0 lbs (3.18 Kg)

POWER CONSUMPTION

- Full-On: 11 W (max)
- Typical: 7.5 W
- Standby: 4.5 W
- Shutdown: 0.7 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide viewing angle technology
- Display Size (WH): Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MSA-MMK-07	Multi Mount Kit, 7" Modero S Wall Mount	(FG2265-12)
MSA-RMK-07	Rack Mount Kit for 7" Modero S Series Wall Mount Touch Panel	(FG2265-15)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MXSA-07	Rough-In Box and Cover Plate for the 7" Wall Mount Modero X/S Series Touch Panels	(FG039-18)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	MXA-USB-C, USB Port Covers	(FG5968-18)

MST-431

4.3" Modero S® Series Tabletop Touch Panel

(FG2265-07)

480x272
Widescreen
Resolution



OVERVIEW

The Modero S Series is a touch panel family sophisticated enough for room control yet priced right for the most cost sensitive installations including small huddle spaces and dedicated room scheduling. The smallest of our Modero S tabletop touch panels, the Modero S 4.3" still features the advanced technology empowering users to conduct seamless meetings including VoIP, brilliant 24-bit color depth, PoE connectivity, USB and streaming video.

COMMON APPLICATION

The MST-431 has a sleek style to complement the Modero X, with new ruggedized plastic housing and secure table mounting options. Now even the smallest, most cost sensitive, highest-use and least secured spaces can benefit from dedicated room control without compromising the architectural beauty of the facility making it ideal for education facilities, huddle spaces or as secondary control in any larger conference space or auditorium.

FEATURES

- Architectural Design Consistency – Install both Modero S and Modero X touch panels throughout a facility for consistent style on any budget
- Secure Table Mounting Option – Our beautifully styled secure mounting plate attaches to the Modero S tabletop touch panels and secures with under-table tamper resistant bolts making it virtually theft proof
- Powerful Graphics – Powered by G4, the Modero S Series features streaming video and brilliant 24-bit color depth



SPECIFICATIONS

DIMENSIONS (HWD)

3 1/4" x 5 1/16" x 3 1/8" (82 mm x 128 mm x 79 mm)

WEIGHT

0.9 lbs (.4 Kg)

POWER CONSUMPTION

- Full-On: 4 W
- Typical: 3 W
- Standby: 2 W
- Shutdown: 0.7 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD
- Display Size (WH): Landscape: 5" x 3.4" (128 mm x 87 mm), 6" (152 mm) diagonal
- Viewable Area (WH): Landscape: 3.7" x 2.1" (95 mm x 54 mm), 4.3" (109 mm) diagonal
- Resolution: Landscape: 480x272



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MSA-STMK-43	Secure Table Mount Kit for 4.3" Modero S Tabletop Touch Panel	(FG2265-18)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	MXA-USB-C, USB Port Covers	(FG5968-18)



MSD-431

4.3" Modero S® Series Wall Mount Touch Panel

(FG2265-03)

480x272
Widescreen
Resolution



OVERVIEW

The Modero S Series is a touch panel family sophisticated enough for room control yet priced right for the most cost sensitive installations including small huddle spaces and dedicated room scheduling. The smallest of our Modero S touch panels, the Modero S 4.3" wall mount panel still features brilliant 24-bit color depth, PoE connectivity, and streaming video.

COMMON APPLICATION

The MSD-431 has a sleek style to complement the Modero X, with a new elegant room availability indicator bar and glass wall mounting option. Now even the smallest, most cost sensitive, meeting spaces can benefit from a dedicated scheduling panel without compromising the architectural beauty of the facility allowing users to view the room schedule at a glance and even reserve the room right from the panel.

FEATURES

- Architectural Design Consistency – Install both Modero S and Modero X touch panels throughout a facility for consistent style on any budget
- Mount to Any Smooth Surface Including Glass – Use the optional Multi Mount Kit and mount the Modero S wall touch panel to any smooth surface without drilling or cutting
- Elegant Room Availability Bar – Easily glance down the hall to see if meeting spaces are occupied
- Powerful Graphics – Powered by G4, the Modero S Series features streaming video and brilliant 24-bit color depth



SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 3 3/8" x 5 1/16" x 2 5/8" (86 mm x 128 mm x 66 mm)

WEIGHT

0.5 lbs (0.2 Kg)

POWER CONSUMPTION

- Full-On: 4 W
- Standby: 2 W
- Shutdown: 0.6 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD
- Display Size (WH): Landscape: 5" x 3.4" (128 mm x 87 mm), 6" (152 mm) diagonal
- Viewable Area (WH): Landscape: 3.7" x 2.1" (95 mm x 54 mm), 4.3" (109 mm) diagonal



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MSA-MMK-43	Multi Mount Kit, 4.3" Modero S Wall Mount	(FG2265-13)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MSA-43	Rough-In Box and Cover Plate for the 4.3" Wall Mount Modero S Series Touch Panel	(FG2265-10)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	MXA-USB-C, USB Port Covers	(FG5968-18)

1920 x 800
panoramic screen
Resolution

MXT-2000XL-PAN-NC

20.3" Modero X® Series
Panoramic Tabletop Touch Panel
(no Camera, no Microphone)

(FG5968-32)



OVERVIEW

See more and do more with the most elegant interface designed specifically for dedicated room control in restricted environments. The MXT-2000XL-PAN-NC is specifically designed to exclude the camera, Near Field Communication™ (NFC), microphone and Bluetooth functions of the original Modero X Series panel to meet the security requirements of facilities that do not allow these capabilities.

The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. The distinctive, low-profile design is engineered to sit perfectly on a table without obstructing views. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-2000XL-PAN is ideal for federal, state, and local government or military facilities with strict security restrictions due to the storage, use, discussion or electronic processing of sensitive or classified information. The MXT-2000XL-PAN feature modifications to support the added security measures necessary in secure environments such as sensitive compartmented information facilities, emergency operations centers or command headquarters. These modified panels give users robust functionality and capabilities while adhering to essential operational security guidelines.

FEATURES

- **Panoramic Control Surface** – Combined with the new PanTastic UI, the panoramic touch panels take the user experience to a whole new level with an impressive control surface to perform activities much in the same way you use a computer – multi-tasking with dedicated spaces
- **Graphic Leaps & Bounds** – The Modero X Series includes intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities



- **Perfect From Any Angle** – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAVE's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



G4 TECHNOLOGY

This product features AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices.

SPECIFICATIONS

DIMENSIONS (HWD)

9 3/16" x 20 3/8" x 5 7/8" (235 mm x 519 mm x 150 mm)

WEIGHT

12.2 lbs (5.53 Kg)

POWER CONSUMPTION

- Full-On: 32W (12 VDC, 2.7 A)
- Standby: 3.10 W (12 VDC, 0.3 A)
- Start-Up Inrush Current: 40 A for 80 μ sec

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): 20.4" x 9.5" (519 mm x 242 mm), 21.3" (541 mm) diagonal
- Viewable Area (WH): 18.7" x 7.8" (475 mm x 198 mm), 20.3" (514 mm) diagonal
- Resolution: 1920x800
- Aspect Ratio: 12:5
- Brightness: 250 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (3) USB host 2.0, Type A ports: Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: Disabled

VIDEO

- Supported Video Codecs:
 - MPEG2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)

- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode

AUDIO

- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (decode at 8 kHz)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)

GRAPHICS ENGINE

- AMX G4: G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-20	Secure Table Mount Kit, 20.3" Modero X Tabletop	(FG5968-64)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)

MXD-2000XL-PAN-NC

20.3" Modero X® Series
Panoramic Wall Touch Panel
(no Camera, no Microphone)

Portrait Wall Mount Touch Panel (FG5968-33)

Landscape Wall Mount Touch Panel (FG5968-34)



OVERVIEW

See more and do more with the most elegant interface designed specifically for dedicated room control in restricted environments. The MXD-2000XL-PAN-P-NC and MXD-2000XL-PAN-L-NC are designed to exclude the camera, Near Field Communication™ (NFC), microphone and Bluetooth functions of the original Modero X Series panels to meet the security requirements of facilities that do not allow these capabilities.

