

Switchers (switch a single video type from multiple PCs
to a single display)..... 434 – 437

Presentation Switchers (switch multiple video types
from multiple sources to a single display) 438 – 441

**SWITCHERS/
PRESENTATION SWITCHERS**

PRESENTATIONS MADE SIMPLE

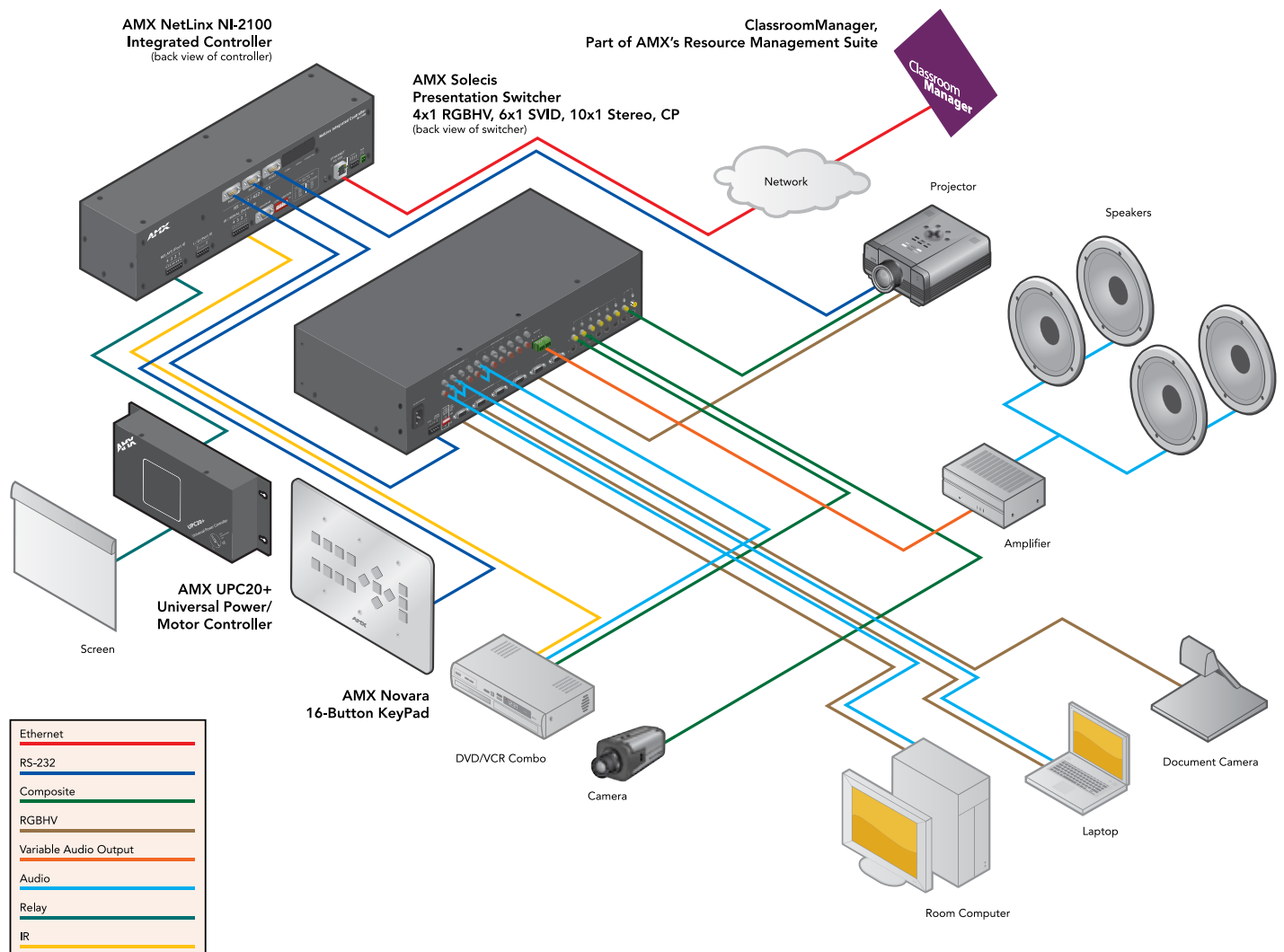
Ideal for Conference Rooms Where a Number of Sources are Displayed

