DISTRIBUTED AUDIO

THE BEST-LOOKING SOUND ON THE MARKET
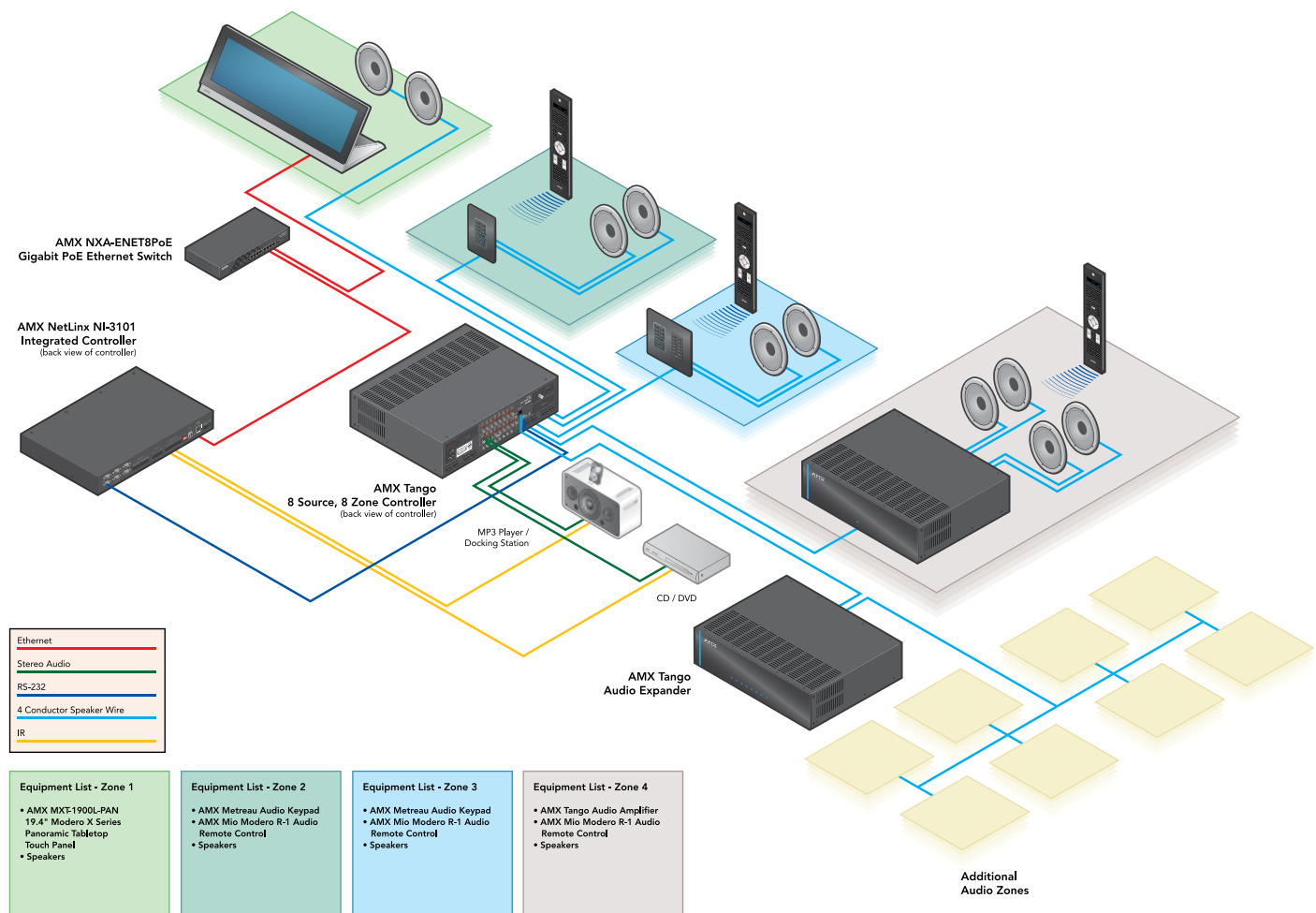## Stand Alone and Fully Integrated Audio Solutions

AMX has a broad range of products to provide quality sound and flexible control throughout a home or office. This includes multizone solutions designed for new construction or retrofit. In retrofit projects - Speaker Wire Technology allows customers to upgrade from control of just volume, to full control at a very low cost. This innovative solution uses existing installed speaker wire for transport, source selection and more - via a keypad or remote control.
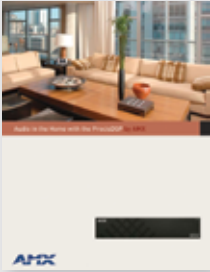
Distributed audio solutions can be integrated into broader AMX controlled installations or they can stand by themselves. The product line includes audio controllers, amplifiers, AM/FM/Satellite tuners, zone expanders, wall and ceiling speakers, remote controls, keypads, LCD touch pads, and more.

SYSTEM DIAGRAM

The Tango Audio Controller integrates all of your audio sources and makes them easily accessible from a single, centrally managed location. The DAS-T0808-SIG controls up to 8 sources and distributes audio to 8 rooms or zones. Control sources using the Mio R-1 Audio Remote Control and Metreau Audio Keypads via RS-232, IP address (using the optional DAS-MNET), or IR (using the DAS-IRRX-SWT and SWT-capable speakers).

AMX NXA-ENET8PoE
Gigabit PoE Ethernet Switch

AMX NetLinx NI-3101
Integrated Controller
(back view of controller)

AMX Tango
8 Source, 8 Zone Controller
(back view of controller)

MP3 Player /
Docking Station

CD / DVD

AMX Tango
Audio Expander

Ethernet
Stereo Audio
RS-232
4 Conductor Speaker Wire
IR

Additional
Audio Zones

Equipment List - Zone 1

• AMX MXT-1900L-PAN
  19.4" Modero X Series
  Panoramic Tabletop
  Touch Panel
• Speakers

Equipment List - Zone 2

• AMX Metreau Audio Keypad
• AMX Mio Modero R-1 Audio
  Remote Control
• Speakers

Equipment List - Zone 3

• AMX Metreau Audio Keypad
• AMX Mio Modero R-1 Audio
  Remote Control
• Speakers

Equipment List - Zone 4

• AMX Tango Audio Amplifier
• AMX Mio Modero R-1 Audio
  Remote Control
• Speakers

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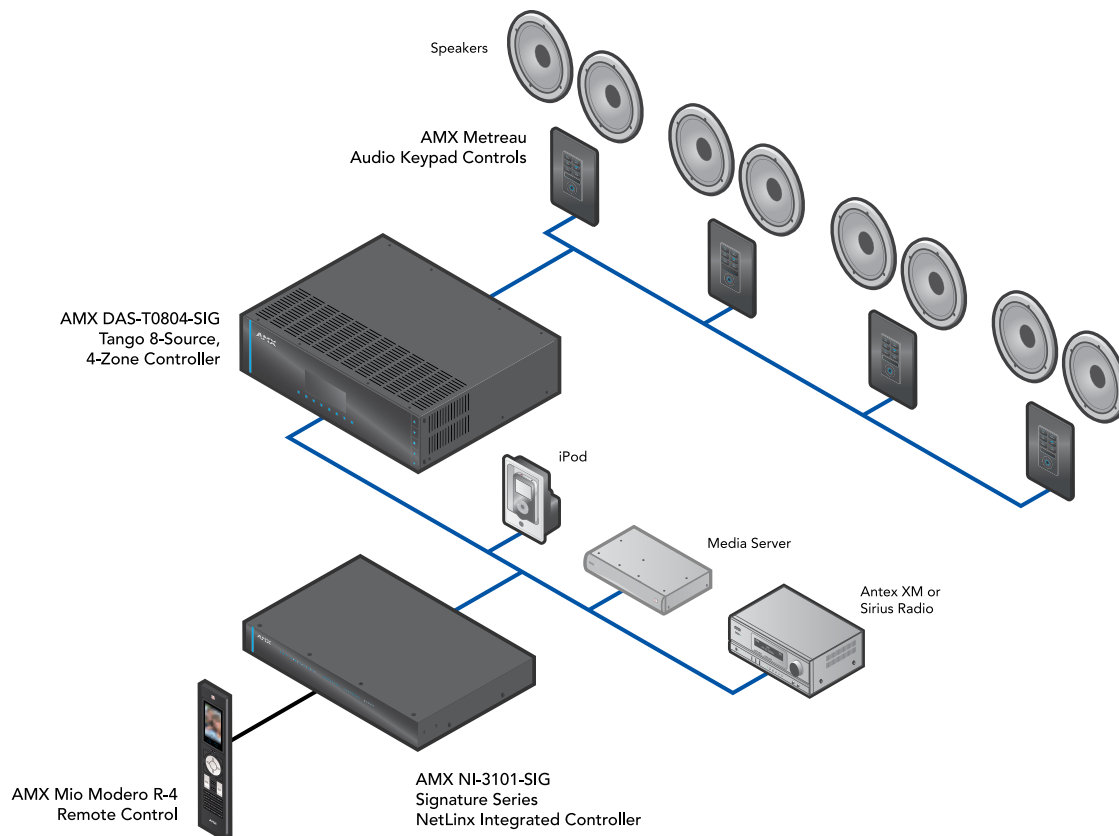
**Audio in the Home
PrecisDSP Brochure**
Our Precis DSP Distributed
Audio Solutions with integrated
digital signal processing are
specifically designed for the
discerning audio connoisseur
with a considerable number of
audio sources.

**Audio in the Home
Tango Brochure**
Welcome to Tango, the fully
compatible distributed audio
solution that delivers beautifully
vibrant sound to every room
of your home with style and
convenience.

SYSTEM DIAGRAM (CONT.)

Speakers

AMX Metreau
Audio Keypad Controls

AMX DAS-T0804-SIG
Tango 8-Source,
4-Zone Controller

iPod

Media Server

Antex XM or
Sirius Radio

AMX Mio Modero R-4
Remote Control

AMX NI-3101-SIG
Signature Series
NetLinx Integrated Controller

Precis DSP Fixed Matrix Switchers

Stereo Audio with RCA Digital Volume Control and
Digital Signal Processing

|		
AVS-PL-0808-00P	8x8 (1 RU)	(FGP37-0808-00P)
AVS-PL-1818-00P	18x18 (2 RU)	(FGP37-1818-00P)

OVERVIEW

The Precis DSP provides the ultimate solution for distributed audio by combining the functionality of a matrix switcher with the signal processing of an external equalization device. With robust features like a 10-band graphic equalizer, input gain, volume, tone, and balance control, the Precis DSP provides for exact customization of each output to support the attributes of the room or zone. The easy-to-use AutoPatch GraphicEQ setup software tool allows installers to manage all of the audio adjustments for the Precis DSP including adjusting the input gain to eliminate noticeable differences in volume as the user switches between various sources. Available in I/O sizes 8x8 or 18x18, the Precis DSP's standard RS-232 control port utilizes AutoPatch's BCS serial control protocol which allows it to be quickly and easily programmed when integrated into a control system.

COMMON APPLICATION

The Precis DSP is ideal for any residential or small commercial distributed audio installation.

FEATURES

• 10-band graphic equalizer on each output
• Digital balance, tone and volume control on each output
• Digital input gain control to normalize audio input voltages
• Gold-plated RCA connectors
• Standard RS-232 control port
• Supports AutoPatch's simple BCS serial control protocol
• Optional TCP/IP control via external APWeb module
• Ships with free APControl to provide easy single-user PC control of the matrix switcher
• Ships with free AutoPatch GraphicEQ setup software
• Rack mounting ears included
• Backed by our AMX 3 year warranty
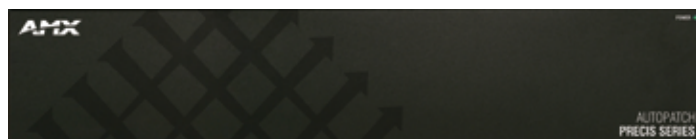
BULLSEYE TARGET PRODUCT
This is a Target Product as defined in the U.S. BullsEye Partnership Program. Participating AMX Dealers can be rewarded for purchasing Target Products as a % of their total annual net revenue.