The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. The panoramic design offers the ability to perform multiple functions simultaneously. Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-2000XL-PAN-P-NC and MXD-2000XL-PAN-L-NC are ideal for federal, state, and local government or military facilities with strict security restrictions due to the storage, use, discussion or electronic processing of sensitive or classified information. They feature modifications to support the added security measures necessary in secure environments such as sensitive compartmented information facilities, emergency operations centers or command headquarters. These modified panels give users robust functionality and capabilities while adhering to essential operational security guidelines.

FEATURES

- **Panoramic Control Surface** – Combined with the new PanTastic UI, the panoramic touch panels take the user experience to a whole new level with an impressive control surface to perform activities much in the same way you use a computer – multi-tasking with dedicated spaces
- **Graphic Leaps & Bounds** – The Modero X Series includes intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities



1920 x 800, 800 x 1920
panoramic screen
Resolution

- **Perfect From Any Angle** – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAVE's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



G4 TECHNOLOGY

This product features AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 9 1/2" x 20 3/8" x 11/16" (242 mm x 519 mm x 19 mm)

Portrait: 20 3/8" x 9 1/2" x 11/16" (519 mm x 242 mm x 19 mm)

WEIGHT

9.1 lbs (4.13 Kg)

POWER CONSUMPTION

- Full-On: 32W (12 VDC, 2.7 A)
- Standby: 3.10 W (12 VDC, 0.3 A)
- Start-Up Inrush Current: 40 A for 80 μ sec

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH)
 - Landscape: 20.4" x 9.5" (519 mm x 242 mm), 21.3" (541 mm) diagonal
 - Portrait: 9.5" x 20.4" (242 mm x 519 mm), 21.3" (541 mm) diagonal
- Viewable Area (WH)
 - Landscape 18.7" x 7.8" (475 mm x 198 mm), 20.3" (514 mm) diagonal
 - Portrait 7.8" x 18.7" (198 mm x 475 mm), 20.3" (514 mm) diagonal
- Resolution
 - Landscape: 1920x800
 - Portrait: 800x1920
- Aspect Ratio
 - Landscape: 12:5
 - Portrait: 5:12
- Brightness: 250 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP

• USB:

- (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
- (1) Micro-USB device port: Disabled

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams: One decode



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-RMK-20	Rack Mount Kit for 20.3" Modero X Series Landscape Touch Panel	(FG5969-60)
MXA-FMK-20	Flush Mount Kit for 20.3" Modero X Series Wall Mount Touch Panels	(FG5968-68)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
CB-MXP19/20	Rough-In Box, Modero X Series Touch Panel, Panoramic 19/20	(FG039-15)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)

19.4" Modero X® Series
Panoramic Tabletop Touch Panel
(no Camera, no Microphone)



See more and do more with the most elegant interface designed specifically for dedicated room control. The MXT-1900L-PAN-NC is designed to exclude the camera, Near Field Communication™ (NFC), microphone and Bluetooth capabilities of the original Modero X Series panel to meet the security requirements of facilities that do not allow these capabilities.

The MXT-1900L-PAN-NC is ideal for federal, state, and local government or military facilities with strict security restrictions due to the storage, use, discussion or electronic processing of sensitive or classified information. It features modifications to support the added security measures necessary in secure environments such as sensitive compartmented information facilities, emergency operations centers or command headquarters. These modified panels give users robust functionality and capabilities while adhering to essential operational security guidelines.

- Panoramic Control Surface – Combined with the new PanTastic UI, the panoramic touch panels take the user experience to a whole new level with an impressive control surface to perform activities much in the same way you use a computer – multi-tasking with dedicated spaces
- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities



- **Perfect From Any Angle** – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: [youtube.com/amxtalk](https://www.youtube.com/playlist?list=PL3831310141193792) and for "how-to" videos, visit 'Videos By Category' at: [youtube.com/amxconfigure](https://www.youtube.com/playlist?list=PL3831310141193792).



For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



- Winner of rAVE's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



This product features AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices.

SPECIFICATIONS

DIMENSIONS (HWD)

7" x 20 3/8" x 5 5/16" (177 mm x 519 mm x 135 mm)

WEIGHT

9.4 lbs (4.26 Kg)

POWER CONSUMPTION

- Full-On: 32W (12 VDC, 2.7 A)
- Standby: 3.10 W (12 VDC, 0.3 A)
- Start-Up Inrush Current: 40 A for 80 μ sec

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

CERTIFICATIONS

- UL 60950-1
- FCC Part 15 Class B
- C-Tick CISPR 22 Class B
- CE EN 55022 Class B and EN 55024
- CB Scheme IEC 60950-1
- IC
- IEC/EN-60950
- RoHS/WEEE compliant

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): Landscape 20.4" x 6.9" (519 mm x 175 mm), 20.4" (518 mm) diagonal
- Viewable Area (WH): Landscape 18.7" x 5.9" (475 mm x 151 mm), 19.4" (493 mm) diagonal
- Resolution: Landscape 1920x530
- Aspect Ratio: Landscape 18:5
- Brightness: 350 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP

• USB:

- (3) USB host 2.0, Type A ports: Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
- (1) Micro-USB device port: Disabled

VIDEO

• Supported Video Codecs:

- MPEG2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
- MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (decode)
- MJPEG up to 720p at 25 fps (decode only)

• Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG

• Max Number of Active Video Streams: One decode

AUDIO

• Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency

• Supported Audio Codecs:

- MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
- AAC-LC (8 kHz, 96 kHz)
- G.711 with μ Law (decode at 8 kHz)

• File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)

GRAPHICS ENGINE

- AMX G4: G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-19	Secure Table Mount Kit, 19.4" Modero X Tabletop	(FG5968-65)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 6 7/8" x 20 3/8" x 11/16" (175 mm x 519 mm x 19 mm)

Portrait: 20 3/8" x 6 7/8" x 11/16" (519 mm x 175 mm x 19 mm)

WEIGHT

7.0 lbs (3.18 Kg)

POWER CONSUMPTION

- Full-On: 32W (12 VDC, 2.7 A)
- Standby: 3.10 W (12 VDC, 0.3 A)
- Start-Up Inrush Current: 40 A for 80 μ sec

EXTERNAL POWER SUPPLY REQUIRED

Requires one of these AMX power sources (not included):

- PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45)
- MXA-MPL Modero X Series Multi Preview Live (FG5968-10)
- MXA-MP Modero X Series Multi Preview (FG5968-20)

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH)
 - Landscape: 20.4" x 6.9" (519 mm x 175 mm), 20.4" (518 mm) diagonal
 - Portrait: 6.9" x 20.4" (175 mm x 519 mm), 20.4" (518 mm) diagonal
- Viewable Area (WH)
 - Landscape: 18.7" x 5.9" (475 mm x 151 mm), 19.4" (493 mm) diagonal
 - Portrait: 5.9" x 18.7" (151 mm x 475 mm), 19.4" (493 mm) diagonal
- Resolution
 - Landscape: 1920x530
 - Portrait: 530x1920
- Aspect Ratio
 - Landscape: 18:5
 - Portrait: 5:18
- Brightness: 350 cd/m²
- Contrast Ratio: 1000:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP

• USB:

- (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
- (1) Micro-USB device port: Disabled

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams: One decode



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-19	Flush Mount Kit, 19.4" Modero X Wall	(FG5968-69)
MXA-RMK-19	Rack Mount Kit for 19.4" Modero X Series Landscape Touch Panel	(FG5969-61)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PSN4.4	Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC	(FG423-45)
CB-MXP19/20	Rough-In Box, Modero X Series Touch Panel, Panoramic 19/20	(FG039-15)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)

1280 x 800
widescreen
Resolution

MXT-1000-NC

10.1" Modero X® Series
Tabletop Touch Panel
(no Camera, no Microphone)

(FG5968-24)



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. The MXT-1000-NC is designed to exclude the camera, Near Field Communication™ (NFC), microphone and Bluetooth capabilities of the original Modero X Series panel to meet the security requirements of facilities that do not allow these capabilities.

It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-1000-NC is ideal for federal, state, and local government or military facilities with strict security restrictions due to the storage, use, discussion or electronic processing of sensitive or classified information. It features modifications to support the added security measures necessary in secure environments such as sensitive compartmented information facilities, emergency operations centers or command headquarters. These modified panels give users robust functionality and capabilities while adhering to essential operational security guidelines.