Presentation Switchers are smart solutions for routing and distributing a multitude of video, audio and PC signal types throughout presentation and conference rooms. Solecis Presentation Switchers are designed to meet both basic and complex switching needs and deliver the signal routed accurately, efficiently and displayed beautifully to its final destination. Offering unique feature sets, each presentation switcher can provide standard input control and power on/off functionality for the

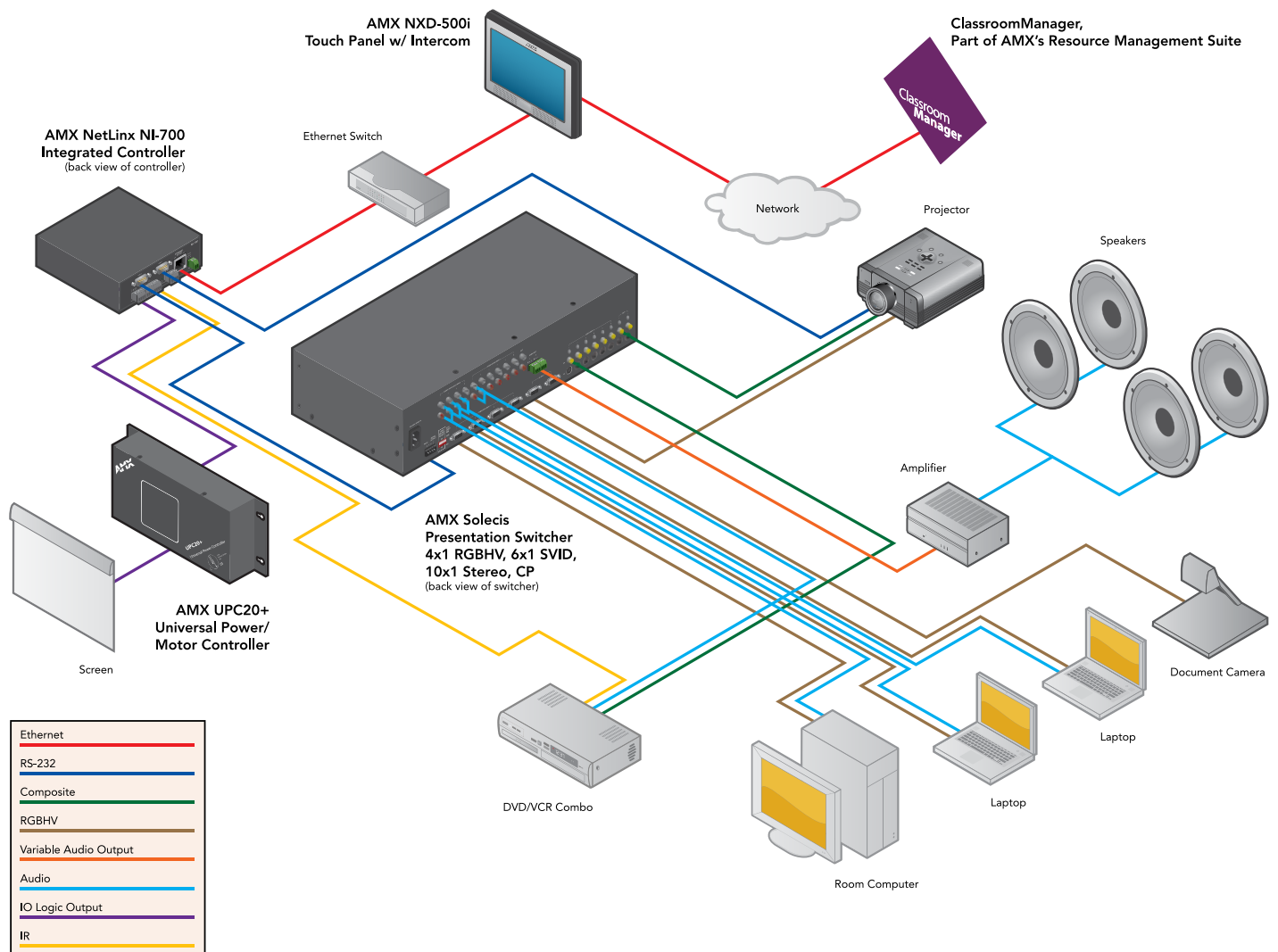
SYSTEM DIAGRAM

The AVS-SL-PR-0401-0601 is a presentation switcher that features a total of 10 inputs and a programmable serial output for controlling projectors, plasma and LCD displays. There are 4 wide-

band (250MHz -3dB) computer inputs on HD-15 connectors, 6 S-Video inputs each of which can be either composite or YC.