HELPFUL HINT
Cut or boost frequencies by fine tuning your audio system to suit the physical characteristics of each room or zone. Then, sweeten the sound to suit the listener's taste.

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

AWARD WINNER
The Precis DSP was awarded the Cedia "Manufacturer's Excellence" honoring the five best new products for the residential industry, 2007.

QUICK SHIP
These industry leading fixed systems are ready to for immediate delivery, most will ship the same day and all shipments are guaranteed to leave our factory within five days after receipt of order.

DSP
Enhance the beauty of sound in every room with AMX's DSP technology providing integrated 10-band EQ, volume, tone and balance on each output to easily support the acoustical attributes of each individual room / zone.

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: UNITED STATES
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.

A CLOSER LOOK

Power Indicator

Power Switch

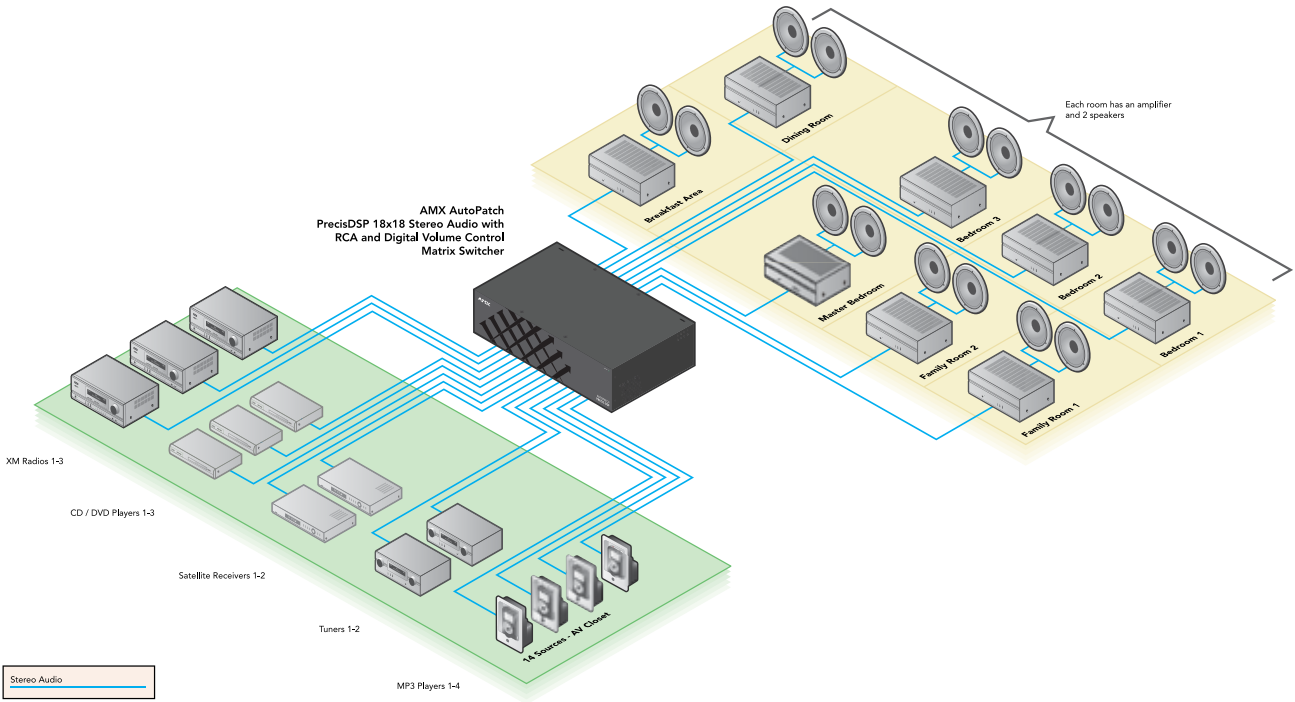Power Receptacle

RS-232 Control Port

RCA Inputs

RCA Outputs

AMX AutoPatch
PrecisDSP 18x18 Stereo Audio with
RCA and Digital Volume Control
Matrix Switcher

Each room has an amplifier
and 2 speakers

Dining Room

Breakfast Area

Bedroom 3

Master Bedroom

Bedroom 2

Bedroom 1

Family Room 2

Family Room 1

XM Radios 1–3

CD / DVD Players 1–3

Satellite Receivers 1–2

Tuners 1–2

14 Sources - AV Closet

MP3 Players 1–4

Stereo Audio

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SPECIFICATIONS

I/O RANGE
- 8x8
- 18x18

GENERAL
- AC Power: 100-240 VAC single phase, 50-60 Hz
- Power Consumption (Max): 80 Watts per enclosure
- Power Consumption (Typ): 45 Watts per enclosure, fully loaded enclosure
- BTU/HR (Max): 273
- BTU/HR (Typ): 154, fully loaded enclosure
- Operational Temperature: 32° to 95° F (0° to 35° C)
- Humidity: 0 to 90% non-condensing

8X8 DIMENSIONS (HWD) WITH RACK EARS
- 1 11/16" x 19" x 9 3/4"
- 4.3 cm x 48.3 cm x 24.8 cm

8X8 DIMENSIONS (HWD) WITHOUT RACK EARS
- 1 11/16" x 17 3/8" x 9 3/4"
- 4.3 cm x 44.2 cm x 24.8 cm
- RU: 1

18X18 DIMENSIONS (HWD) WITH RACK EARS
- 3 1/2" x 19" x 9 3/4"
- 8.9 cm x 48.3 cm x 24.8 cm

18X18 DIMENSIONS (HWD) WITHOUT RACK EARS
- 3 1/2" x 17 3/8" x 9 3/4"
- 8.9 cm x 44.2 cm x 24.8 cm
- RU: 2

WEIGHT
- 8x8: Appx. 7 lbs (3.18 kg)
- 18x18: Appx. 10.5 lbs (4.76 kg)

CERTIFICATIONS
UL, cUL, CE, RoHS / WEEE compliant

STANDARD AUDIO WITH DIGITAL VOLUME CONTROL
- Input Level (Max): +14 dBu, unbalanced
- Input Impedance: 2 kOhms
- Output Level (Max): +14 dBu, unbalanced
- Output Impedance: <5 Ohms
- Frequency Response: <0 to -0.8 dB (20 Hz to 20 kHz)
- THD + Noise: <0.1% (1 kHz, Vin = -10 to +10 dBu)
- Signal to Noise Ratio: >90 dB (20 Hz to 20 kHz, Vin = +14 dBu)
- Crosstalk: <-115 dB (1 kHz, Vin = +14 dBu)
- Input Gain Adj. Range: +10 dB to -10 dB, via serial commands / GraphicEQ software
- Output Volume Adj. Range: +10 dB to -70 dB (mute), via serial commands / GraphicEQ software
- Coupling: AC Coupled
- Connectors: RCA (Gold-plated RCA connectors)

DAS-T0808-SIG

Tango 8-Source, 8-Zone Controller

110 VAC Power	(FG1103-02)
220 VAC Power	(FG1103-04)

OVERVIEW

The Tango Audio Controller integrates all of your audio sources and makes them easily accessible from a single, centrally managed location. The DAS-T0808-SIG controls up to 8 sources and distributes audio to 8 rooms or zones. Control sources using the Mio R-1 Audio Control and Metreau Audio Keypads or with a PC using the optional DAS-MNET. Sources such as Satellite Receivers, CD Players, MP3 Players and Media Servers can be connected to the RCA source inputs on the rear panel. Tango's modular design allows it to grow with you to accommodate future technologies via replaceable tuner and interface cards. While it can inherently support 8 sources and 8 zones, up to 7 Tango Zone Expanders can be added to the system to add up to 64 rooms/zones.

COMMON APPLICATION

A good choice for distributed audio of up to 8 audio sources in dens, kitchens, living rooms, dining areas and around pools in residences, condominiums, restaurants, spas and small offices.

FEATURES

- Can control 8 sources and distribute to 8 rooms/zones
- Expandable to 64 zones with Tango Zone Expander
- 40 watts per channel of stereo sound delivered to each zone
- Includes AM/FM tuner
- Macro capable / Software adjustable input attenuation/output gain
- RS-232 control port and RJ-11 expansion ports
- Dedicated IR outputs, 8 audio inputs/outputs (buffered)
- 110 VAC (Included with FG1103-02) or 220 VAC (Included with FG1103-04) power supply

BULLSEYE TARGET PRODUCT
This is a Target Product as defined in the U.S. BullsEye Partnership Program. Participating AMX Dealers can be rewarded for purchasing Target Products as a % of their total annual net revenue.

QUICK TIP
Pair the Tango Audio Controller with the complementarily-styled NI-3101-SIG Signature Series NetLinx Integrated Controller to provide control of lighting, thermostats, pool/spa, window treatments, and other audio/video technologies.