FEATURES

- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAve's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



G4 TECHNOLOGY

This product features AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices.

SPECIFICATIONS

DIMENSIONS (HWD)

6 7/8" x 9 7/8" x 4 7/8" (174 mm x 252 mm x 124 mm)

WEIGHT

3.0 lbs (1.36 Kg)

POWER CONSUMPTION

- Full-On: 8 W
- Standby: 3.2 W
- Shutdown: 1 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH): 9.9" x 6.7" (252 mm x 170 mm), 12.0" (304 mm) diagonal
- Viewable Area (WH): 8.5" x 5.3" (217mm x 136mm), 10.1" (257mm) diagonal
- Resolution (WH): 1280x800
- Aspect Ratio (WH): 16:9
- Brightness: 400 cd/m2
- Contrast Ratio: 700:1
- Color Depth: 264K colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: Disabled

VIDEO

- Supported Video Codecs:
 - MPEG2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG
- Max Number of Active Video Streams: One decode

AUDIO

- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (decode at 8 kHz)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)

GRAPHICS ENGINE

- AMX G4: G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-10	Secure Table Mount Kit, 10.1" Modero X Tabletop	(FG5968-66)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)

MXD-1000-NC

10.1" Modero X® Series Wall Mount Touch Panel (no Camera, no Microphone)

Portrait Wall Mount Touch Panel (FG5968-25)

Landscape Wall Mount Touch Panel (FG5968-26)



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. The MXD-1000-P-NC and MXD-1000-L-NC are designed to exclude the camera, Near Field Communication™ (NFC), microphone and Bluetooth capabilities of the original Modero X Series panel to meet the security requirements of facilities that do not allow these capabilities.

This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities and homes. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-1000-P-NC and MXD-1000-L-NC are ideal for federal, state, and local government or military facilities with strict security restrictions due to the storage, use, discussion or electronic processing of sensitive or classified information. They feature modifications to support the added security measures necessary in secure environments such as sensitive compartmented information facilities, emergency operations centers or command headquarters. These modified panels give users robust functionality and capabilities while adhering to essential operational security guidelines.

FEATURES

- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities



1280 x 800, 800 x 1280
widescreen
Resolution

- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



WATCH THE VIDEO

For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

- Winner of rAVE's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: AMX's Modero X Series Touch Panels
- Winner of Commercial Integrator's BEST Awards - Touchscreens: Modero X Series Touch Panel (20.3")



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



G4 TECHNOLOGY

This product features AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 6 11/16" x 9 7/8" x 2 5/8" (171 mm x 252 mm x 67 mm)

Portrait: 9 7/8" x 6 11/16" x 2 5/8" (252 mm x 171 mm x 67 mm)

WEIGHT

2.0 lbs (0.91 Kg)

POWER CONSUMPTION

- Full-On: 8 W
- Standby: 3.2 W
- Shutdown: 1 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

CERTIFICATIONS

- UL 60950-1
- FCC Part 15 Class B
- C-Tick CISPR 22 Class B
- CE EN 55022 Class B and EN 55024
- CB Scheme IEC 60950-1
- IC
- IEC/EN-60950
- RoHS/WEEE compliant

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
- Display Size (WH)
 - Landscape: 9.9" x 6.7" (252 mm x 170 mm), 12.0" (304 mm) diagonal
 - Portrait: 6.7" x 9.9" (170 mm x 252 mm), 12.0" (304 mm) diagonal
- Viewable Area (WH)
 - Landscape: 8.5" x 5.3" (217 mm x 136 mm), 10.1" (257 mm) diagonal
 - Portrait: 5.3" x 8.5" (136 mm x 217 mm), 10.1" (257 mm) diagonal
- Resolution
 - Landscape: 1280x800
 - Portrait: 800x1280
- Aspect Ratio
 - Landscape: 16:9
 - Portrait: 9:16
- Brightness: 400 cd/m²
- Contrast Ratio: 700:1
- Color Depth: 264K colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB:
 - (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets
 - (1) Micro-USB device port: Disabled

VIDEO

- Supported Video Codecs:
 - MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams: One decode



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-10	Flush Mount Kit, 10" Modero X Wall Mount	(FG5968-70)
MXA-RMK-10	Rack Mount Kit for 10" Modero X Series Landscape Wall Mount Touch Panel	(FG5969-62)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MXP10	Rough-In Box and Cover Plate for the 10" Wall Mount Modero X Series Touch Panels	(FG039-17)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)

1024 x 600
widescreen
Resolution

MXT-700-NC

7" Modero X® Series
Tabletop Touch Panel
(no Microphone)

(FG5968-27)



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. The MXT-700-NC is designed to exclude the camera, Near Field Communication™ (NFC), microphone and Bluetooth capabilities of the original Modero X Series panel to meet the security requirements of facilities that do not allow these capabilities.

It features advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXT-700-NC is ideal for federal, state, and local government or military facilities with strict security restrictions due to the storage, use, discussion or electronic processing of sensitive or classified information. It features modifications to support the added security measures necessary in secure environments such as sensitive compartmented information facilities, emergency operations centers or command headquarters. These modified panels give users robust functionality and capabilities while adhering to essential operational security guidelines.

FEATURES

- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- Perfect From Any Angle – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



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For an inside look at the features, technical capabilities and benefits of our touch panels, just visit our Modero X Series 'Videos By Category' playlist at: youtube.com/amxtalk and for "how-to" videos, visit 'Videos By Category' at: youtube.com/amxconfigure.



TRAINING AVAILABLE

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AWARD WINNER

- Winner of rAve's Best of Infocomm 2012 Awards - Best New Control System Hardware Product: **AMX's Modero X Series Touch Panels**
- Winner of Commercial Integrator's BEST Awards - Touchscreens: **Modero X Series Touch Panel (20.3")**



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



G4 TECHNOLOGY

This product features AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices.

SPECIFICATIONS

DIMENSIONS (HWD)

5" x 7 5/16" x 4 1/8" (126 mm x 187 mm x 105 mm)

WEIGHT

1.8 lbs (0.82 Kg)

POWER CONSUMPTION

- Full-On: 8 W
- Standby: 3.2 W
- Shutdown: 1 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide Viewing Angle Technology
- Display Size (WH): Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal
- Viewable Area (WH): Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal
- Resolution (WH): Landscape: 1024x600
- Aspect Ratio (WH): Landscape: 16:9
- Brightness: 400 cd/m²
- Contrast Ratio: 800:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB: (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets

VIDEO

- Supported Video Codecs:
 - MPEG2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)

- MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
- MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams: One decode

AUDIO

- Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency
- Supported Audio Codecs:
 - MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz)
 - AAC-LC (8 kHz, 96 kHz)
 - G.711 with μ Law (decode at 8 kHz)
- File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)

GRAPHICS ENGINE

- AMX G4: G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-STMK-07	Secure Table Mount Kit, 7" Modero X Tabletop	(FG5968-67)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
HPG-10-10K	3/4" Mini-Grommet, 10-Pack	(FG570-01-10K)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X/S Series Touch Panels	(FG5968-18)

7" Modero X® Series
Wall Mount Touch Panel
(no Microphone)

Landscape Wall Mount Touch Panel (FG5968-29)



OVERVIEW

The Modero X Series is the most elegant family of interfaces designed specifically for dedicated room control. This new generation of touch panels is built for usability offering edge-to-edge capacitive touch glass with multi-touch capabilities. The MXD-700-P-NC and MXD-700-L-NC are designed to exclude the camera, Near Field Communication™ (NFC), microphone and Bluetooth capabilities of the original Modero X Series panel to meet the security requirements of facilities that do not allow these capabilities.

They feature advanced technology empowering users to operate AV equipment seamlessly, while providing the ultimate in audio and video quality. The distinctive appearance will complement even the most sophisticated meeting facilities. With a lightning fast processor, brilliant graphics and enhanced capabilities, the Modero X Series is the control surface that simply delivers more.

COMMON APPLICATION

The MXD-700-P-NC and MXD-700-L-NC are ideal for federal, state, and local government or military facilities with strict security restrictions due to the storage, use, discussion or electronic processing of sensitive or classified information. It features modifications to support the added security measures necessary in secure environments such as sensitive compartmented information facilities, emergency operations centers or command headquarters. These modified panels give users robust functionality and capabilities while adhering to essential operational security guidelines.