projector or display the switcher is feeding video to and in some entry level applications this eliminates the need for a central controller. The switcher's small form factor, flexible mounting options and simple to use setup software, reduces installation time, centralizes the room's video and audio switching and simplifies operations.



AVS-SL-0201-824

2x1 RGBHV HD-15, Stereo Switcher

(FG1330-1113-05)



OVERVIEW

The Solecis AVS-SL-0201-824 is the perfect solution for all 2x1 PC switching solutions and incorporates high-resolution switching circuitry for all PC applications up to UXGA. The AVS-SL-0201-824 can be user set to operate in either manual, auto, or remote switching modes. The remote options include control from both RS-232 and Contact Closure while Auto modes allow either priority or last presented input switching. The outputs are both 75 Ohms driven with TTL sync restore for connection to long cable runs. The audio inputs automatically follow the video input and are converted to be either balanced or unbalanced signals on the output.

COMMON APPLICATION

The AVS-SL-0201-824 is the perfect 2x1 PC and stereo audio switching solution for small conference and training rooms to switch between two computer sources.

FEATURES

- Inputs: 2
- Outputs: 1
- Video/Type Connector Style: RGBHV, HD-15
- Bandwidth: 400 MHz
- Stereo Audio
- Signal-Present-Based Auto Switching
- RS-232/Contact Closure Control



SPECIFICATIONS

GENERAL

- Input Voltage: 9 V -12 V DC
- Power Connector: 2.1 mm DC power jack for use with included power supply
- Power Consumption: 15W
- Heat Dissipation: 53.2 BTU/hr
- Included Accessories: 9 V Power Supply

DIMENSIONS WITH FEET (HWD)

- 1 11/16" x 5 7/8" x 4 1/4" (42.2 mm x 148.6 mm x 108 mm)
- RU: 1

WEIGHT

1.4 lbs (0.65 kg)

CERTIFICATIONS

CE, UL, FCC class B, part 15, RoHS/WEEE compliant

RGBHV

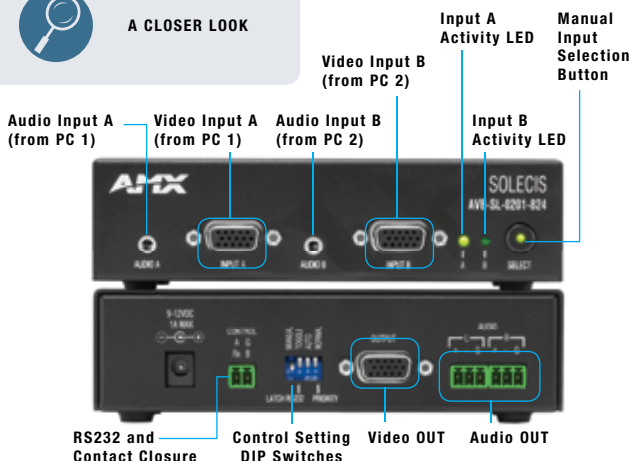
- Input Level (Max): 1 v p-p
- Input Impedance: 75 Ohms
- Output Impedance: 75 Ohms
- Output Gain: Unity
- Frequency Response: 400 MHz (-3 dB)
- Crosstalk: -73 dB (f = 10 MHz), -50 dB (f = 100 MHz)
- Return Loss: -45 dB @ 10MHz, -27 dB @ 100 MHz
- HV Sync Input Type: TTL / Analog
- HV Sync Input Level (Max): 5 V p-p
- HV Sync Input Impedance: 75 Ohms
- HV Sync Output Level: TTL
- HV Sync Output Impedance: 75 Ohms
- Input Number: 2
- Output Number: 1
- Connectors: HD-15