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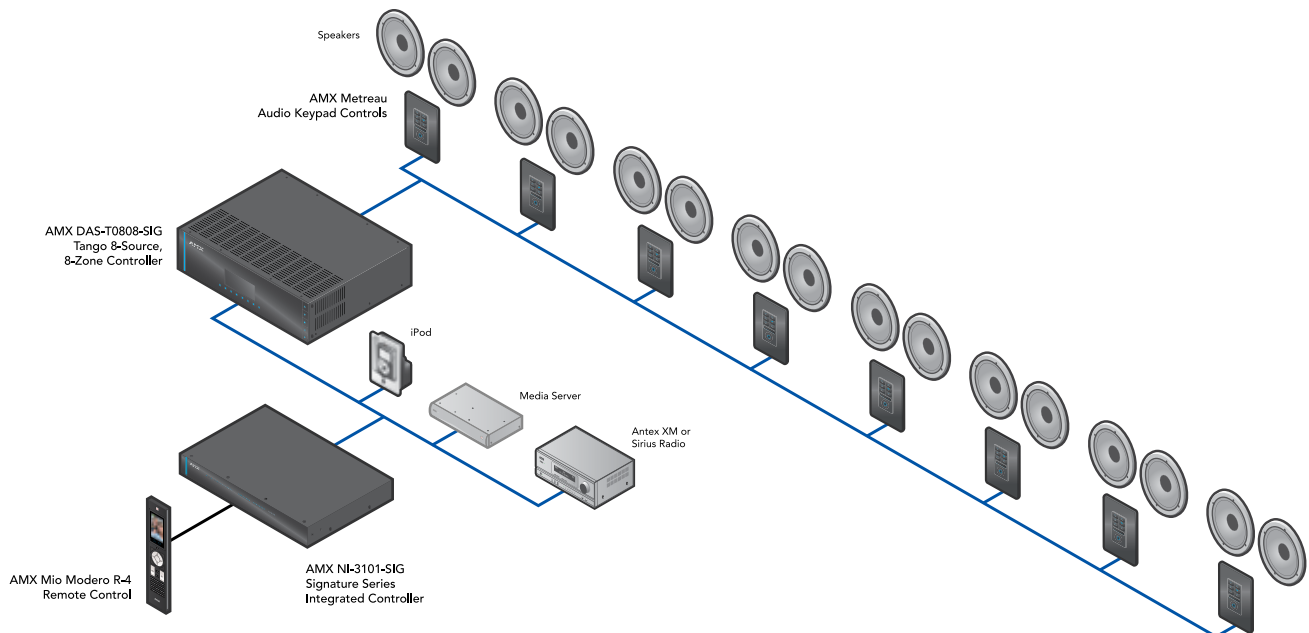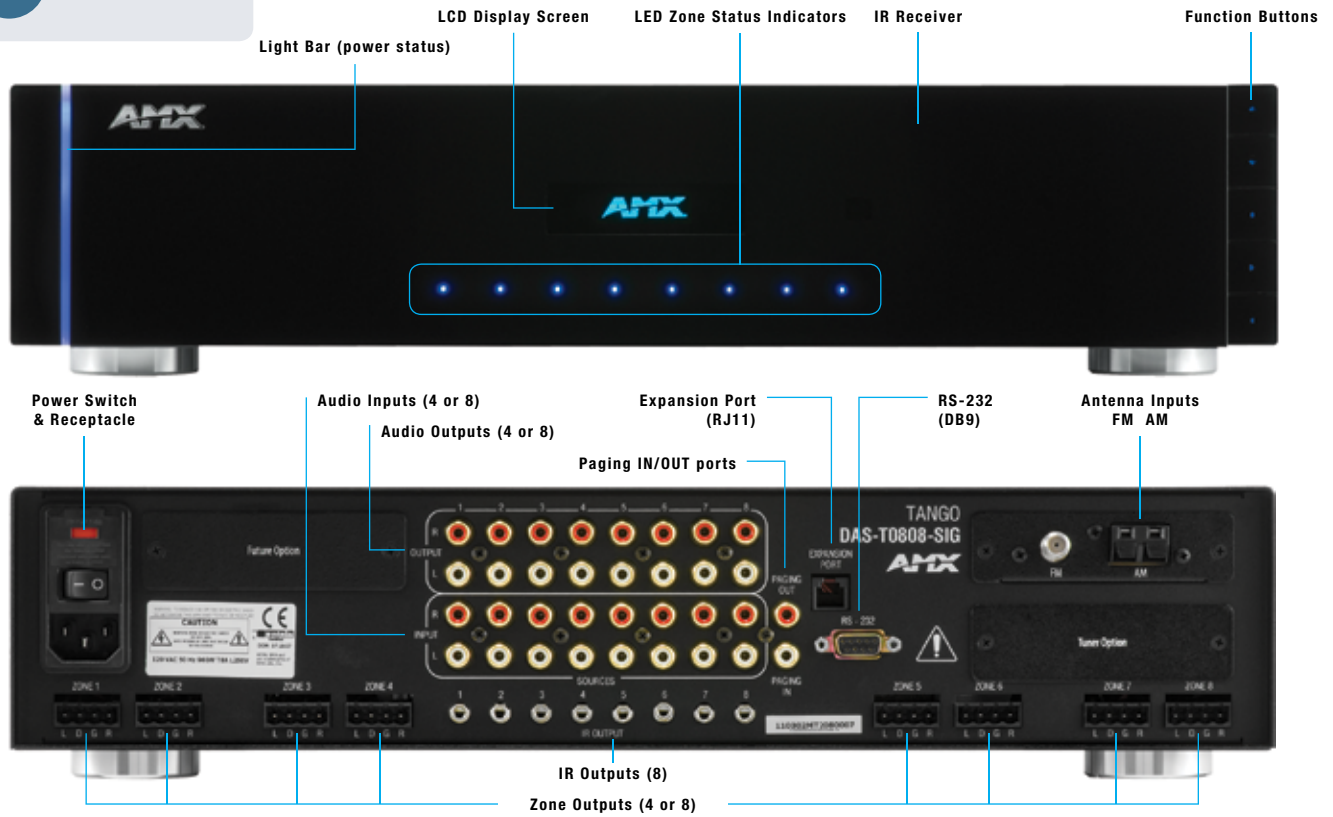
COUNTRY OF ORIGIN: UNITED STATES
To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.

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A CLOSER LOOK

LCD Display Screen · LED Zone Status Indicators · IR Receiver · Function Buttons

Light Bar (power status)

Power Switch
& Receptacle

Audio Inputs (4 or 8)

Audio Outputs (4 or 8)

Expansion Port
(RJ11)

Paging IN/OUT ports

RS-232
(DB9)

Antenna Inputs
FM   AM

IR Outputs (8)

Zone Outputs (4 or 8)

Speakers

AMX Metreau
Audio Keypad Controls

AMX DAS-T0808-SIG
Tango 8-Source,
8-Zone Controller

iPod

Media Server

Antex XM or
Sirius Radio

AMX Mio Modero R-4
Remote Control

AMX NI-3101-SIG
Signature Series
Integrated Controller

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SPECIFICATIONS

DIMENSIONS (HWD)
- 4" x 17" x 13 1/2" (10.2 cm x 43.2 cm x 34.3 cm)
- RU: 2

WEIGHT
31 lbs (14.1 kg)

POWER
- Average usage: 300 W
- Maximum: 960 W

ZONE SUPPORT
- Eight independent audio zones
- Each zone is protected thermally
- Zone grouping
- Independent volume, bass, treble, balance and SRS controls in each zone

STEREO AMPLIFIERS
- 40 W per channel stereo amplifiers (20 Hz to 20 KHz @ .1% THD)
- Amplifiers are protected from overload and thermal runaway

FRONT PANEL COMPONENTS
- Light Bar: Blue light bar indicates power status
- LEDs: Blue LEDs indicate level status
- Function/Navigation Buttons: 5 pushbuttons allow for front panel programming, selection of sources, tuning AM/FM radio stations, or Sirius satellite radio stations (when equipped with the optional Sirius and/or AM/FM Tuner Card)
- IR Receiver: This is where you must aim the remotes from your audio source components so the controller can learn and emulate those commands
- LCD Display: Displays information necessary during the programming steps as well as information about the source input and zone activity

REAR PANEL COMPONENTS
- Power Switch/Receptacle: Master power switch remains in the ON position normally
- Paging In/Out Ports: RCA jacks to connect to paging devices (any audio input can be used as a paging device). The Paging device connects to the Controller via the "Paging In" connector. The "Paging Out" connector is used to carry the page to Zone Expander(s).
- RJ-45: Port for PC control
- RS-232 Port: DB9 connector allows the Tango Audio Controller to receive controller command messages and provide status messages. This port is intended primarily for troubleshooting or connection to a NetLinx Controller .
- AM/FM Antenna Inputs: Connections for the AM and FM antennas
- Audio Inputs: stereo inputs, 47K impedance, buffered
- Audio Outputs: stereo looping outputs, buffered
- IR Outputs: Eight IR 3.5 mm mono output jacks
- Zone Outputs: 8 zone output connectors (connect to speakers or Metreau audio keypads)
- Expansion Port: RJ-11 port connects controller with zone expanders

INCLUDED ACCESSORIES
- IR01 IR Emitter Module (FG-IR01)
- FM Antenna
- Power Cord

RECOMMENDED ACCESSORIES	DESCRIPTION	PART #	PAGE #
DAS-MET-6SRC	6-Source Audio Keypad	(FG1122-01-xx)	656
DAS-MET-NUM	Numeric Audio Keypad	(FG1122-02-xx)	657
DAS-T0808X-SIG	Tango 8-Zone Expander	(FG1103-12)	645
DAS-T0804X-SIG	Tango 4-Zone Expander	(FG1103-11)	647
DAS-TAMP8-SIG	Tango 8-Channel Amplifier	(FG1103-22)	649
DAS-TAMP4-SIG	Tango 4-Channel Amplifier	(FG1103-21)	651
DAS-AMFM	AM/FM Tuner Module	(FG1110-01)	654
DAS-MNET	Network Interface Card	(FG1101-61)	654
DAS-MRMK	Rack Mount Kit	(FG1101-60)	655

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AMX   641

8 | 4
Sources • Zones

DAS-T0804-SIG

Tango 8-Source, 4-Zone Controller

110 VAC Power	(FG1103-01)
220 VAC Power	(FG1103-03)

OVERVIEW

The Tango Audio Controller integrates all of your audio sources and makes them easily accessible from a single, centrally managed location. The DAS-T0804-SIG controls up to 8 sources and distributes audio to up to 4 rooms or zones. Control sources using the Mio R-1 Audio Control and Metreau Audio Keypads or with a PC using the optional DAS-MNET. Sources such as Satellite Receivers, CD Players, MP3 Players and Media Servers can be connected to the RCA source inputs on the rear panel. Tango's modular design allows it to grow with you to accommodate future technologies via replaceable tuner and interface cards. While it can inherently support 8 sources and 4 zones, up to 7 Tango Zone Expanders can be added to the system to add up to 60 rooms/zones.

COMMON APPLICATION

Ideal for central control of multiple audio sources in kitchens, patios, bedrooms, bathrooms and living areas in single-family homes, condominium buildings, restaurants, spas and small offices.

FEATURES

- Can control 8 sources and distribute to 4 rooms/zones
- Expandable to 60 zones with Tango Zone Expander
- 40 watts per channel of stereo sound delivered to each zone
- Includes AM/FM tuner
- Macro capable / Software adjustable input attenuation/output gain
- RS-232 control port and RJ-11 expansion ports
- Dedicated IR outputs, 8 audio inputs/outputs (buffered)
- 110 VAC (Included with FG1103-02) or 220 VAC (Included with FG1103-04) power supply

BULLSEYE TARGET PRODUCT
This is a Target Product as defined in the U.S. BullsEye Partnership Program. Participating AMX Dealers can be rewarded for purchasing Target Products as a % of their total annual net revenue.

QUICK TIP
Pair the Tango Audio Controller with the complementarily-styled NI-3101-SIG Signature Series NetLinx Integrated Controller to provide control of lighting, thermostats, pool/spa, window treatments, and other audio/video technologies.