FEATURES

- Graphic Leaps & Bounds – The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities



1024 x 600, 600 x 1024
widescreen
Resolution

- **Perfect From Any Angle** – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market



HELPFUL HINT

The Modero X Series features intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities.



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D-TOOLS CERTIFIED PRODUCT

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G4 TECHNOLOGY

This product features AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices.

SPECIFICATIONS

DIMENSIONS (HWD)

Landscape: 4 13/16" x 7 5/16" x 2 1/2" (122 mm x 186 mm x 63 mm)

Portrait: 7 5/16" x 4 13/16" x 2 1/2" (186 mm x 122 mm x 63 mm)

WEIGHT

1.4 lbs (0.64 Kg)

POWER CONSUMPTION

- Full-On: 8 W
- Standby: 3.2 W
- Shutdown: 1 W
- Start-Up Inrush Current: Not applicable due to PoE standard

EXTERNAL POWER SUPPLY REQUIRED

Optimal performance requires use of one of the following AMX PoE power supplies (not included):

- PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)
- NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)

AMX does not support the use of non-AMX power supplies.

TOUCH SCREEN DISPLAY

- Display Type: TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide Viewing Angle Technology
- Display Size (WH)
 - Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal
 - Portrait: 4.8" x 7.3" (122 mm x 186 mm), 8.8" (222 mm) diagonal
- Viewable Area (WH)
 - Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal
 - Portrait: 3.54" x 6.05" (90 mm x 154 mm), 7.0" (178 mm) diagonal
- Resolution
 - Landscape: 1024x600
 - Portrait: 600x1024
- Aspect Ratio
 - Landscape: 16:9
 - Portrait: 9:16
- Brightness: 400 cd/m²
- Contrast Ratio: 800:1
- Color Depth: 16.7M colors
- Illumination: LED
- Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max

VIEWING ANGLE

- Vertical: $\pm 89^\circ$
- Horizontal: $\pm 89^\circ$

MEMORY

- SDRAM: 512 MB
- Flash: 4 GB
- Maximum Project Size: 2.4 GB flash available to user

COMMUNICATIONS

- Ethernet: 10/100 port, RJ-45 connector. Supported IP and IP-based protocols: UCP, TCP, ICMP, IGMP, DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
- USB: (2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals, USB audio output for headsets

VIDEO

- Supported Video Codecs:
 - MPEG2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only)
 - MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
 - MJPEG up to 720p at 25 fps (decode only)
- Supported Video Transport Streams: MPEG-TS for MPEG2 and H.264; HTTP for MJPEG
- Max Number of Active Video Streams: One decode



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MXA-FMK-07	Flush Mount Kit, 7" Modero X Wall Mount	(FG5968-71)
MXA-RMK-07	Rack Mount Kit for 7" Modero X Series Landscape Wall Mount Touch Panel	(FG5969-63)
MXA-MP	Modero X/S Series Multi Preview	(FG5968-20)
MXA-MPL	Modero X/S Series Multi Preview Live	(FG5968-10)
PS-POE-AF-TC	PoE Injector, 802.3AF Compliant	(FG423-83)
CB-MXSA-07	Rough-In Box and Cover Plate for the 7" Wall Mount Modero X/S Series Touch Panels	(FG039-18)
MXA-CLK	Modero X/S Series Screen Cleaning Kit	(FG5968-16)
NXA-ENET8-2POE	Gigabit Ethernet Switch	(FG2178-63)
MXA-USB-C	USB Port Covers for the Modero X Series Touch Panels	(FG5968-18)

MVP-5200i

Modero® ViewPoint® Touch Panel
with Intercom, 5.2" and 5"

■ Gloss Black	MVP-5200i-GB	(FG5966-03)
□ Gloss White	MVP-5200i-GW	(FG5966-04)

800 x 480
widescreen
Resolution



OVERVIEW

Available in black (FG5966-03) and white (FG5966-04), the MVP-5200i is a wireless-only ergonomic device capable of VoIP intercom telephone communications, quick wakeup and connection time and extended battery life for longer operation between charges. Models include a 5" TFT Active Matrix LCD to display an 800 x 480 pixel image with 16.7M colors.

COMMON APPLICATION

Ideal in residences for wireless control in home theaters and whole home systems as well as in-wall placement for digital intercom and entry communications. Perfect for boardrooms/conference rooms for controlling the AV equipment used for presentations and training.

FEATURES

- Ultra-light, compact and thin form factor
- Available in your choice of high-gloss black or high-gloss white
- Navigation wheel provides simple (up/down) or sophisticated control (up/down, right/left, select)
- Full Duplex VoIP Intercom and SIP Telephone (requires AMX Communications Gateway) Ready
- 802.11g WiFi for two-way network communications
- Wireless communications remain secure using WEP, WPA, WPA2, EAP-TLS, EAP-TTLS and PEAP network security standards
- Enhanced usability with microphone and speakers
- Versatile placement options including integrated kickstand, table charging station and wall charging station



All On **25 kWh** or Average Usage **3 kWh** + Sleep Mode **2 kWh** = Estimated Usage **5 kWh**
ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
80%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



DID YOU KNOW?

It's A Digital Speakerphone. With the MVP-5200i, local, long distance and international phone calls can be placed and received at the push of a button, simply by adding an AMX Communications Gateway to your NetLinX control system.



WATCH THE VIDEO

See the MVP-5200i in action by watching the video profile online at:
www.amx.com/assets/videos/MVP-5200i.mp4



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

The MVP-5200i was awarded the "High Impact Product of the Year" from CE Pro and the "RESI Award - Best Touchscreen Control Panel" from Residential Systems.



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.

SPECIFICATIONS

DIMENSIONS (HWD)

- Touch Panel: 4 3/4" x 7 9/16" x 13/16" (12.7 cm x 19.1 cm x 2.0 cm)
- Total Packaging Dimensions: 6 1/4" x 5 1/8" x 5" (14.2 cm x 6.5 cm x 4.1 cm)

WEIGHT

- Touch Panel: 1.4 lbs (604 g)
- Total Shipping Weight: 2.3 lbs (1.2 g)

POWER REQUIREMENTS (WITHOUT CHARGING)

Panel with battery fully charged or with no battery:

- Constant current draw: 0.32 A @ 12 VDC
- Startup current draw: 0.35 A @ 12 VDC

POWER REQUIREMENTS (WHILE CHARGING)

Panel while charging battery:

- Constant current draw: 1.06 A @ 12 VDC
- Startup current draw: 1.08 A @ 12 VDC

MINIMUM POWER SUPPLY REQUIRED

PS3.0 Power Supply (FG423-30): All MVP-5200i models are shipped with this power supply

POWER MODES

- On: All necessary modules are powered up and device remains online with the NetLinX Master.
- Sleep: Only the backlight will be turned off after the user selectable time of inactivity has elapsed. Panel resumes the ON mode in ~ 1 second.
- Shutdown: Power to all modules and components is turned off. The unit remains in this mode until either it is rebooted or the battery is completely shut down.

BATTERY DURATION

- On mode – 5.1 hours of battery life
- Sleep mode – 8.5 hours of battery life

MEMORY

- 128 MB Mobile DDRAM (upgrade not available)
- 256 MB NAND FLASH (upgrade not available)

SCREEN PROPERTIES

- Size: 5.0" (12.59 cm)
- Screen resolution: 800 x 480 pixels (HV) @ 60 Hz frame frequency
- Type: WVGA
- Aspect ratio: 16 x 9
- Brightness (luminance): 300 cd/m2
- Channel transparency: 8-bit Alpha blending
- Contrast ratio: 600:1
- Display colors: 16M colors (24-bit color depth)
- Dot/pixel pitch: 0.135 x 0.135 mm
- Panel type: TFT Color Active-Matrix

VIEWING ANGLE

- Vertical: + 50° (up from center) and - 70° (down from center)
- Horizontal: + 70° (left from center) and - 70° (right from center)

EXTERNAL COMPONENTS

- Connector: 5-pin Mini-USB connector used for audio output to USB headphones, programming, firmware updates, and touch panel file transfer between the PC and the target panel.
Note: When connecting the panel to PC using a CC-USB (or compatible) cable, be sure to power the panel On before attempting to connect the USB cable from the PC to the mini-USB port on the panel.
- DC Power Port: 2.5 mm port to power the panel away from a charging station
- Stylus Slot: Slot where the included stylus is stored, located on the right side of the device
- Microphone: For use with the intercom feature
- Frequency: 20 to 160,000 Hz
- S/N Ratio: More than 58 dB
- Speaker: 4 Ohm, 2 W 300 Hz cutoff frequency
- Audio Standards: G7.11 sound standard, 75 dB SPL@1m

INTERNAL COMPONENTS

IR Emitters: Transmit IR over 20 feet (6.10 m) from the panel.