STANDARD AUDIO

- Audio Response: 20 Hz – 50 kHz
- Input Type: Unbalanced analog stereo
- Input Level (Max): 2 V p-p
- Input Impedance: 47 kOhms
- Input Number: 2
- Input Connectors: 3.5 mm stereo
- Output Type: Balanced / Unbalanced Stereo
- Output Level Gain: Unity
- Output Impedance: 600 Ohms
- Output Number: 2 (1 each for Left / Right)
- Output Connectors: 3T



A CLOSER LOOK



AVS-SL-0201-834

2x1: 2 RGBHV HD-15,
BNC, Stereo Switcher

(FG1330-1401-01)



OVERVIEW

The Solecis AVS-SL-0201-834 is a dual-input PC interface with stereo audio. Switching between sources can be controlled from RS-232, the front panel, auto switching with priority or via contact closure connection. Two simultaneous main outputs are available on both BNC and HD-15 connectors. The outputs are both 75 Ohms driven with TTL sync restore for connection to long cable runs. The audio inputs follow the video and are converted to balanced or unbalanced outputs. The AVS-SL-0201-834 may be used as a Single-Input Interface or a 2-Input Switcher.

COMMON APPLICATION

An ideal 2x1 PC switching solution for small conference and training rooms to switch between two computer sources.

FEATURES

- Inputs: 2 (each with buffered monitor output)
- Outputs: 1:2 (displays selected input on two buffered outputs)
- Video/Type Connector Style: RGBHV, HD-15 input, BNC HD-15 output
- Bandwidth: 250 MHz
- Stereo Audio
- Signal Present Based Auto Switching
- RS-232/Contact Closure Control



SPECIFICATIONS

GENERAL

- Input Voltage: 9 V - 12 V DC
- Power Connector: 2.1 mm DC power jack for use with included power supply
- Included Accessories: 9 V Power Supply

DIMENSIONS WITH FEET (HWD)

- 1 7/8" x 9 1/8" x 4 11/16" (47.2 mm x 231.1 mm x 119.1 mm)
- RU: 1

WEIGHT

2.9 lbs (1.3 kg)

CERTIFICATIONS

CE, UL, FCC Part 15, Class B, RoHS/WEEE compliant

RGBHV

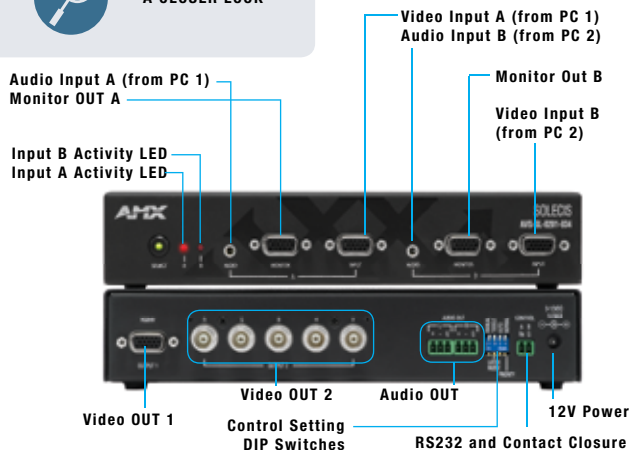
- Input Level (Max): 1 v p-p
- Input Impedance: 75 Ohms
- Output Impedance: 75 Ohms
- Output Gain: Unity
- Frequency Response: 250 MHz (-3 dB)
- Return Loss: -45 dB @ 10 MHz, -32 dB @ 100 MHz
- HV Sync Input Type: TTL / Analog
- HV Sync Input Level (Max): 5 V p-p
- HV Sync Input Impedance: 470 Ohms
- HV Sync Output Level: TTL
- HV Sync Output Impedance: 75 Ohms
- HV Sync Processing: None
- Input Number: 2
- Input Connectors: HD-15
- Output Number: 1:2 (displays selected input on 2 buffered outputs)
- Output Connectors: 1 x HD-15, 5 x BNC

STANDARD AUDIO

- Input Type: Unbalanced analog stereo
- Input Level (Max): 2 V p-p
- Input Impedance: 47 kOhms
- Input Number: 2
- Input Connectors: 3.5 mm stereo
- Output Type: Balanced / Unbalanced Stereo
- Output Level Gain: Unity
- Output Impedance: 600 Ohms
- Output Number: 2 (1 each for Left / Right)
- Output Connectors: 3T