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

D-TOOLS CERTIFIED PRODUCT
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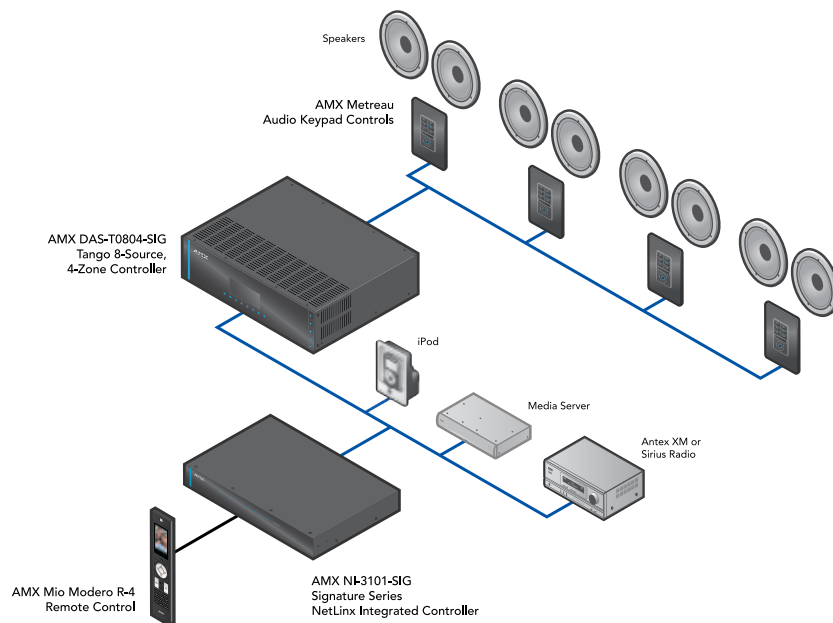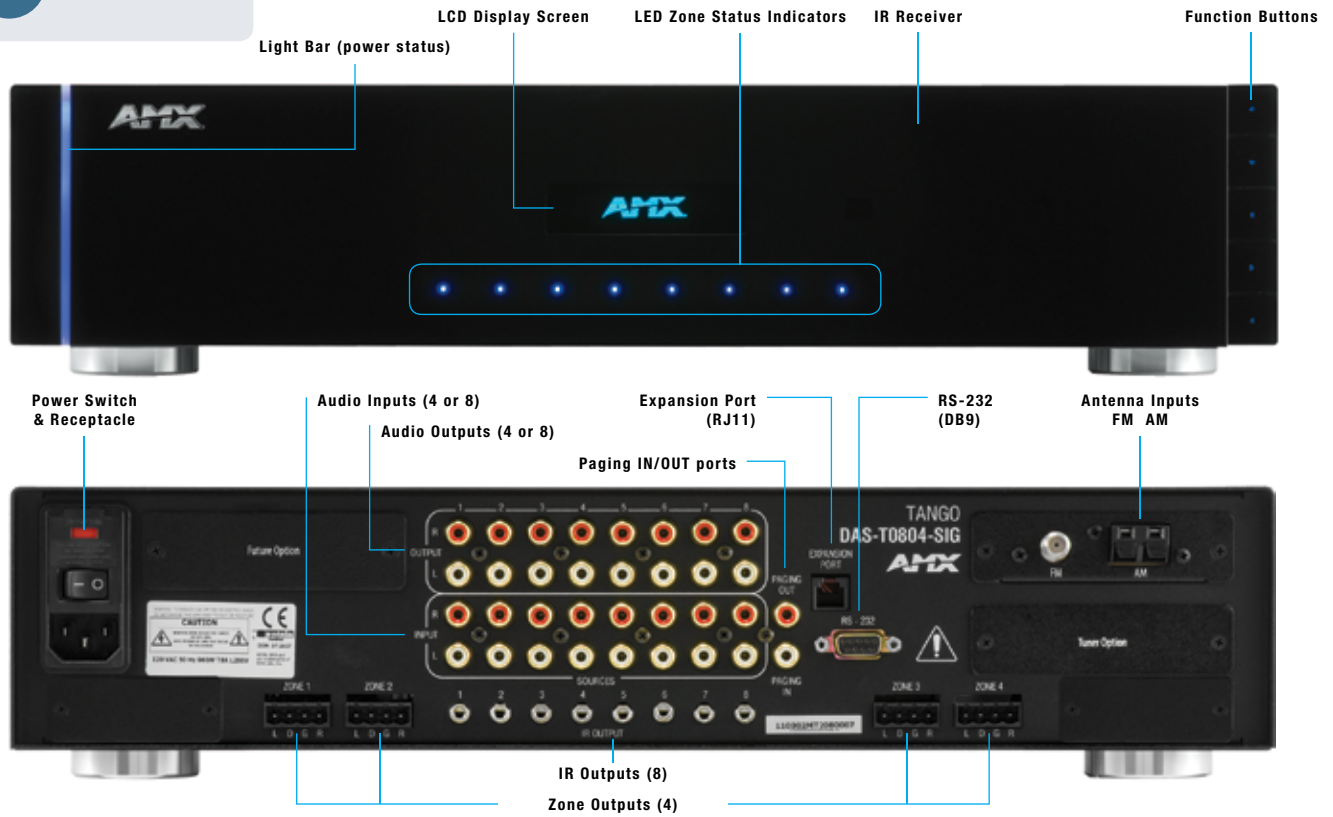
COUNTRY OF ORIGIN: UNITED STATES
To satisfy the requirements/regulations of existing or future government programs, this two-letter code is being provided to designate the country of origin for this product.

A CLOSER LOOK

LCD Display Screen   LED Zone Status Indicators   IR Receiver   Function Buttons

Light Bar (power status)

Power Switch
& Receptacle

Audio Inputs (4 or 8)

Audio Outputs (4 or 8)

Expansion Port
(RJ11)

Paging IN/OUT ports

RS-232
(DB9)

Antenna Inputs
FM   AM

TANGO
DAS-T0804-SIG
AMX

IR Outputs (8)

Zone Outputs (4)

Speakers

AMX Metreau
Audio Keypad Controls

AMX DAS-T0804-SIG
Tango 8-Source,
4-Zone Controller

iPod

Media Server

Antex XM or
Sirius Radio

AMX Mio Modero R-4
Remote Control

AMX NI-3101-SIG
Signature Series
NetLinx Integrated Controller

SPECIFICATIONS

DIMENSIONS (HWD)
- 4" x 17" x 13 1/2" (10.2 cm x 43.2 cm x 34.3 cm)
- RU: 2

WEIGHT
31 lbs (14.1 kg)

POWER
- Average usage: 300 W
- Maximum: 960 W

ZONE SUPPORT
- Four independent audio zones
- Each zone is protected thermally
- Zone grouping
- Independent volume, bass, treble, balance and SRS controls in each zone

STEREO AMPLIFIERS
- 40 W per channel stereo amplifiers (20 Hz to 20 KHz @ .1% THD)
- Amplifiers are protected from overload and thermal runaway

FRONT PANEL COMPONENTS
- Light Bar: Blue light bar indicates power status
- LEDs: Blue LEDs indicate level status
- Function/Navigation Buttons: 5 pushbuttons allow for front panel programming, selection of sources, tuning AM/FM radio stations, or Sirius satellite radio stations (when equipped with the optional Sirius and/or AM/FM Tuner Card)
- IR Receiver: This is where you must aim the remotes from your audio source components so the controller can learn and emulate those commands
- LCD Display: Displays information necessary during the programming steps as well as information about the source input and zone activity

REAR PANEL COMPONENTS
- Power Switch/Receptacle: Master power switch remains in the ON position normally
- Paging In/Out Ports: RCA jacks to connect to paging devices (any audio input can be used as a paging device). The Paging device connects to the Controller via the "Paging In" connector. The "Paging Out" connector is used to carry the page to Zone Expander(s).
- RJ-45: Port for PC control
- RS-232 Port: DB9 connector allows the Tango Audio Controller to receive controller command messages and provide status messages. This port is intended primarily for troubleshooting or connection to a NetLinx Controller.
- AM/FM Antenna Inputs: Connections for the AM and FM antennas
- Audio Inputs: stereo inputs, 47K impedance, buffered
- Audio Outputs: stereo looping outputs, buffered
- IR Outputs: Four IR 3.5 mm mono output jacks
- Zone Outputs: 4 zone output connectors (connect to speakers or Metreau audio keypads)
- Expansion Port: RJ-11 port connects controller with zone expanders

INCLUDED ACCESSORIES
- IR01 IR Emitter Module (FG-IR01)
- FM Antenna
- Power Cord

RECOMMENDED ACCESSORIES

	DESCRIPTION	PART #	PAGE #
DAS-MET-6SRC	6-Source Audio Keypad	(FG1122-01-xx)	656
DAS-MET-NUM	Numeric Audio Keypad	(FG1122-02-xx)	657
DAS-T0808X-SIG	Tango 8-Zone Expander	(FG1103-12)	645
DAS-T0804X-SIG	Tango 4-Zone Expander	(FG1103-11)	647
DAS-TAMP8-SIG	Tango 8-Channel Amplifier	(FG1103-22)	649
DAS-TAMP4-SIG	Tango 4-Channel Amplifier	(FG1103-21)	651
DAS-AMFM	AM/FM Tuner Module	(FG1110-01)	654
DAS-MNET	Network Interface Card	(FG1101-61)	654
DAS-MRMK	Rack Mount Kit	(FG1101-60)	655

8 | 8
Sources • Zones

DAS-T0808X-SIG

Tango 8-Zone Expander

110 VAC Power	(FG1103-12)
220 VAC Power	(FG1103-14)

OVERVIEW

The Tango Zone Expander is used in conjunction with the Tango Audio Controller when additional audio zones are needed. Each DAS-T0808X-SIG adds 8 zones, and up to 7 Expanders can be added to each Tango Audio Controller for a total of 64 zones per system. Like the Tango Audio Controller, 40 watts per channel of stereo sound are delivered to each zone. Audio can be retrieved from any one of eight sources connected to the Tango Audio Controller.

COMMON APPLICATION

Expanding the number of distributed audio zones in a system. Commonly found in single-family homes, condominium buildings, restaurants, spas and small offices.

FEATURES

• Supports 8 sources and 8 zones
• Up to 7 Tango Zone Expanders can be used in each system for support of up to 64 zones
• 40 watts per channel stereo sound to each zone

BULLSEYE TARGET PRODUCT
This is a Target Product as defined in the U.S. BullsEye Partnership Program. Participating AMX Dealers can be rewarded for purchasing Target Products as a % of their total annual net revenue.

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.

SPECIFICATIONS

DIMENSIONS (HWD)
• 3 1/2" x 17" x 13 1/2" (8.9 cm x 43.2 cm x 34.3 cm)
• RU: 2

WEIGHT
27.9 lbs (12.7 kg)

POWER
• Average usage: 300 W
• Maximum: 960 W

STEREO OUTPUT
40 W per channel stereo (20 Hz to 20 KHz @ .1% THD)

AUDIO INPUTS
8 Stereo Inputs, 47K impedance

AUDIO OUTPUTS
8 Stereo Looping Outputs

ZONE SUPPORT
Eight independent audio zones

FRONT PANEL COMPONENTS
• Light Bar: Blue light bar indicates power status
• LEDs: Blue LEDs indicate active zones

REAR PANEL COMPONENTS
• Power Switch/Receptacle: Master power switch remains in the ON position normally
• Paging In/Out Ports: RCA jacks to connect to paging devices (any audio input can be used as a paging device). The Paging device connects to the Controller via the "Paging In" connector. The "Paging Out" connector is used to carry the page to Zone Expander(s)
• Expansion IN Port: RJ-11 - From Controller or other Zone Expander
• Expansion OUT Port: RJ-11 - To another Zone Expander
• Address Switch: Sets the address of the Zone Expander and the zones within that Expander
• Zone Outputs: Connections for up to 8 zone outputs that connect to the keypads