- IR emitters on G4 panels share the device address number of the panel.
- Transmits AMX fixed frequencies at 38 kHz and 455 kHz and user programmable frequencies from 20 kHz to 1.5 MHz

ENVIRONMENTAL

- Operating Temperature: 0° C (32° F) to 40° C (104° F)
- Operating Humidity: 20% to 85% RH
- Storage Temperature: -20° C (-4° F) to 60° C (140° F)
- Storage Humidity: 5% to 85% RH

INCLUDED ACCESSORIES

- PS3.0 Power Supply (FG423-30)
- Stylus (pre-installed onto the left side of the unit)
- Integrated battery



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MVP-TCS-52	Table Charging Station	(FG5966-1X)
MVP-WCS-52	Wall Charging Station	(FG5966-1X)
MVP-STYLUS-52	Replacement Stylus, Pack of 3	(FG5966-21/22)
CC-USB	USB Programming Cable	(FG10-5965)
CC-HPADAPTER	Headphone Adapter Cable	(FG5966-23)
NXA-WAP1000	Smart Wireless Access Point	(FG2255-51/53)

MVP-5150

5" Modero® ViewPoint®
Wi-Fi Touch Panel

■ Gloss Black MVP-5150 (FG5966-09)

800 x 480
widescreen
Resolution



OVERVIEW

The MVP-5150 delivers high-end style and just the right features in a sleek, sexy, ultra-compact design. The MVP-5150 is perfect for installations desiring the sleek, sexy design of the MVP-5200i, but do not need all of its features. The MVP-5150 offers both Wi-Fi and one-way IR communication giving the user instant control of virtually any device in the home or office.

COMMON APPLICATION

Ideal for 802.11 b/g wireless control of home theaters as well as a variety of devices and systems throughout residences and commercial facilities.

FEATURES

- Ultra-light, compact and thin form factor that is easy to hold
- Wi-Fi and 1-way IR signal communications
- Color active - matrix TFT with 16:9 aspect ratio
- Screen Resolution – 800x480
- Elegant high-gloss black styling
- Charging options include table charging station (MVP-TCS52) and wall charging station (MVP-WCS52)



All On **25 kWh** or Average Usage **3 kWh** + Sleep Mode **2 kWh** = Estimated Usage **5 kWh**
ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
80%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



DID YOU KNOW?

Always By Your Side. With integrated 802.11 b/g wireless capability, the MVP-5150 can control anything in your control system from just about anywhere in your residence or facility.



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



READ MORE ABOUT IT

You can learn more about the MVP-5150 in the "Touch Panels Brochure" as well as experience it's actual size and shape with the "MVP-5150 Actual Size Product Card". Both are available online at: [www.amx.com/newsroom/literature.asp?category=AMX Brochures](http://www.amx.com/newsroom/literature.asp?category=AMX%20Brochures)



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.



COUNTRY OF ORIGIN: MEXICO

To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.

SPECIFICATIONS

DIMENSIONS (HWD)

4 3/4" x 7 9/16" x 13/16" (12.1 cm x 19.2 cm x 2.0 cm)

WEIGHT

1.25 lbs (570 grams)

POWER REQUIREMENTS (WITHOUT CHARGING)

Panel with battery fully charged or with no battery:

- Constant current draw: 0.29 A @ 12 VDC
- Startup current draw: 0.37 A @ 12 VDC

POWER REQUIREMENTS (WHILE CHARGING)

Panel while charging battery:

- Constant current draw: 1.04 A @ 12 VDC
- Startup current draw: 1.07 A @ 12 VDC

MINIMUM POWER SUPPLY REQUIRED

PS3.0 Power Supply (FG423-30) - both 120 VAC and 240 VAC models are shipped with this power supply

POWER MODES

- On: All necessary modules are powered up and device remains online with the NetLinX Master
- Sleep: Only the backlight will be turned off after the user selectable time of inactivity has elapsed. Panel resumes the ON mode in ~ 1 second upon a momentary press of the touchscreen.
- Shutdown: Power to all peripherals and components is turned off. The system remains in this mode until either it is rebooted or the battery is completely drained. The panel is re-activated by pressing the touchscreen and holding until the AMX splash screen appears.

BATTERY DURATION

- On mode – 5.1 hours of battery life
- Sleep mode – 8.5 hours of battery life

MEMORY

- 128 MB Mobile DDRAM (upgrade not available)
- 256 MB NAND Flash (upgrade not available)

SCREEN PROPERTIES

- Size: 5.0" (12.59 cm)
- Screen resolution: 800 x 480 pixels (HV) @ 60 Hz frame frequency
- Type: WVGA
- Aspect ratio: 16:9
- Brightness (luminance): 300 cd/m²
- Channel transparency: 8-bit Alpha blending
- Contrast ratio: 600:1
- Display colors: 16M colors (24-bit color depth)
- Dot/pixel pitch: 0.135 x 0.135 mm
- Panel type: TFT Color Active-Matrix

VIEWING ANGLE

- Vertical: +50° (up from center) and -70° (down from center)
- Horizontal: +70° (left from center) and -70° (right from center)

EXTERNAL COMPONENTS

Connector: 5-pin Mini-USB connector used for output to USB programming, firmware update, and touch panel file transfer between the PC and the target panel.

Note: When connecting the panel to PC using a CC-USB (or compatible) cable, be sure to power the panel On before attempting to connect the USB cable from the PC to the mini-USB port on the panel.

INTERNAL COMPONENTS

IR Emitters: Transmit IR over 20 feet (6.10 m) from the panel.

- IR emitters on G4 panels share the device address number of the panel.
- Transmits AMX fixed frequencies at 38 kHz and 455 kHz and user programmable frequencies from 20 kHz to 1.5 MHz

ENVIRONMENTAL

- Operating Temperature: 0° C (32° F) to 40° C (104° F)
- Operating Humidity: 5% to 85% RH
- Storage Temperature: -20° C (-4° F) to 60° C (140° F)
- Storage Humidity: 5% to 85% RH

INCLUDED ACCESSORIES

- Installation Guide (93-5966-07)
- PS3.0 Power Supply (FG423-30)



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MVP-TCS-52	Table Charging Station	(FG5966-1x)
MVP-WCS-52	Wall Charging Station	(FG5966-1x)
MVP-STYLUS-52-GB	Black Replacement Stylus, Pack of 3	(FG5966-21)
CC-USB	USB Programming Cable	(FG10-5965)
NXA-WAP1000	Smart Wireless Access Point	(FG2255-51/53)
CC-HPADAPTER	Headphone Adapter Cable	(FG5966-23)

MIO-R4

Mio Modero® R-4 Remote

MIO-R4	Remote Only	(FG148-04)
MIO-R4-CC	Remote with Charging Cradle	(FG148-14K)
MIO-R4-ZGW	Remote with Charging Cradle and ZigBee Pro Gateway	(FG148-25K)



OVERVIEW

The Mio Modero® R-4 remote provides custom control features and includes a 2.4-inch full-color, active-matrix TFT LCD Touch Panel, ZigBee Pro wireless technology, two-way communication and unlimited control of devices - all in an elegant handheld rechargeable device. It has a wide coverage area and signals can be transmitted through walls, ceilings, etc. with a range of up to 100 feet indoors (dependent upon conditions and construction materials). The coverage area can be extended by using NetLinX ZigBee Pro Repeaters. And with ZigBee Pro, any number of R-4s can be used within the same property without interfering with each other.

COMMON APPLICATION

The Mio Modero R-4 is an excellent choice for two-way LCD touch control of a wide variety of devices throughout residences, hotels or facilities of almost any size.