A CLOSER LOOK



AVS-SL-0401-838

4x1 RGBHV HD-15, Stereo Switcher

(FG1330-1600-04)



OVERVIEW

The Solecis AVS-SL-0401-838 is a wideband, high-resolution, 4x1 HD-15 and audio switcher that incorporates a driven output for connection to long cable runs. Control of the AVS-SL-0401-838 is from the front panel or via RS-232. The audio switcher will follow the video selected input and is stereo balanced or unbalanced. The AVS-SL-0401-838 is powered by an external 9V power supply (supplied with the unit) and is housed in a metal enclosure.

COMMON APPLICATION

Great 4x1 HD-15 and audio switcher for all computer presentations up to UXGA.

FEATURES

- Inputs: 4
- Outputs: 1
- Video/Type Connector Style: RGBHV, HD-15
- Bandwidth: 350 MHz
- Stereo Audio
- Front Control Panel
- RS-232 Control



SPECIFICATIONS

GENERAL

- Input Voltage: 9V -12 V DC
- Power Connector: 2.1 mm DC power jack for use with included power supply
- Power Consumption: 5W
- Heat Dissipation: 17.1 BTU/hr
- Included Accessories: 9 V Power Supply

DIMENSIONS WITH FEET (HWD)

- 1 7/8" x 9 1/8" x 4 3/8" (47.2 mm x 231.1 mm x 110.6 mm)
- RU: 1

WEIGHT

3.3 lbs (1.5 kg)

CERTIFICATIONS

CE, UL, FCC Part 15, Class B, RoHS/WEEE Compliant

RGBHV

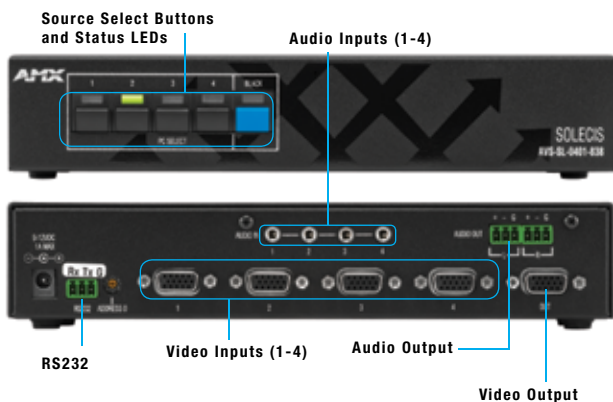
- Input Level (Max): 1v p-p
- Input Impedance: 75 Ohms
- Output Impedance: 75 Ohms
- Output Gain: Unity
- Frequency Response: 350 MHz (-3 dB)
- Return Loss: -45 dB @ 10 MHz, -32 dB @ 100 MHz
- HV Sync Input Type: TTL / Analog
- HV Sync Input Level (Max): 5 V p-p
- HV Sync Input Impedance: 470 Ohms
- HV Sync Output Level: TTL
- HV Sync Output Impedance: 75 Ohms
- Input Number: 4
- Output Number: 1
- Connectors: HD-15

STANDARD AUDIO

- Input Type: Unbalanced analog stereo
- Input Number: 4
- Input Connectors: 3.5 mm stereo
- Output Type: Balanced / Unbalanced Stereo
- Output Number: 2 (1 each for Left / Right)
- Output Connectors: 3T



A CLOSER LOOK



AVS-SL-0601-848

6x1:2 RGBHV HD-15,
Stereo Switcher

(FG1330-1501-04)



OVERVIEW

The Solecis AVS-SL-0601-848 is a wideband, high-resolution, 6x1:2 HD-15 and audio switcher that incorporates two simultaneously driven outputs for connection to long cable runs. Control of the AVS-SL-0601-848 is from the front panel, via RS-232, or it can be set to operate in auto-switch mode, which will switch the source to the last detected sync input. The audio switcher will follow the video selected input and is stereo unbalanced-to-balanced out. The AVS-SL-0601-848 features an internal 100-240V power supply and is housed in a 1U metal enclosure.