INCLUDED ACCESSORIES
Power Cable

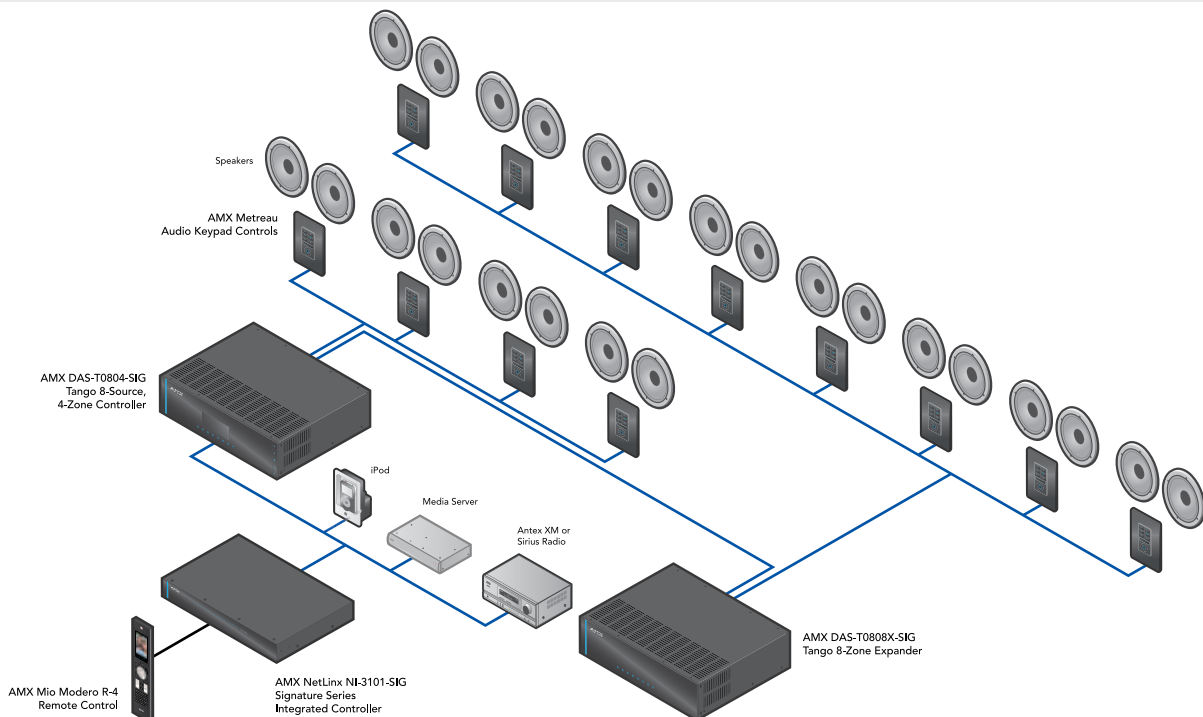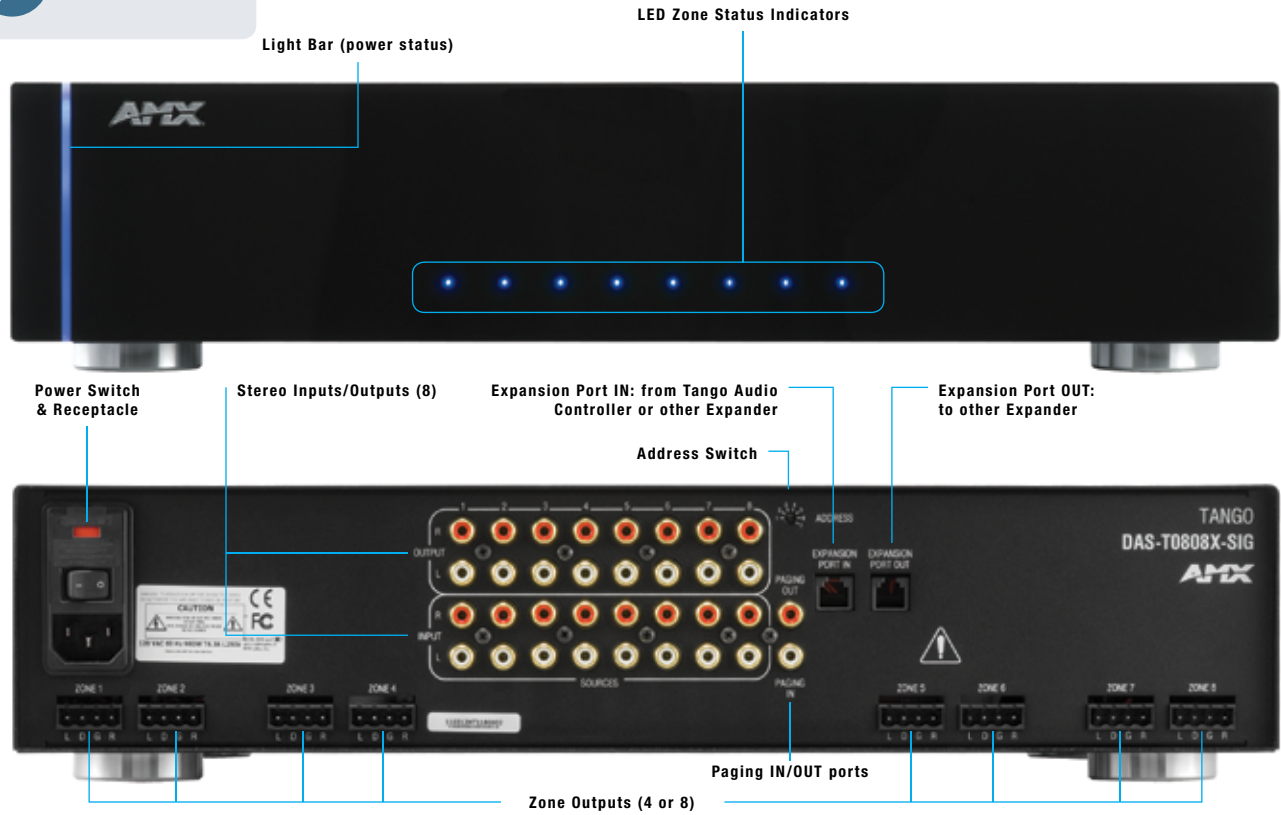| RECOMMENDED ACCESSORIES	DESCRIPTION	PART #	PAGE #
DAS-MRMK	Rack Mount Kit	(FG1101-60)	655

A CLOSER LOOK

LED Zone Status Indicators

Light Bar (power status)

Power Switch & Receptacle

Stereo Inputs/Outputs (8)

Expansion Port IN: from Tango Audio Controller or other Expander

Expansion Port OUT: to other Expander

Address Switch

Paging IN/OUT ports

Zone Outputs (4 or 8)

Speakers

AMX Metreau Audio Keypad Controls

AMX DAS-T0804-SIG Tango 8-Source, 4-Zone Controller

iPod

Media Server

Antex XM or Sirius Radio

AMX DAS-T0808X-SIG Tango 8-Zone Expander

AMX Mio Modero R-4 Remote Control

AMX NetLinx NI-3101-SIG Signature Series Integrated Controller

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8 | 4
Sources • Zones

DAS-T0804X-SIG

Tango 4-Zone Expander

| 110 VAC Power | (FG1103-11) |
| 220 VAC Power | (FG1103-13) |

OVERVIEW

The Tango Zone Expander is used in conjunction with the Tango Audio Controller when additional audio zones are needed. Each DAS-T0804X-SIG adds 4 zones, and up to 7 Expanders can be added to each Tango Audio Controller for a total of up to 60 zones per system. Like the Tango Audio Controller, 40 watts per channel of stereo sound are delivered to each zone. Audio can be retrieved from any one of eight sources connected to the Tango Audio Controller.

COMMON APPLICATION

Expanding the number of distributed audio zones in a system. Commonly found in single-family homes, condominium buildings, restaurants, spas and small offices.

FEATURES

- Supports 8 sources and 4 zones
- Up to 7 Tango Zone Expanders can be used in each system for support of up to 60 zones
- 40 watts per channel stereo sound to each zone

BULLSEYE TARGET PRODUCT
This is a Target Product as defined in the U.S. BullsEye Partnership Program. Participating AMX Dealers can be rewarded for purchasing Target Products as a % of their total annual net revenue.

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.

SPECIFICATIONS

DIMENSIONS (HWD)
- 3 1/2" x 17" x 13 1/2" (8.9 cm x 43.2 cm x 34.3 cm)
- RU: 2

WEIGHT
27.9 lbs (12.7 kg)

POWER
- Average usage: 300 W
- Maximum: 960 W

STEREO OUTPUT
40 W per channel stereo (20 Hz to 20 KHz @ .1% THD)

AUDIO INPUTS
8 Stereo Inputs, 47K impedance

AUDIO OUTPUTS
8 Stereo Looping Outputs

ZONE SUPPORT
Four independent audio zones

FRONT PANEL COMPONENTS
- Light Bar: Blue light bar indicates power status
- LEDs: Blue LEDs indicate active zones

REAR PANEL COMPONENTS
- Power Switch/Receptacle: Master power switch remains in the ON position normally
- Paging In/Out Ports: RCA jacks to connect to paging devices (any audio input can be used as a paging device). The Paging device connects to the Controller via the "Paging In" connector. The "Paging Out" connector is used to carry the page to Zone Expander(s)
- Expansion IN Port: RJ-11 - From Controller or other Zone Expander
- Expansion OUT Port: RJ-11 - To another Zone Expander
- Address Switch: Sets the address of the Zone Expander and the zones within that Expander
- Zone Outputs: Connections for up to 4 zone outputs that connect to the keypads

INCLUDED ACCESSORIES
Power Cable

RECOMMENDED ACCESSORIES	DESCRIPTION	PART #	PAGE #
DAS-MRMK	Rack Mount Kit	(FG1101-60)	655

A CLOSER LOOK

LED Zone Status Indicators

Light Bar (power status)

Power Switch & Receptacle

Stereo Inputs/Outputs (8)

Expansion Port IN: from Tango Audio Controller or other Expander

Expansion Port OUT: to other Expander

Address Switch

Paging IN/OUT ports

Zone Outputs (4)

Speakers

AMX Metreau Audio Keypad Controls

AMX DAS-T0804X-SIG Tango 8-Source, 4-Zone Controller

iPod

Media Server

Antex XM or Sirius Radio

AMX DAS-T0804X-SIG Tango 4-Zone Expander

AMX Mio Modero R-4 Remote Control

AMX NetLinx NI-3101-SIG Signature Series Integrated Controller

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DAS-TAMP8-SIG

Tango 8-Channel Amplifier

110 VAC Power	(FG1103-22)
220 VAC Power	(FG1103-24)

OVERVIEW

Where more than one pair of speakers is required in a zone, the Tango 8-channel Amplifier provides the extra power needed to drive up to 4 additional speaker pairs. The DAS-TAMP8-SIG is an 8-channel amp that supports the addition of 4 speaker pairs in one zone. Add up to 3 Tango amplifiers per zone to gain up to 12 additional speaker pairs.

COMMON APPLICATION

Use Tango Amplifiers in backyards, large rooms or other zones where up to 4 additional speaker pairs (8 additional speakers) are needed.

FEATURES

- High-quality sound - delivers 60 watts of high-quality sound per channel
- Includes an 8-channel amp that supports 4 speakers pairs
- Expandable configuration - stack up to three Tango Amplifiers units per zone to gain up to 12 additional speaker pairs (24 channels)
- Easy installation - speaker wire technology makes installation simple using four-conductor speaker wire

BULLSEYE TARGET PRODUCT
This is a Target Product as defined in the U.S. BullsEye Partnership Program. Participating AMX Dealers can be rewarded for purchasing Target Products as a % of their total annual net revenue.

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

SPECIFICATIONS

DIMENSIONS (HWD)
- 3 1/16" x 17" x 13 1/2" (7.7 cm x 43.2 cm x 33.5 cm)
- RU: 2

WEIGHT
25.8 lbs (11.7 kg)

POWER
- Average usage: 250 W
- Maximum: 750 W
- High current Torroidal power supply

STEREO OUTPUT
- Dual mono amplifier stage design
- 60 W per channel (1 KHz continuous .006%@ 8 Ohms THD+N)
- Each Tango amplifier is capable of providing 480 W @ 8 Ohms

CONFIGURATION
- Modular Design - configurable in single pairs up to 4 stereo pairs (8 channels)
- Stackable up to 3 Tango Amplifiers or 12 stereo pairs (24 channels)

CONTROL OPTIONS
- Metreau Audio Keypads
- C-Series or W-Series speakers using SWT

FRONT PANEL COMPONENTS
- Light Bar: Blue light bar indicates power status
- LEDs: Blue LED lights when active

REAL PANEL COMPONENTS
- Power Switch/Receptacle: Master power switch remains in the ON position normally
- Output 1-4: SWT connectors provide direct connection to speakers
- From Controller: SWT input port (connects to Tango Audio Controller)
- To Keypad: SWT output port (connects to Metreau keypad or interface)