FEATURES

- 2.4-inch color active-matrix TFT LCD Touch Panel
- 240 x 320 pixel resolution
- Transmits/Receives two-way signals using ZigBee Pro Wireless technology
- Near unlimited coverage when using NetLinX ZigBee Pro Repeaters
- 29 hard buttons and two LCD buttons
- Supports any connected system device
- Wakes upon touching side rails, moving it, or button presses

SPECIFICATIONS

DIMENSIONS (HWD)

9 1/2" x 2" x 3/4" (24.1 cm x 5.1 cm x 1.9 cm)

WEIGHT

- 7.2 oz (20g) without batteries
- 8.8 oz (25 g) with batteries

POWER

- Mio Modero Lithium-Ion Rechargeable Battery
- 12-18 VDC Power Supply for recharging battery

LCD TOUCH PANEL DISPLAY

- 2.4" color active-matrix TFT (240 x 320 pixel resolution)
- Viewing Angle: ± 60° horizontal, ± 60° vertical
- Display colors: 64K (16-bit color depth)
- Brightness: 100 cd/m2
- Contrast: 350:1

PUSHBUTTONS

29 hard buttons, 2 LCD buttons

MEMORY

- 32 MB of FLASH
- 64 MB of SDRAM

RF TRANSMISSION

- ZigBee Pro 2.4 GHz, 2-way network communications
- 100 feet indoors (extendable using NetLinX ZigBee Pro Repeaters)

BACKLIGHTING SYSTEM ACTIVATION

- Touch • Tilt Switch • Push Button • Touch Screen

ENCLOSURE MATERIALS

- Molded RF Transmissive Material
- Black brushed metal top and bottom cover plates
- Chrome Side Rails, Volume, Channel, Navigation, Select, Play and Power Buttons

REAR COMPONENTS

- Programming Port • Battery Door • Rechargeable Battery Connection

CUSTOMIZATION

Multiple languages supported for Touch Panel and Engraved Buttons

SUPPORTED LANGUAGES

Arabic, English, French, German, Hindi, Italian, Simple Chinese, Portuguese, Russian, Spanish, Thai



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

NXR-ZGW-PRO	NetLinX ZigBee Pro Gateway	(FG5791-11)
NXR-ZRP-PRO	NetLinX ZigBee Pro Repeater	(FG6791-03)
MIO-RCC-KIT	Mio Remote Charging Cradle Kit	(FG147-03K)
MIO-RBP	Rechargeable Lithium Ion Battery	(FG147-10)
CC-USB	USB Programing Cable	(FG10-5965)
MIO-R4-KP-TRANSPORT	Mio R-4 Device Transport Keypad	(FG148-145)
MIO-R4-KP-EURO	Mio R-4 European Keypad	(FG148-146)





A CLOSER LOOK

MIO-R4



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



AWARD WINNER

The Mio Modero R-4 was awarded the "2007 EXCITE Award" from *CustomRetailer*, "Product of the Year" from *EH Publishing* and the "Technology InAVation Award, Most InAVative Control Product for Residential Use" from *InAVate*.



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.



COUNTRY OF ORIGIN: MEXICO

To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.

MVP-9000i

9" Modero® ViewPoint®
Touch Panel with Intercom

Black	MVP-9000i-GB	(FG5967-01)
White	MVP-9000i-GW	(FG5967-02)



800 x 480
widescreen
Resolution



OVERVIEW

The MVP-9000i redefines touch panel control offering both wireless and wired functionality, new user interface capabilities like gestures and page transitions, a stunning 9" widescreen 24-bit color display, full digital duplex telephone or intercom interface and built-in 802.11a/b/g Wi-Fi card with antenna diversity. The MVP-9000i switches seamlessly to wireless mode when removed from the PoE docking station. Transfer touch panel pages, upgrade the firmware or display photo files using the USB or mini-SD card slot. Available in white or black, the MVP-9000i also features a capacitive navigation pad, 4 programmable buttons, over 1 GB of useable flash memory and supports 5 hours of continuous use and three days of standby time.

COMMON APPLICATION

Ideal for a wide variety of residential and commercial control and automation applications where flexibility of docked or mobile 802.11a/b/g functionality and extended battery life is desired. This is an ideal solution for extremely noisy wireless environments like MDUs and applications that require telephone/intercom functionality.

FEATURES

- Automatically switches between Ethernet connectivity when docked and Wi-Fi when out of dock
- New user interface capabilities including gesturing and 7 different page transitions
- International Fonts Support - The MVP-9000i provides support for right to left languages such as Arabic, a combination of language styles (right to left, and left to right) can also be used allowing inclusion of Arabic and English on the same screen
- 802.11a/b/g Wi-Fi with antenna diversity for improved wireless reliability and features enhanced wireless security protocol
- Extended battery life - five hours of continuous use and three days of standby time
- Micro-SD and USB stick support for easy file and photo uploads
- VoIP intercom and SIP telephone (requires AMX Gateway) ready



All On
116kWh ANNUAL ENERGY CONSUMPTION

Average Usage
or 17kWh ANNUAL ENERGY CONSUMPTION

Sleep Mode
+ 4kWh ANNUAL ENERGY CONSUMPTION

Estimated Usage
= 20kWh ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
83%
ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING



DID YOU KNOW?

Wired and Wireless. The MVP-9000i combines the speed and security of a wired Ethernet connection with the freedom of an 802.11 a/b/g wireless connection. It's engineered to automatically switch between Ethernet connectivity when docked and Wi-Fi when out of dock delivering both tabletop and in-wall control.



WATCH THE VIDEO

See the MVP-9000i in action live from InfoComm 2010 by watching the video profile online at: www.amx.com/assets/videos/MVP-9000i.mp4



GET TRAINED ON THIS PRODUCT

If you are interested in learning more about a product, we direct you to classroom or on-demand courses offered by our award-winning AMX University.



READ MORE ABOUT IT

Network security, performance, reliability and diagnostics - these are a few of the benefits the MVP-9000i's Cisco Compatible Extensions Certification. Read the full story in AMX's White Paper: [Benefits of CCX Certification for the Modero MVP-9000i Touch Panel](#).



AWARD WINNER

The MVP-9000i was awarded the "Best Wireless Control Device - Gold" and "Best Wired Control Device - Gold" Awards from SVI Trade 2011.

SPECIFICATIONS

DIMENSIONS (HWD)

7 5/8" x 11" x 1 1/16" (19.4 cm x 27.9 cm x 2.7 cm)

WEIGHT

3.60 lbs (1.63 kg)

POWER REQUIREMENTS (WITHOUT CHARGING)

Panel with battery fully charged or with no battery:

- Constant current draw: 1.1 A @ 12 VDC
- Startup current draw: 1.2 A @ 12 VDC
- Auto Dim current draw: 0.6 A @ 12 VDC
- Sleep current draw: 0.4 A @ 12 VDC
- Standby current draw: 0.07 A @ 12 VDC
- If panel is mounted onto a TDS or WDS, add 0.1 A to the above figures

POWER REQUIREMENTS (WHILE CHARGING)

Panel while charging battery:

- Constant current draw: 2.0 A @ 12 VDC
- Auto Dim current draw: 0.5 A @ 12 VDC
- Sleep current draw: 0.3 A @ 12 VDC
- Standby current draw: NA
- If panel is mounted onto a TDS or WDS, add 0.1 A to the above figures

MINIMUM POWER SUPPLY REQUIRED

- PS3.0 Power Supply (FG423-30)
- PS-POE-AT High Power PoE Injector (FG423-81) through the Table Docking Station and Wall Docking Station (included with docking stations)

POWER MODES

- On: All necessary modules are powered up and device remains online with the Netlinx Master
- Asleep: Only the backlight will be turned off after the user selectable time of inactivity has elapsed. Panel resumes the ON mode in ~ 1 second
- Standby: Power to all components other than the touch screen is turned off after the user selectable time of inactivity has elapsed. Device will turn back on by touching the screen
- Shutdown: Power to all peripherals and components is turned off. The system remains in this mode until it is rebooted

BATTERY DURATION

- Five hours of continuous use
- Three days standby time

MEMORY

2GB internal microSD (1.1GB accessible to user)