COMMON APPLICATION

The AVS-SL-0601-848 is a 6x1 HD-15 is a perfect fit for boardroom applications where a host PC and several visiting laptop inputs need to be switched to a single display.

FEATURES

- Inputs: 6
- Outputs: 1:2 (displays selected input on two buffered outputs)
- Video Type / Connector Style: RGBHV, HD-15
- Bandwidth: 400 MHz
- Buffered Monitor Output on HD-15
- Stereo Audio
- Front Control Panel
- Signal-Present-Based Auto Switching
- RS-232 Control



SPECIFICATIONS

GENERAL

- Input Voltage: 100-240 VAC single phase, 50-60 Hz
- Power Connector: IEC
- Power Consumption: 15W
- Heat Dissipation: 51.2 BTU/hr
- Included Accessories: Detachable Rack Mount, AC Power Cord

DIMENSIONS WITHOUT RACK MOUNT (HWD)

- 1 3/4" x 17 3/8" x 6 7/8" (47.2 mm x 231.1 mm x 110.6 mm)
- RU: 1

WEIGHT

6.94 lbs (3.15 kg)

CERTIFICATIONS

CE, UL, FCC class B, part 15, RoHS/WEEE compliant

RGBHV

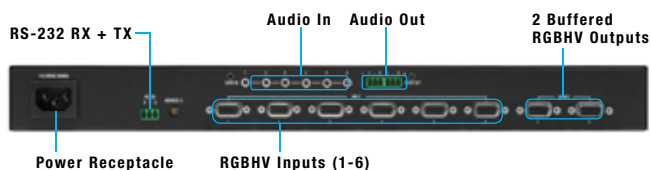
- Input Level (Max): 1v p-p
- Input Impedance: 75 Ohms
- Output Impedance: 75 Ohms
- Output Gain: Unity
- Frequency Response: 400 MHz (-3 dB)
- Crosstalk: -80 dB (f = 10 MHz), -70 dB (f = 100 MHz)
- Return Loss: -38 dB @ 10 MHz, -20 dB @ 100 MHz
- HV Sync Input Type: TTL / Analog
- HV Sync Input Level (Max): 5 V p-p
- HV Sync Input Impedance: 470 Ohms
- HV Sync Output Level: TTL
- HV Sync Output Impedance: 75 Ohms
- HV Sync Processing: None
- Input Number: 6
- Output Number: 1:2 (displays selected input on 2 buffered outputs)
- Connectors: HD-15

STANDARD AUDIO

- Audio Response: 20 Hz – 50 kHz
- Input Type: Unbalanced analog stereo
- Input Level (Max): 2 V p-p
- Input Impedance: 47 kOhms
- Input Number: 6
- Input Connectors: 3.5 mm stereo
- Output Type: Balanced / Unbalanced Stereo
- Output Level Gain: Unity
- Output Impedance: 600 Ohms
- Output Number: 2 (1 each for Left / Right)
- Output Connectors: 3T



A CLOSER LOOK



AVS-SL-PR-0201-0301

2x1:2 RGBHV, 3x1 S-Video,
5x1 Stereo Presentation Switcher

(FG1330-2020-01)



OVERVIEW

The AVS-SL-PR-0201-0301 is a presentation switcher that features a total of 5 AV inputs and a programmable serial output for controlling projectors, plasma and LCD displays. There are 2 wide-band (250MHz -3dB) computer inputs on HD-15 connectors, 3 video inputs each of which can be either composite or YC. 6 stereo audio inputs on RCA/connectors each with independent volume control and preset input attenuation which is retained within the non-volatile memory of the AVS-SL-PR-0201-0301. In addition, a microphone input (with available phantom power) is provided and can be mixed with any selected audio input for talk-over functionality. Full video and audio breakaway is available with RS232 control along with a master volume control for total flexibility.

COMMON APPLICATION

Ideal for presentation and conference rooms, AV Rental Companies or any environment where a number of mixed source types need to be displayed.

FEATURES

- Inputs: 5
- Outputs: 1
- Video Type 2 RGBHV, 3 S-Video
- Bandwidth: 350 MHz
- Additional mic input can be mixed with other stereo input
- Stereo Audio
- Front Control Panel
- Programmable control of a display or projector which the switcher is feeding



BULLSEYE TARGET PRODUCT

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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.