INCLUDED ACCESSORIES
- Power Cable

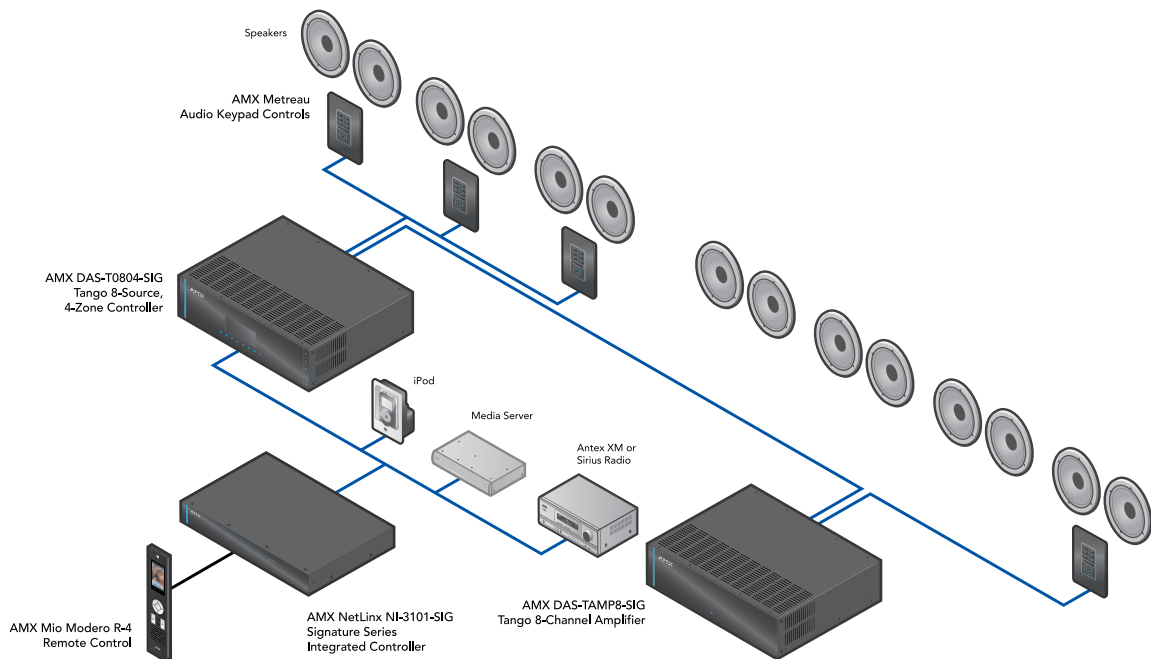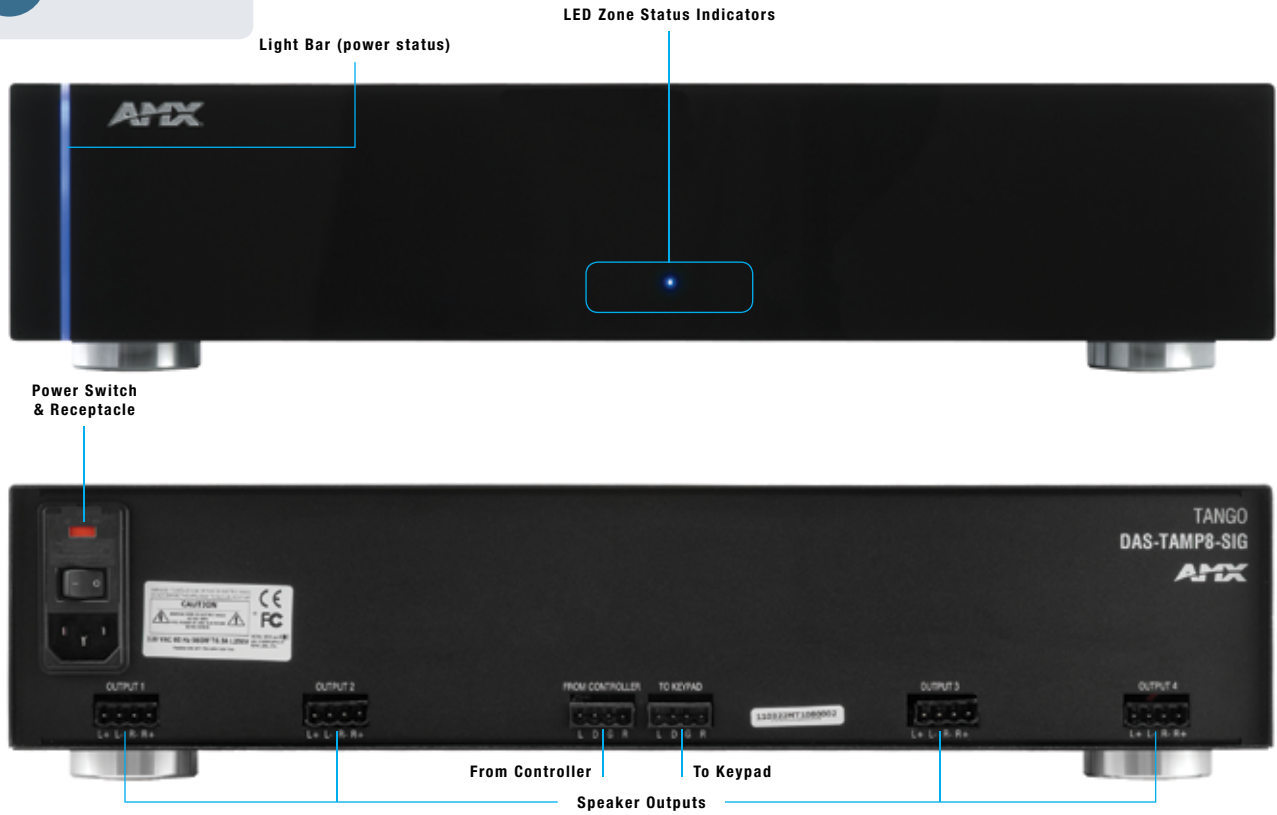| RECOMMENDED ACCESSORIES	DESCRIPTION	PART #	PAGE #
DAS-MRMK	Rack Mount Kit	(FG1101-60)	655

A CLOSER LOOK

LED Zone Status Indicators

Light Bar (power status)

Power Switch
& Receptacle

TANGO
DAS-TAMP8-SIG

From Controller   To Keypad

Speaker Outputs

Speakers

AMX Metreau
Audio Keypad Controls

AMX DAS-T0804-SIG
Tango 8-Source,
4-Zone Controller

iPod

Media Server

Antex XM or
Sirius Radio

AMX Mio Modero R-4
Remote Control

AMX NetLinx NI-3101-SIG
Signature Series
Integrated Controller

AMX DAS-TAMP8-SIG
Tango 8-Channel Amplifier

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DAS-TAMP4-SIG
Tango 4-Channel Amplifier

110 VAC Power	(FG1103-21)
220 VAC Power	(FG1103-23)

OVERVIEW

Where more than one pair of speakers is required in a zone, the Tango 4-channel Amplifier provides the extra power needed to drive up to 2 additional speaker pairs. The DAS-TAMP4-SIG is a 4-channel amp that supports the addition of 2 speaker pairs in one zone. Add up to 3 Tango amplifiers per zone to gain up to 6 additional speaker pairs.

COMMON APPLICATION

Use Tango Amplifiers in backyards, large rooms or other zones where where up to 2 additional speaker pairs (4 additional speakers) are needed.

FEATURES

- High-quality sound - delivers 60 watts of high-quality sound per channel
- Includes an 4-channel amp that supports 2 speakers pairs
- Expandable configuration - stack up to three Tango Amplifiers units per zone to gain up to 6 additional speaker pairs (12 channels)
- Easy installation - speaker wire technology makes installation simple using four-conductor speaker wire

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

SPECIFICATIONS

DIMENSIONS (HWD)
- 3 1/16" x 17" x 13 1/2" (7.7 cm x 43.2 cm x 33.5 cm)
- RU: 2

WEIGHT
25.8 lbs (11.7 kg)

POWER
- Average usage: 125 W
- Maximum: 375 W
- High current Torroidal power supply

STEREO OUTPUT
- Dual mono amplifier stage design
- 60 W per channel (1 KHz continuous .006%@ 8 Ohms THD+N)
- Each Tango amplifier is capable of providing 240 W @ 8 Ohms

CONFIGURATION
- Modular Design - configurable in single pairs up to 4 stereo pairs (8 channels)
- Stackable up to 3 Tango Amplifiers or 12 stereo pairs (24 channels)

CONTROL OPTIONS
- Metreau Audio Keypads
- C-Series or W-Series speakers using SWT

FRONT PANEL COMPONENTS
- Light Bar: Blue light bar indicates power status
- LEDs: Blue LED lights when active

REAR PANEL COMPONENTS
- Power Switch/Receptacle: Master power switch remains in the ON position normally
- Output 1-4: SWT connectors provide direct connection to speakers
- From Controller: SWT input port (connects to Tango Audio Controller)
- To Keypad: SWT output port (connects to Metreau keypad or interface)

INCLUDED ACCESSORIES
Power Cable

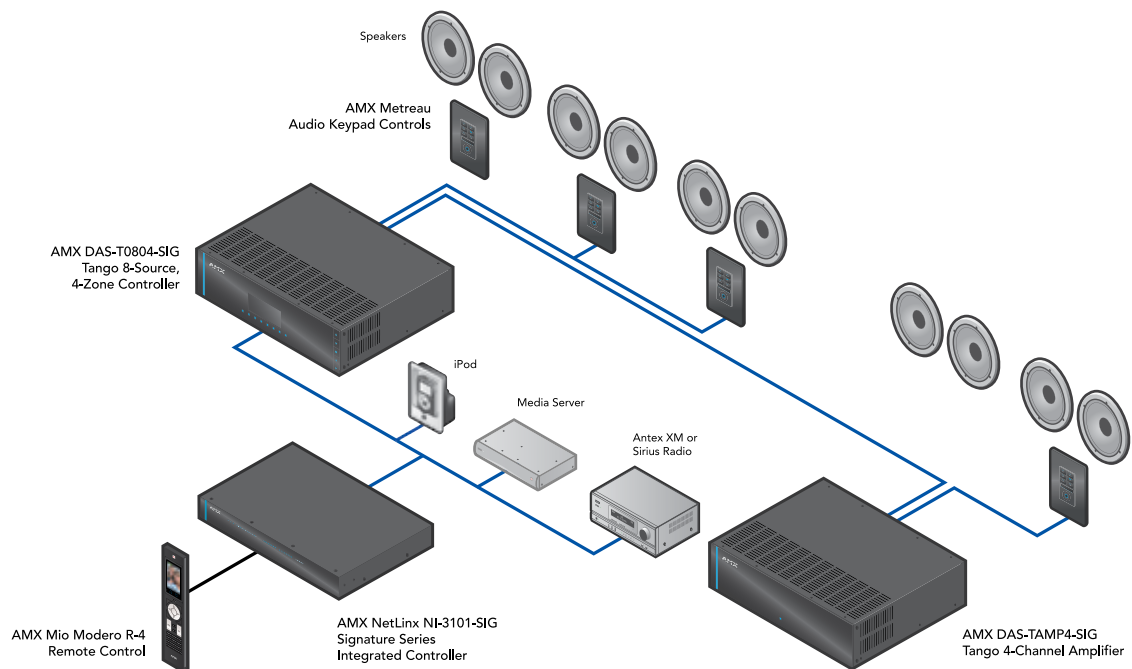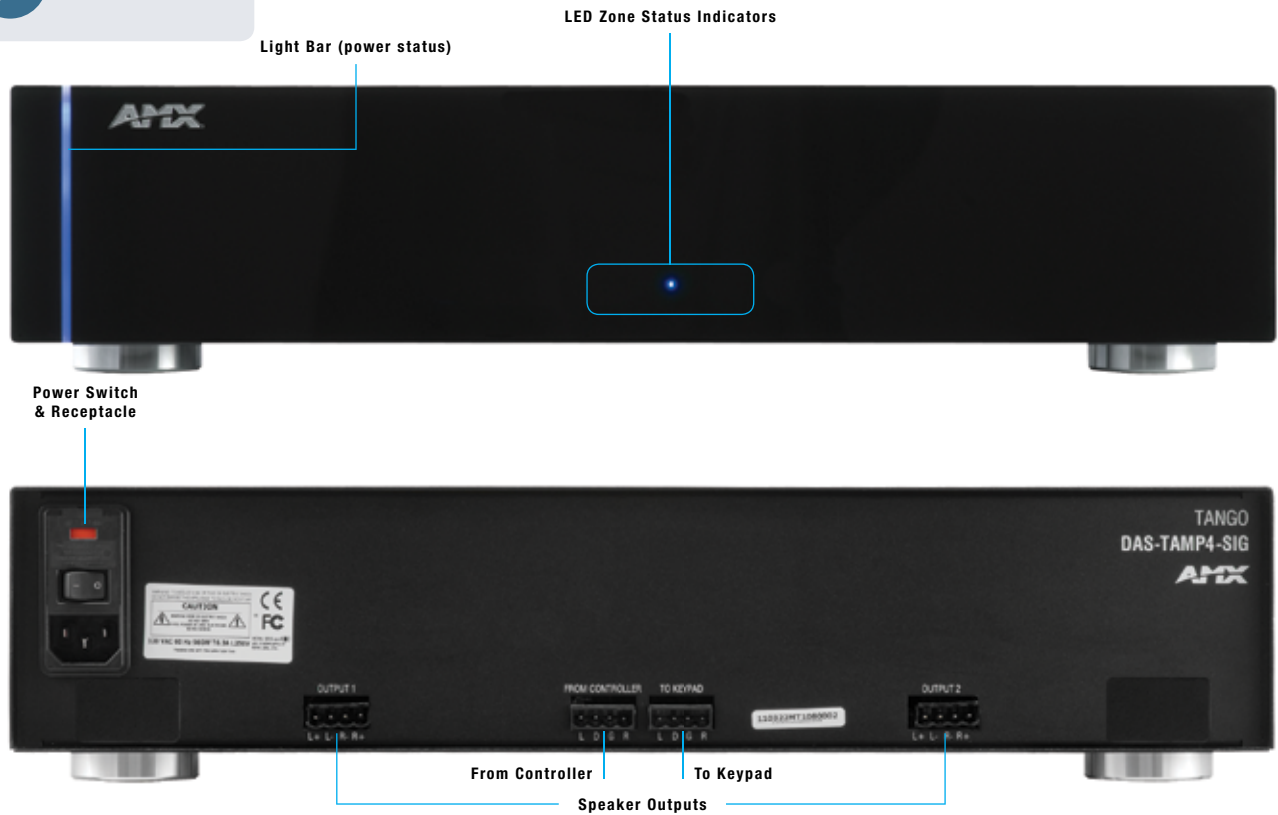| RECOMMENDED ACCESSORIES	DESCRIPTION	PART #	PAGE #
DAS-MRMK	Rack Mount Kit	(FG1101-60)	655