SCREEN PROPERTIES

- Screen resolution: 800 x 480 pixels (HV) @ 60 Hz refresh rate
- Aspect ratio: 16 x 9
- Brightness (luminance): 400 cd/m2

- Channel transparency: 8-bit Alpha blending
- Contrast ratio: 900:1 max.
- Display colors: 16.7M colors (8-bit color depth)
- Dot/pixel pitch: 0.246 mm
- Panel type: TFT Color Active-Matrix

ACTIVE SCREEN AREA

- 7 3/4" x 4 1/2" (19.7 cm x 11.8 cm)
- 9" (diagonal)

VIEWING ANGLE

Up/Down/Left/Right: 85/85/85/85

AUDIO

Mono speaker: 4 Ohm, 2 Watts 300Hz cutoff frequency

INFRARED COMMUNICATION

IR Transmit only, including AMX 38KHz, AMX 455KHz, and 3rd party IR

OPERATION/STORAGE ENVIRONMENTAL

- Operating Temperature: 0° C (32° F) to 40° C (104° F)
- Battery Charging Temperature: 0° C (32° F) to 30° C (86° F)
- Operating & Battery Charging Humidity: 20% to 85% RH
- Storage Temperature: -20° C (-4° F) to 60° C (140° F)
- Storage Humidity: 5% to 85% RH

INCLUDED ACCESSORIES

- PS3.0 Power Supply (FG423-30)
- Stylus (pre-installed onto the left side of the unit)



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

MVP-TDS-9	Table Docking Station	(FG5967-1X)
MVP-WDS-9	Wall/Flush Mount Docking Station	(FG5967-1X)
CB-MVP-WDS9	Rough-In Box for Wall Docking Station	(FG038-13)
CB-MVP-WBS9B	Rough-In Box Back for Wall Docking Station	(FG038-14)
MVP-STYLUS-52	Replacement Stylus, Pack of 3	(FG5966-21/22)
MVP-BP-9	Battery Pack for MVP-9000i Modero ViewPoint Touch Panels	(FG5967-21)
CC-MINIUSB	Mini USB to PC Cable Adapter	(FG5967-20)
PS-POE-AT-TC	High-Power PoE Injector, 802.3AT Compliant	(FG423-84)
NXA-MSD2GB	MicroSD Card – 2 GB	(FG2116-80)
NXA-MSD4GB	MicroSD Card – 4 GB	(FG2116-81)
NXA-WAP1000	Smart Wireless Access Point	(FG2255-51/53)
NXA-ENET8-2POE	Gigabit PoE Ethernet Switch	(FG2178-63)

TPI-PRO-DVI

Total Presentation Interface with DVI

TPI-PRO-DVI-2 2 Multi-Format Inputs (FG2275-112)

TPI-PRO-DVI-4 4 Multi-Format Inputs (FG2275-114)



OVERVIEW

The Total Presentation Interface-DVI – transforms third party touch screens into interactive displays with stunning control graphics and animation just like AMX Modero Touch Panels. Using the TPI-PRO-DVI, third party touch screens can simultaneously display up to 4 fully-scalable video windows, each supporting DVI, RGB, Component, S-Video, and Composite signals. Classrooms, courtrooms and conference rooms can use the TPI-PRO-DVI to easily switch between any of the four simultaneously displayed sources on the fly as well as annotate over any of the video sources in real-time. The TPI-PRO-DVI is the perfect tool to use with any large plasma or LCD display equipped with a touch overlay. Alternatively, the TPI-PRO-DVI output can be displayed on any monitor or projector and a USB keyboard/mouse can be used to navigate the system.

The TPI-PRO-DVI's multi-format ports support anything from Composite to DVI-I, future proofing the facility for the eventual changeover to all digital video. The TPI-PRO-DVI's built in digital video processor converts these older analog signals to digital – eliminating the need for multiple cable runs to the display.

COMMON APPLICATION

TPI-PRO-DVI can be used in presentation environments to compare and annotate presentation materials, in medical environments to aid instruction by annotating over live video and digital x-rays, and in courtrooms to draw on, point to, and highlight multiple pieces of evidence.

FEATURES

- Available in 2 or 4 inputs (both versions have dual outputs)
- Inputs: S-Video, Composite, RGBHV (up to 1920x1200), Component (up to 1080p), DVI-D (up to 1920x1200)
- Outputs: RGBHV and DVI-D up to 1920x1200 (WUXGA) at 60 Hz
- Integrated interactive annotation allows the presenter to write or draw on any of the live video images or a still picture and store annotations as JPEGs for later use.
- Easily integrates with Apple and Microsoft computers, saving space and extra equipment with the ability to control up to four Apple and/or Microsoft computers simultaneously via one USB keyboard and mouse



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.



COUNTRY OF ORIGIN: MEXICO

To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.

SPECIFICATIONS

DIMENSIONS (HWD)

- 1 3/4" x 17" x 10 1/2" (4.4 cm x 43.2 cm x 26.8 cm)
- RU: 1

WEIGHT

8.25 lbs (3.74 kg)

POWER

Constant current draw: 2.6 A @ 12 VDC

MEMORY

- 256 MB SDRAM
- 256 MB disk memory

INPUT FORMAT

- Composite, S-Video, Component, RGBHV, DVI
- 640 x 480 @ 60 Hz up to 1920 x 1200 @ 60 Hz

OUTPUT FORMAT

- RGBHV, DVI
- Up to 1920 x 1200 @ 60 Hz

FRONT COMPONENTS

- DB9 RS-232 Serial Configuration Port
- 2 USB Type-A ports for connecting up to one annotation touch monitor and up to one keyboard/mouse
- LED Indicators - PWR, NetLinX Master status, and 4 yellow LEDs for each source input (TPI-PRO-DVI-4 only)
- LED Indicators - PWR, NetLinX Master status, and 2 yellow LEDs for each source input (TPI-PRO-DVI-2 only)
- Pushbuttons - RESOLUTION, TOUCH, CALIBRATE, and SETUP
- Pushbutton - Power

REAR CONNECTORS

- DVI-I connectors - 4 input sources (TPI-PRO-DVI-4 only)
- DVI-I connectors - 2 input sources (TPI-PRO-DVI-2 only)
- 4 USB Type-B ports for source mouse/keyboard control (TPI-PRO-DVI-4 only)
- 2 USB Type-B ports for source mouse/keyboard control (TPI-PRO-DVI-2 only)
- DB9 RS-232 touch input connector for serial touch overlays
- 2 USB Type-A ports for USB touch overlays (can also be used for keyboard and mouse control)
- 2 DVI Output connectors to send out a maximum resolution of 1920 x 1200 @ 60 Hz
- 1 RJ-45 Ethernet port for network control
- 3.5 mm mini-jack for audio output
- 1 2-pin, 3.5 mm screw terminal connector for 12 V power

ENCLOSURE

Metal with black matte finish

ENVIRONMENTAL

- Operating Temperature: 0° C (32° F) to 40° C (104° F)
- Operating Humidity: 5% to 85% RH Non-Condensing
- Storage Temperature: -10° C (14° F) to 70° C (158° F)
- Storage Humidity: 0% to 85% RH Non-Condensing

CERTIFICATIONS

FCC Part Class B, CE, and IEC 60950

INCLUDED ACCESSORIES

- 2-pin PWR connector (41-5025)
- Assembly Kit (Four- #10-32 screws and Four-#10 washers) (KA0001)
- TPI-PRO Quick Start Guide (93-2275-101)
- Rack Ear brackets (Left/Right) for shelf, wall, and under-table mounting (60-0900-03)



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

PSN4.4	13.5 VDC, 4.4 A Power Supply with 3.5 mm Phoenix Connector	(FG423-45)
PSN6.5	13.5 VDC, 6.5 A Power Supply with (3) 3.5 mm Phoenix Connectors	(FG423-41)
CC-DVI-5BNCM	DVI to 5 BNC Male Cable	(FG10-2170-08)
CC-DVI-RCA3M	DVI to 3 RCA Male Cable	(FG10-2170-09)
CC-DVIM-VGAF	DVI to HD-15 Female Adapter	(FG10-2170-13)
CC-DVI-SVID	DVI to S-Video Cable	(FG10-2170-10)

NXV-300

Modero® Virtual Touch Panel

(FG2263-01)



OVERVIEW

The Modero NXV-300 is an ideal solution when you need the intelligence and ease of use that only a touch panel can offer but from remote locations - the back of the room, across the campus or anywhere over the Internet.