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

GENERAL

- Input Voltage: 100-240 VAC single phase, 50-60 Hz
- Power Connector: IEC
- Power Consumption: 15W
- Heat Dissipation: 51.2 BTU/hr
- Included Accessories: Detachable Rack Mount, AC Power Cord

DIMENSIONS WITHOUT RACK MOUNT (HWD)

- 1 3/4" x 17" x 6 1/4" (4.4 cm x 44.1 cm x 15.8 cm)
- RU: 1

CERTIFICATIONS

CE, UL, FCC Part 15, Class B, part 15, RoHS/WEEE compliant

RGBHV

- Input Level (Max): 1v p-p
- Input Impedance: 75 Ohms
- Output Impedance: 75 Ohms
- Output Gain: Unity
- Frequency Response: 250 MHz (-3 dB)
- Crosstalk: -80 dB (f = 10 MHz), -70 dB (f = 100 MHz)
- Return Loss: -38 dB @ 10 MHz, -20 dB @ 100 MHz
- HV Sync Input Type: TTL / Analog
- HV Sync Input Level (Max): 5 V p-p
- HV Sync Input Impedance: 75 Ohms
- HV Sync Output Level: TTL
- HV Sync Output Impedance: 75 Ohms
- Input Number: 2
- Output Number: 1:2 (displays selected input on 2 buffered outputs)
- Connectors: HD-15

COMPOSITE / S-VIDEO

- Input Type: Composite Video or S-Video (user selected via included Solecis DCS software)
- Frequency Response: 50 MHz (-3dB)
- Differential Phase Error: 0.05%
- Differential Gain Error: 0.03%
- Crosstalk: -60 dB (f = 1 MHz)
- Input Number: 3
- Output Number: 1
- Connectors: RCA (used for composite), 4-Pin DIN (used for S-Video)

STANDARD AUDIO

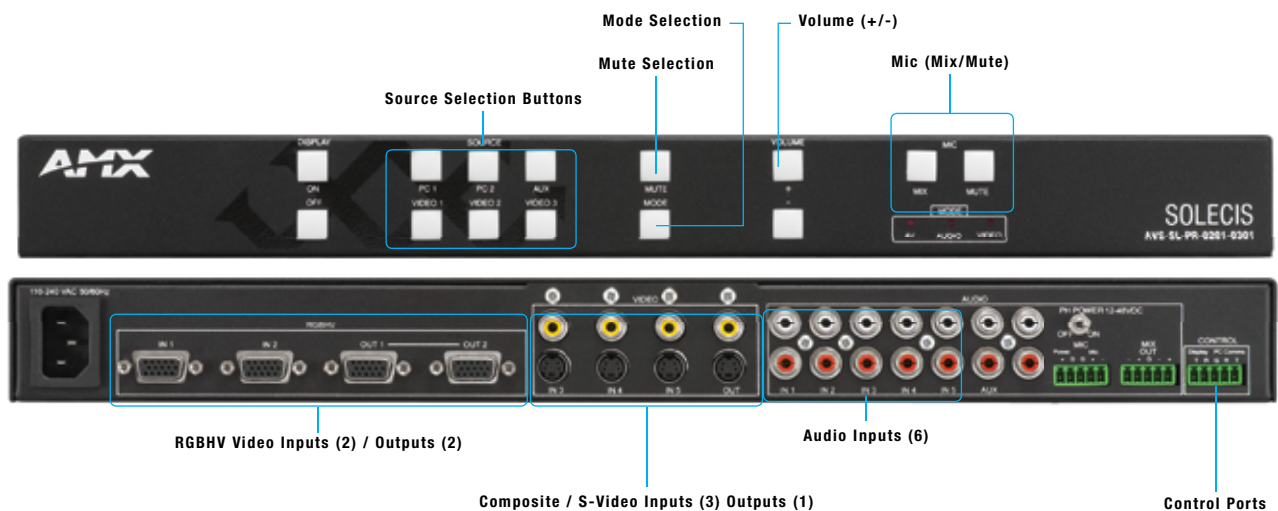
- Audio Response: 20 Hz – 50 kHz
- Input Type: Unbalanced analog stereo
- Input Level (Max): 2 V p-p
- Input Impedance: 47 kOhms
- Input Number: 6 (1 for each video input, 1 aux input)
- Input Connectors: RCA
- Output Type: Balanced / Unbalanced Stereo
- Output Level Gain: Unity
- Output Impedance: 600 Ohms
- Output Number: 2 (1 unbalanced on RCA for selected input audio only, 1 balanced / unbalanced on 2 x 3T with microphone mix)
- Output Volume Control: Yes (on both audio outputs)
- Output Connectors: RCA, 3T