A CLOSER LOOK

Light Bar (power status)

LED Zone Status Indicators

Power Switch & Receptacle

TANGO
DAS-TAMP4-SIG
AMX

From Controller   To Keypad

Speaker Outputs

Speakers

AMX Metreau
Audio Keypad Controls

AMX DAS-T0804-SIG
Tango 8-Source,
4-Zone Controller

iPod

Media Server

Antex XM or
Sirius Radio

AMX Mio Modero R-4
Remote Control

AMX NetLinx NI-3101-SIG
Signature Series
Integrated Controller

AMX DAS-TAMP4-SIG
Tango 4-Channel Amplifier

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MIO-R1-AUDIO

Tango Distributed Audio Remote Control

(FG147-04)

OVERVIEW

The MIO-R1-AUDIO remote offers custom control features in an elegant handheld device for IR control of your Tango Distributed Audio System. The MIO-R1-AUDIO remote includes buttons for up to 8 sources, including TUNER, SAT, CD, AUX, MP3, DVD, SRC7 and SRC8, as well as volume and navigation controls.

COMMON APPLICATION

Designed for use with the Tango Distributed Audio system and Metreau Audio Keypads.

FEATURES

- Allows for setting and recalling of Source Presets
- Allows for setting and recalling of Source Favorites
- Zone Grouping
- Keypad Lockout
- Operates keypad from remote control by pointing remote at the local keypad and pushing the appropriate buttons

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

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

POWER
4 AAA Alkaline Batteries (5 hours battery life)

LCD DISPLAY
- Animated IR Transmission Icon
- Battery Indicator Icon

TRANSMISSION FREQUENCIES
- IR 38 KHz (Note: Remote must be set to 38 KHz when used with Metreau Keypads)
- IR 455 KHz

TRANSMISSION RANGE (DISTANCE) WITH MIO IR RECEIVER
- 100 feet at 38 KHz
- 50 feet at 455 KHz

TRANSMISSION RANGE (ANGLE)
- 140º (±70º from perpendicular) horizontally from an axis extending from the end of the remote
- 40º (±20º from perpendicular) vertically from an axis extending from the end of the remote

TOP COMPONENTS
- LED - blue backlit buttons indicate device is awake
- Display (OLED) - 128 x 32 pixels, active area is 29.42 mm x 7.98 mm
- Pushbuttons - the power button is red backlit; the rest are blue backlit buttons. 45 buttons; 9 custom buttons (3 macro and 6 device)

BACKLIGHTING SYSTEM ACTIVATION
- Tilt Switch
- Push Button

REAR
- Programming Port - 2.5 mm stereo female conductor jack
- Battery Door

ENVIRONMENTAL
- Operating Temperature: 0º to 50º C (32º to 122º F)
- Storage Temperature: -10º to 70º C (14º to 158º F)

RECOMMENDED ACCESSORIES	DESCRIPTION	PART #	PAGE #
MIO-RCC-KIT	Mio Remote Charging Cradle Kit	(FG147-03K)	264
MIO-RBP	Rechargeable Lithium Ion Battery	(FG147-10)	265
MIO-IRRX	Mio Modero IR Receiver	(FG5797-01xx)	267

DAS-AMFM
AM/FM Tuner Module

(FG1110-01)

OVERVIEW

Add AM/FM Radio functionality to your Tango system with the DAS-AMFM AM/FM Tuner Module. Up to 2 DAS-AMFMs can be added to each controller. Each tuner uses one source input on the audio controller.

COMMON APPLICATION

Great for homes, condominium buildings, retail environments and restaurants that require AM/FM radio that can be heard and controlled in multiple zones simultaneously.

FEATURES

• Up to 2 tuners can be added to each controller
• Integrates into Tango Controller with no additional rack space

NOTE: Each controller supports up to two total tuners in any combination of DAS-SIRIUS or DAS-AMFM Modules.

BULLSEYE TARGET PRODUCT
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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.

DAS-MNET
Network Interface Card

(FG1101-61)

OVERVIEW

The DAS-MNET connects the Tango controller to an existing wired or wireless network infrastructure to provide IP connectivity and control of the system. When coupled with the software included with the DAS-MNET, users can access and control source- and system-wide features and functionality, as well as receive system status from any networked computer.

COMMON APPLICATION

Offices, restaurants, condominiums and homes requiring PC Control of the Tango Distributed Audio System.

FEATURES

• Connects Tango Controller to existing network infrastructure

BULLSEYE TARGET PRODUCT
This is a Target Product as defined in the U.S. BullsEye Partnership Program. Participating AMX Dealers can be rewarded for purchasing Target Products as a % of their total annual net revenue.

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.

DAS-LLC

Line Level Converter with Speaker Wire Technology

(FG1110-05)

OVERVIEW

The DAS-LLC Line Level Converter allows you to use an external amplifier to power the speakers in a zone, using Speaker Wire Technology (SWT) to the keypad for control.

COMMON APPLICATION

Great for offices, restaurants, condominiums and homes requiring additional power using an existing amplifier in a zone.

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

DAS-MRMK

Mi Series Rack Mount Kit

(FG1101-60)

OVERVIEW

The DAS-MRMK Rack Mount Kit converts the 17"-width Tango Audio Controllers, Zone Expanders and Amplifiers to 19" rack-mount size.

COMMON APPLICATION

Designed for installation flexibility in offices, restaurants, condominiums and homes where AV devices are rack mounted.

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

DAS-SWTC

Speaker Wire Terminal Connectors (10)

(FG1110-11)

OVERVIEW

Package of 10 speaker wire terminal connectors

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

DAS-MET-6SRC

Metreau 6-Source Audio Keypad

	White	DAS-MET-6SRC-WH	(FG1122-01-WH)
	Black	DAS-MET-6SRC-BL	(FG1122-01-BL)
	Light Almond	DAS-MET-6SRC-LA	(FG1122-01-LA)

OVERVIEW

The Metreau 6 Source Audio Keypad features source control, visual volume feedback and a navigation wheel that adjusts volume and provides up, down, left, right and select button options. These keypads are a convenient, versatile, cost-effective option for achieving effortless control of Tango Distributed Audio products.
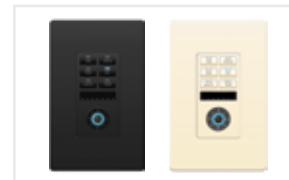
COMMON APPLICATION

Ideal for interfacing with Tango Distributed Audio Controllers in bedrooms, meeting rooms, hotels and other applications for control of up to 6 sources.

FEATURES

- Includes navigation wheel for simplified volume control
- Standard buttons include TUNER, SIRIUS, CD, AUX, MP3, DVD
- Blue LEDs light up when buttons are pressed
- Conveniently matches the NI-3101-SIG Controller

NOTE: Keypad wallplates not included. See Recommended Accessories below to order.

A CLOSER LOOK

6 pre-printed pushbuttons
(with blue LED indicators)

IR Sensor located here
(supports AMX IR 38kHz)

LED bargraph
(provides level feedback)

Navigation wheel & pushbuttons

HELPFUL HINT
Optional pre-printed buttons are available for order for a variety of applications.

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

SPECIFICATIONS

DIMENSIONS (HWD)
- Keypad and Mounting Plate: 4" x 1 3/4" x 1" (10.3 cm x 4.5 cm x 2.5 cm)
- Mounts into standard decor-style wall plates

WEIGHT
2.4 oz (68.04 g)

POWER
12 VDC, 125 mA

FRONT PANEL COMPONENTS
- Pushbuttons - 6 tactile pushbuttons with blue LED indicators that illuminate when the source is selected, and stay lit until the source is turned off.
- IR Sensor - Supports standard AMX IR (38 kHz only)
- LED Levels Indicator - set of 7 blue LEDs provide level feedback
- Navigation Wheel - consists of 5 pushbuttons: 4 directional pushbuttons (Up, Down, Right, Left), 1 center pushbutton, and bi-directional rotating wheel

Note: The center pushbutton is dual-purpose: a push/release provides one function, while a press/hold provides another.

REAR PANEL COMPONENTS
- Wiring connection - Two 4-pin SWT connectors that provide connection from the Matrix Audio Controller, and to the speakers
- DIP switch - 8 position mini dip switch set to zero for SWT mode
- Connector for numeric keypad

ENVIRONMENTAL
- Operating Temperature: 32º to 104º F (0º to 40º C)
- Relative Humidity: 5% to 85%, non-condensing
- Intended for indoor use only

CERTIFICATIONS
FCC Class B, CE, IEC 60950, RoHS

RECOMMENDED ACCESSORIES	DESCRIPTION	PART #	PAGE #
MET-TTS	Black Table Top Stand for up to 3 Metreau keypads	(MET-TTS)	269

DAS-MET-NUM
Metreau Numeric Audio Keypad

☐	White	DAS-MET-NUM-WH	(FG1122-02-WH)
■	Black	DAS-MET-NUM-BL	(FG1122-02-BL)
☐	Light Almond	DAS-MET-NUM-LA	(FG1122-02-LA)

OVERVIEW

The Metreau Numeric Audio keypad works in conjunction with the DAS-MET-6SRC to provide direct numeric access control, setting and recalling presets, and access to advanced functionality such as grouping, setting favorites, alarm, and keypad lockout functionality. These keypads are a cost-effective option for control of Matrix and Tango Distributed Audio products.

COMMON APPLICATION

Ideal for interfacing with Metreau 6-Source Keypads to give additional direct access numeric control in bathrooms, kitchens, classrooms and other areas.