This small rack-mountable device (similar in size to an NI-700 NetLinX Controller) allows users to access their system via any PC or Mac via Virtual Network Connection (VNC). Users simply navigate to the device using a browser (Internet Explorer, Firefox and Safari for PCs and Firefox and Safari for Macs) and login with a username/password.

Except for viewing the device in a browser window and interacting with a mouse, everything looks and works exactly the same as using any Modero Touch Panel. And the NXV-300 is easily configured for viewing. It is viewable in two resolutions, 800x480 and 480x272, which allows the use of many existing touch panel page files.

COMMON APPLICATION

Ideal for simplified room control, convenient back-up in case a touch panel is inaccessible, cost-effective secondary control, or enhanced help desk support.

SPECIFICATIONS

DIMENSIONS (HWD)

1 5/8" x 5 1/2" x 4" (4.13 cm x 13.97 cm x 10.32 cm)

WEIGHT

1.40 lbs (.64 kg)

POWER REQUIREMENTS

- PoE powered – no local Power Supply needed
- IEEE 802.3af Compliant

MEMORY

- 64 Mbytes of RAM
- 256 Mbytes of FLASH

FRONT PANEL COMPONENTS

- Power LED (green): Lights to indicate that the unit has powered up
- Any state other than on indicates the unit is either not powered, or has not completed boot up
- Status LED (green): Lights to show the status of the connection between the NXV-300 and the Master
- User Connected LED (red): Lights to indicate a user remotely accessing the device
- Maximum User LED (yellow): Lights to indicate that the device has the maximum number of users (3) connected to it
- Reset Button: Holding reset button for 5 seconds will access the Setup pages. Holding reset button for 30 seconds will reset the device to factory defaults

REAR PANEL COMPONENTS

- Ethernet Port - 10/100 Ethernet with PoE. LEDs show communication activity, connection status, speeds, and mode information:
 - SPD (speed) - Yellow LED lights On when the connection speed is 100 Mbps and turns Off when the speed is 10 Mbps
 - L/A (link/activity) - Green LED lights On when the Ethernet cables are connected and terminated correctly, and blinks when receiving Ethernet data packets



Additional specifications for this product can be found on AMX.com



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



D-TOOLS CERTIFIED PRODUCT

This product can be found in the D-Tools manufacturer product database and specified as a third party device when building and proposing a system using D-Tools System Integrator software.

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

PS-POE-AF-TC

PoE Injector, 802.3AF Compliant

(FG423-83)

NXV-CPI

Control Phone Interface

(FG2263-03)



OVERVIEW

The NXV-CPI is the ideal solution for organizations that have already invested in Cisco® IP Phones that would like to add basic control to a room. The NXV-CPI allows Cisco Phone users to minimize their investment in new infrastructure by transforming Cisco Phones into Modero® Virtual Touch Panels. Using the phone's built-in touch screen, users can access and control lights, shades and other AV equipment in the room. Dealers can use the NXV-CPI as a cost-effective entry point to control. As control requirements grow, users can easily upgrade to an AMX Touch Panel. Setting up the system is easy. Simply browse to NXV-CPI's Web page, label the buttons and add the related NetLinx® control commands. NXV-CPI is compatible with Cisco models 7965G and 7975G.

COMMON APPLICATION

The NXV-CPI is ideal for entry level conference rooms who have already invested in Cisco IP phones that want to integrate AMX control into the room.

FEATURES

- Transform Cisco IP Phones into Modero Virtual Touch Panels – Gain access and control of the AMX system using the phone's built-in touch screen
- Cost-Effective Control from an IP Phone – Control lights, shades and AV equipment right from two fully integrated phones.
- Control any Room 4 Ways – Touch the screen, push the hard buttons, use the soft keys, or the numeric keypad.
- Power over Ethernet – Reduces installation costs and removes the need for a local power supply



TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/training



REVIT BIM

This product is part of the Autodesk Revit database and can be specified in designs for Building Information Modeling (BIM). Download the associated Revit .rfa file from the Autodesk SEEK Web site. It is also searchable under 'AMX' in any Autodesk application.

SPECIFICATIONS

DIMENSIONS (HWD)

- With feet: 1 11/16" x 5 9/16" x 4 1/8" (4.2 cm x 14.1 cm x 10.4 cm)
- Without feet: 1 1/2" x 5 9/16" x 4 1/8" (3.9 cm x 14.1 cm x 10.4 cm)

WEIGHT

1.45 lbs (0.65 kg)

POWER

PoE powered – no local power supply needed

MEMORY

- 64 Mbytes of RAM
- 256 Mbytes of FLASH

FRONT PANEL COMPONENTS

- Power LED (green): Solid on indicates power is on. Flashing indicates no network connection
- Status LED (green): Blinks to indicate that the unit is communicating with the NetLinx Master



Additional specifications for this product can be found on AMX.com

RECOMMENDED ACCESSORIES

DESCRIPTION

PART

PS-POE-AF-TC

PoE Injector, 802.3AF Compliant

(FG423-83)

EXP-5231

MVP-5200i, NI-3100 & NXA-WAP1000 EXPerience System

(FG5966-120K)

(FG5966-121K)

(FG5966-122K)

(FG5966-123K)



FEATURES

Four Kit Options

FG5966-120K

- MVP-5200i 5.2" Modero ViewPoint Touch Panel with Intercom - FG5966-01 – Gloss Black
- NI-3100 NetLinx Integrated Controller - FG2105-05
- NXA-WAP1000 Smart Wireless Access Point – FG2255-51 – For Operation in US

FG5966-121K

- MVP-5200i 5.2" Modero ViewPoint Touch Panel with Intercom - FG5966-02 – Gloss White
- NI-3100 NetLinx Integrated Controller - FG2105-05
- NXA-WAP1000 Smart Wireless Access Point – FG2255-51 – For Operation in US

FG5966-122K

- MVP-5200i 5.2" Modero ViewPoint Touch Panel with Intercom - FG5966-01 – Gloss Black
- NI-3100 NetLinx Integrated Controller - FG2105-05
- NXA-WAP1000 Smart Wireless Access Point – FG2255-53 – For Operation Outside the US

FG5966-123K

- MVP-5200i 5.2" Modero ViewPoint Touch Panel with Intercom - FG5966-02 – Gloss White
- NI-3100 NetLinx Integrated Controller - FG2105-05
- NXA-WAP1000 Smart Wireless Access Point – FG2255-53 – For Operation Outside the US



COUNTRY OF ORIGIN: MEXICO

To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.



COUNTRY OF ORIGIN: CHINA

To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.



COUNTRY OF ORIGIN: MALAYSIA

To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.

EXP-9031

MVP-9000i, NI-3100 & NXA-WAP1000 EXPerience System

(FG5967-101K)

(FG5967-102K)

(FG5967-103K)

(FG5967-104K)



FEATURES

Four Kit Options

FG5967-101K

- MVP-9000i 9" Modero ViewPoint Touch Panel with Intercom - FG5967-01 – Gloss Black
- NI-3100 NetLinx Integrated Controller - FG2105-05
- NXA-WAP1000 Smart Wireless Access Point – FG2255-51 – For Operation in US

FG5967-102K

- MVP-9000i 9" Modero ViewPoint Touch Panel with Intercom - FG5967-02 – Gloss White
- NI-3100 NetLinx Integrated Controller - FG2105-05
- NXA-WAP1000 Smart Wireless Access Point – FG2255-51 – For Operation in US

FG5967-103K

- MVP-9000i 9" Modero ViewPoint Touch Panel with Intercom - FG5967-01 – Gloss Black
- NI-3100 NetLinx Integrated Controller - FG2105-05
- NXA-WAP1000 Smart Wireless Access Point – FG2255-53 – For Operation Outside the US

FG5967-104K

- MVP-9000i 9" Modero ViewPoint Touch Panel with Intercom - FG5967-02 – Gloss White
- NI-3100 NetLinx Integrated Controller - FG2105-05
- NXA-WAP1000 Smart Wireless Access Point – FG2255-53 – For Operation Outside the US



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