MICROPHONE AUDIO

- Input Type: Balanced / Unbalanced
- Phantom Power: 12 V internal / 48 V max external
- Volume Control: Yes (via mix level on balanced / mic mix output)



A CLOSER LOOK



AVS-SL-PR-0401-0601

4x1:2 RGBHV, 6x1 S-Video,
10x1 Stereo Presentation Switcher

(FG1330-2011-01)



OVERVIEW

The AVS-SL-PR-0401-0601 is a presentation switcher that features a total of 10 inputs and a programmable serial output for controlling projectors, plasma and LCD displays. There are 4 wide-band computer inputs on HD-15 connectors, 6 S-Video inputs each of which can be either composite or YC.

COMMON APPLICATION

Ideal for presentation and conference rooms, AV Rental Companies or any environment where a number of mixed source types need to be displayed.

FEATURES

- Inputs: 10
- Outputs: 1
- Video Type/Connector StyleE: 4 RGBHV, 6 S-Video
- Bandwidth: 350 MHz
- Stereo Audio
- Front Control Panel
- Programmable control of a display or projector which the switcher is feeding



BULLSEYE TARGET PRODUCT

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TRAINING AVAILABLE

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QUICK SHIP

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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.



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

GENERAL

- Input Voltage: 100-240 VAC single phase, 50-60 Hz
- Power Connector: IEC
- Power Consumption: 15W
- Heat Dissipation: 51.2 BTU/hr
- Included Accessories: Detachable Rack Mount, AC Power Cord

DIMENSIONS WITHOUT RACK MOUNT (HWD)

- 3 1/2" x 17" x 6 1/4" (8.9 cm x 43.8 cm x 15.9 cm)
- RU: 2

CERTIFICATIONS

CE, UL, FCC Part 15, Class B, part 15, RoHS/WEEE compliant

RGBHV

- Input Level (Max): 1v p-p
- Input Impedance: 75 Ohms
- Output Impedance: 75 Ohms
- Output Gain: Unity
- Frequency Response: 250 MHz (-3 dB)
- Crosstalk: -80 dB (f = 10 MHz), -70 dB (f = 100 MHz)
- Return Loss: -38 dB @ 10 MHz, -20 dB @ 100 MHz
- HV Sync Input Type: TTL / Analog
- HV Sync Input Level (Max): 5 V p-p
- HV Sync Input Impedance: 75 Ohms
- HV Sync Output Level: TTL
- HV Sync Output Impedance: 75 Ohms
- Input Number: 4
- Output Number: 1:2 (displays selected input on 2 buffered outputs)
- Connectors: HD-15

COMPOSITE / S-VIDEO

- Input Type: Composite Video or S-Video (user selected via included Solecis DCS software)
- Input Level (Max): 1 V p-p
- Input Impedance: 75 Ohms
- Frequency Response: 50 MHz (-3dB)
- Differential Phase Error: 0.05%
- Differential Gain Error: 0.03%
- Crosstalk: -60 dB (f = 1 MHz)
- Output Gain: Unity
- Input Number: 6
- Output Number: 1:2 (displays selected input on 2 buffered outputs)
- Connectors: RCA (used for composite), 4-Pin DIN (used for S-Video)

STANDARD AUDIO

- Audio Response: 20 Hz – 50 kHz
- Input Type: Unbalanced analog stereo
- Input Level (Max): 2 V p-p
- Input Impedance: 47 kOhms
- Input Number: 10
- Input Connectors: RCA
- Output Type: Balanced / Unbalanced Stereo
- Output Impedance: 600 Ohms
- Output Number: 2 (1 unbalanced on RCA, 1 balanced / unbalanced on 2 x 3T)
- Output Volume Control: 0 to -70 dB
- Output Connectors: RCA, 3T



A CLOSER LOOK