FEATURES

- Includes direct access numeric buttons preset, group and enter buttons
- Blue LEDs light up when buttons are pressed
- Conveniently matches NI-3101-SIG Controller

NOTE: Keypad wallplates not included. See Recommended Accessories below to order.

A CLOSER LOOK

12 pre-printed pushbuttons
(with blue LED indicators)

Enter button
(with LED to provide feedback)

HELPFUL HINT
Optional pre-printed buttons are available for order for a variety of applications.

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

SPECIFICATIONS

DIMENSIONS (HWD)
- Keypad and Mounting Plate: 4" x 1 3/4" x 1" (10.3 cm x 4.5 cm x 2.5 cm)
- Mounts into standard decor-style wall plates

WEIGHT
2.4 oz (68.04 g)

POWER
12 VDC, 125 mA

FRONT PANEL COMPONENTS
Pushbuttons - 13 tactile pushbuttons

REAR PANEL COMPONENTS
- Wiring connection - One 14-pin connector that provides connection to the main 6 Source Metreau Keypad (DAS-MET-6SRC)
- DIP switch - 8 position mini dip switch set to zero for SWT mode
- Connector for numeric keypad

ENVIRONMENTAL
- Operating Temperature: 32º to 104º F (0º to 40º C)
- Relative Humidity: 5% to 85%, non-condensing
- Intended for indoor use only

CERTIFICATIONS
FCC Class B, CE, IEC 60950, RoHS

RECOMMENDED ACCESSORIES	DESCRIPTION	PART #	PAGE #
MET-TTS	Black Table Top Stand for up to 3 Metreau keypads	(MET-TTS)	269

Order just the Additional/Replacement Keypad Buttons You Need!

Need additional or replacement pre-printed buttons for Metreau Keypads? They're available to order for just about any device, source or preset number you need. Use the chart below to select and order the additional buttons you need in the quantity you need them. Please see the Metreau Keypad Installation Manual available at: www.amx.com/assets/manuals/MetreauKeypads.OperationReferenceGuide.pdf for instructions on how to replace the buttons

Metreau Series Keypad Button Ordering

	STANDARD BUTTONS					SINGLE WIDTH			DOUBLE WIDTH		
	MET-6N	MET-7	MET-13	DAS-MET-SRC	DAS-MET-NUM	BLACK	WHITE	Light Almond	BLACK	WHITE	Light Almond
Blank						EMA5794-02BL	EMA5794-02WH	EMA5794-02LA	EMA5794-03BL	EMA5794-03WH	EMA5794-03LA
0			•		•	MA5794-02BL-0	MA5794-02WH-0	MA5794-02LA-0	MA5794-03BL-0	MA5794-03WH-0	MA5794-03LA-0
1			•		•	MA5794-02BL-1	MA5794-02WH-1	MA5794-02LA-1	MA5794-03BL-1	MA5794-03WH-1	MA5794-03LA-1
2			•		•	MA5794-02BL-2	MA5794-02WH-2	MA5794-02LA-2	MA5794-03BL-2	MA5794-03WH-2	MA5794-03LA-2
3			•		•	MA5794-02BL-3	MA5794-02WH-3	MA5794-02LA-3	MA5794-03BL-3	MA5794-03WH-3	MA5794-03LA-3
4			•		•	MA5794-02BL-4	MA5794-02WH-4	MA5794-02LA-4	MA5794-03BL-4	MA5794-03WH-4	MA5794-03LA-4
5			•		•	MA5794-02BL-5	MA5794-02WH-5	MA5794-02LA-5	MA5794-03BL-5	MA5794-03WH-5	MA5794-03LA-5
6			•		•	MA5794-02BL-6	MA5794-02WH-6	MA5794-02LA-6	MA5794-03BL-6	MA5794-03WH-6	MA5794-03LA-6
7			•		•	MA5794-02BL-7	MA5794-02WH-7	MA5794-02LA-7	MA5794-03BL-7	MA5794-03WH-7	MA5794-03LA-7
8			•		•	MA5794-02BL-8	MA5794-02WH-8	MA5794-02LA-8	MA5794-03BL-8	MA5794-03WH-8	MA5794-03LA-8
9			•		•	MA5794-02BL-9	MA5794-02WH-9	MA5794-02LA-9	MA5794-03BL-9	MA5794-03WH-9	MA5794-03LA-9
+/-		•	•			N/A	N/A	N/A	MA5794-03BL-+-	MA5794-03WH-+-	MA5794-03LA-+-
ACONF						MA5794-02BL-AC	MA5794-02WH-AC	MA5794-02LA-AC	MA5794-03BL-AC	MA5794-03WH-AC	MA5794-03LA-AC
ARM						MA5794-02BL-AR	MA5794-02WH-AR	MA5794-02LA-AR	MA5794-03BL-AR	MA5794-03WH-AR	MA5794-03LA-AR
AUX				•		MA5794-02BL-AU	MA5794-02WH-AU	MA5794-02LA-AU	MA5794-03BL-AU	MA5794-03WH-AU	MA5794-03LA-AU
AWAY						MA5794-02BL-AW	MA5794-02WH-AW	MA5794-02LA-AW	MA5794-03BL-AW	MA5794-03WH-AW	MA5794-03LA-AW
BLINDS		•				MA5794-02BL-BL	MA5794-02WH-BL	MA5794-02LA-BL	MA5794-03BL-BL	MA5794-03WH-BL	MA5794-03LA-BL
CABLE						MA5794-02BL-CB	MA5794-02WH-CB	MA5794-02LA-CB	MA5794-03BL-CB	MA5794-03WH-CB	MA5794-03LA-CB
CD				•		MA5794-02BL-CD	MA5794-02WH-CD	MA5794-02LA-CD	MA5794-03BL-CD	MA5794-03WH-CD	MA5794-03LA-CD
DISARM						MA5794-02BL-DA	MA5794-02WH-DA	MA5794-02LA-DA	MA5794-03BL-DA	MA5794-03WH-DA	MA5794-03LA-DA
DAY						MA5794-02BL-DY	MA5794-02WH-DY	MA5794-02LA-DY	MA5794-03BL-DY	MA5794-03WH-DY	MA5794-03LA-DY
DISPLAY		•				MA5794-02BL-DS	MA5794-02WH-DS	MA5794-02LA-DS	MA5794-03BL-DS	MA5794-03WH-DS	MA5794-03LA-DS
DOOR						MA5794-02BL-DO	MA5794-02WH-DO	MA5794-02LA-DO	MA5794-03BL-DO	MA5794-03WH-DO	MA5794-03LA-DO
DVD	•	•		•		MA5794-02BL-DD	MA5794-02WH-DD	MA5794-02LA-DD	MA5794-03BL-DD	MA5794-03WH-DD	MA5794-03LA-DD
DVR						MA5794-02BL-DR	MA5794-02WH-DR	MA5794-02LA-DR	MA5794-03BL-DR	MA5794-03WH-DR	MA5794-03LA-DR
ENTER			•		•	MA5794-02BL-EN	MA5794-02WH-EN	MA5794-02LA-EN	MA5794-03BL-EN	MA5794-03WH-EN	MA5794-03LA-EN
FAN	•	•				MA5794-02BL-FN	MA5794-02WH-FN	MA5794-02LA-FN	MA5794-03BL-FN	MA5794-03WH-FN	MA5794-03LA-FN
GROUP					•	MA5794-02BL-GR	MA5794-02WH-GR	MA5794-02LA-GR	MA5794-03BL-GR	MA5794-03WH-GR	MA5794-03LA-GR
HOME						MA5794-02BL-HM	MA5794-02WH-HM	MA5794-02LA-HM	MA5794-03BL-HM	MA5794-03WH-HM	MA5794-03LA-HM
IPOD						MA5794-02BL-IP	MA5794-02WH-IP	MA5794-02LA-IP	MA5794-03BL-IP	MA5794-03WH-IP	MA5794-03LA-IP
LIGHTS	•	•				MA5794-02BL-LT	MA5794-02WH-LT	MA5794-02LA-LT	MA5794-03BL-LT	MA5794-03WH-LT	MA5794-03LA-LT
MAX						MA5794-02BL-MX	MA5794-02WH-MX	MA5794-02LA-MX	MA5794-03BL-MX	MA5794-03WH-MX	MA5794-03LA-MX
MP3	•			•		MA5794-02BL-M3	MA5794-02WH-M3	MA5794-02LA-M3	MA5794-03BL-M3	MA5794-03WH-M3	MA5794-03LA-M3
MUTE						MA5794-02BL-MU	MA5794-02WH-MU	MA5794-02LA-MU	MA5794-03BL-MU	MA5794-03WH-MU	MA5794-03LA-MU
NIGHT						MA5794-02BL-NT	MA5794-02WH-NT	MA5794-02LA-NT	MA5794-03BL-NT	MA5794-03WH-NT	MA5794-03LA-NT
PC						MA5794-02BL-PC	MA5794-02WH-PC	MA5794-02LA-PC	MA5794-03BL-PC	MA5794-03WH-PC	MA5794-03LA-PC
PRES						MA5794-02BL-PR	MA5794-02WH-PR	MA5794-02LA-PR	MA5794-03BL-PR	MA5794-03WH-PR	MA5794-03LA-PR
PROJ						MA5794-02BL-PJ	MA5794-02WH-PJ	MA5794-02LA-PJ	MA5794-03BL-PJ	MA5794-03WH-PJ	MA5794-03LA-PJ
PRESET					•	MA5794-02BL-PS	MA5794-02WH-PS	MA5794-02LA-PS	MA5794-03BL-PS	MA5794-03WH-PS	MA5794-03LA-PS
PARTY						MA5794-02BL-PT	MA5794-02WH-PT	MA5794-02LA-PT	MA5794-03BL-PT	MA5794-03WH-PT	MA5794-03LA-PT
SAT						MA5794-02BL-SA	MA5794-02WH-SA	MA5794-02LA-SA	MA5794-03BL-SA	MA5794-03WH-SA	MA5794-03LA-SA
SAVE			•			MA5794-02BL-SV	MA5794-02WH-SV	MA5794-02LA-SV	MA5794-03BL-SV	MA5794-03WH-SV	MA5794-03LA-SV
SIRIUS	•			•		MA5794-02BL-SI	MA5794-02WH-SI	MA5794-02LA-SI	MA5794-03BL-SI	MA5794-03WH-SI	MA5794-03LA-SI
TUNER	•	•		•		MA5794-02BL-TU	MA5794-02WH-TU	MA5794-02LA-TU	MA5794-03BL-TU	MA5794-03WH-TU	MA5794-03LA-TU
TV						MA5794-02BL-TV	MA5794-02WH-TV	MA5794-02LA-TV	MA5794-03BL-TV	MA5794-03WH-TV	MA5794-03LA-TV
VCONF						MA5794-02BL-VC	MA5794-02WH-VC	MA5794-02LA-VC	MA5794-03BL-VC	MA5794-03WH-VC	MA5794-03LA-VC
XM						MA5794-02BL-XM	MA5794-02WH-XM	MA5794-02LA-XM	MA5794-03BL-XM	MA5794-03WH-XM	MA5794-03LA-XM

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DISTRIBUTED AUDIO KITS
Tango Distributed Audio Kits

OVERVIEW

4-Zone Distributed Audio Kits with Wall/Flush Mount Touch Panel

| DAS-AHS-04-BL | Black Keypads/Bezel | (FG1103-101K-BL) |
| DAS-AHS-04-WH | White Keypads/Bezel | (FG1103-101K-WH) |

OVERVIEW

8-Zone Distributed Audio Kits with Wall/Flush Mount Touch Panels

| DAS-AHS-08-BL | Black Keypads/Bezel | (FG1103-102K-BL) |
| DAS-AHS-08-WH | White Keypads/Bezel | (FG1103-102K-WH) |