

AVA-HDMI14

1:4 HDMI DISTRIBUTION AMPLIFIER

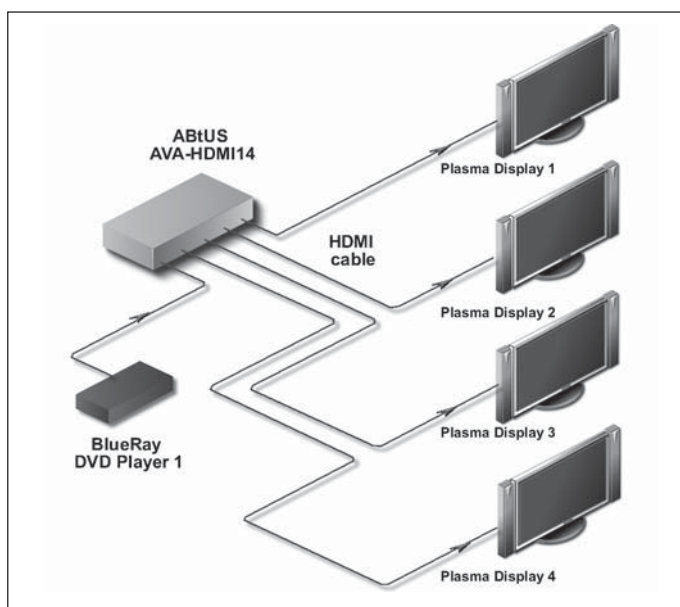


DESCRIPTION

The ABtUS AVA-HDMI14 is a high quality 1 Input 4 output distribution amplifier for HDMI signal. The AVA-HDMI14 distributes a HDMI source to maximum 4 HDMI digital display devices (Projectors, Plasma and LCD Monitors) with excellent identical reproduction. It supports a wide range of PC and HDTV resolutions from VGA to WUXGA and 480p to 1080p.

FEATURES

- Allows connection of a High Definition sources and distribute it to maximum 4 full HD displays.
- To supports resolutions up to 1080p.
- Easy Installation



TYPICAL APPLICATIONS

The ABtUS AVA-HDMI14 is part of the ABtUS series of high quality, high bandwidth and cost effective Distribution Amplifiers designed specially for professional installers. ABtUS products can be found in industrial, commercial retail and home applications like:

- Production Studios • Rental and Staging • Home Theatres • Live Broadcast or Presentation Applications

TECHNICAL SPECIFICATION

INPUT:	1 x HDMI Female connector
OUTPUT:	4 x HDMI Female connector
HDMI VERSION:	1.2a
BANDWIDTH:	1.65 GHz
MAX RESOLUTION:	Full 1080p
CABLE LENGTH (INPUT):	Up to 15 meter [* Depending on cable rating]
CABLE LENGTH (OUTPUT):	Up to 15 meter [* Depending on cable rating]
HOUSING:	ABS
DIMENSION:	210 x 120 x 32
WEIGHT:	250g
ACCESSORIES:	Power cord
POWER SOURCE:	12V-DC, 500mA

* Specifications are subject to change without notice.

AVA-HDMI18

1:8 HDMI DISTRIBUTION AMPLIFIER



DESCRIPTION

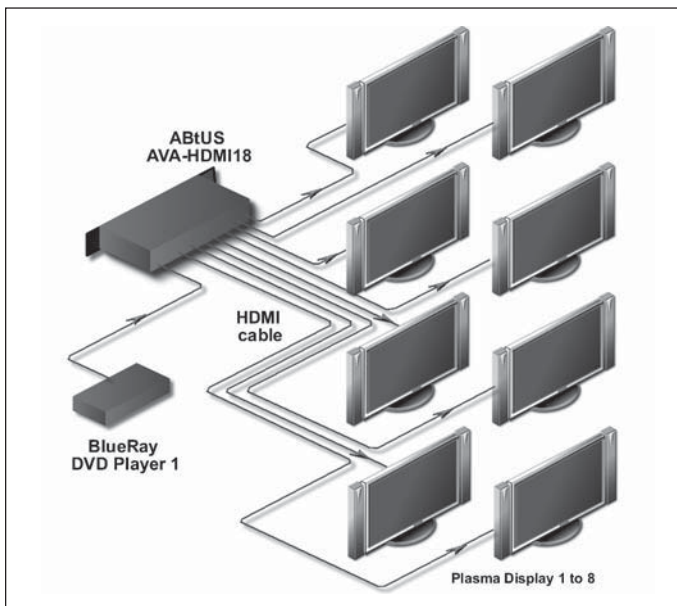
The ABtUS AVA-HDMI18 is a high quality 1 Input 8 output distribution amplifier for HDMI signal. The AVA HDMI 18 distributes a HDMI source to maximum 8 HDMI digital display devices (Projectors, Plasma and LCD Monitors) with excellent identical reproduction. It supports a wide range of PC and HDTV resolutions from VGA to WUXGA and 480p to 1080p.

FEATURES

- Allows connection of 1 High Definition sources to 8 HD displays.
- Supports resolutions up to 1080p.
- Easy Installation
- Inputs Gain Control : 0dB, 6dB or 12dB
- Outputs Gain Control : 0dB, 6dB or 12dB

TECHNICAL SPECIFICATION

INPUT:	1 x HDMI Female connector
OUTPUT:	8 x HDMI Female connector
HDMI VERSION:	1.2a
BANDWIDTH:	1.65 GHz
MAX RESOLUTION:	Full 1080p
COM PORT:	1 x 9 pin D-Sub Female connector
CABLE LENGTH (INPUT):	Up to 15 meter (* Depending on cable rating)
CABLE LENGTH (OUTPUT):	Up to 15 meter (* Depending on cable rating)
HOUSING:	Metal
DIMENSION:	430 x 240 x 44 mm
WEIGHT:	1350g
ACCESSORIES:	Power cord
POWER SOURCE:	100 to 230 VAC, 50/60Hz



TYPICAL APPLICATIONS

The ABtUS AVA-HDMI18 is part of the ABtUS series of high quality, high bandwidth and cost effective Distribution Amplifiers designed specially for professional installers. ABtUS products can be found in industrial, commercial retail and home applications like:

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ABtUS

AVA-HDMI12A-G

1X2 HDMI 1.3 DISTRIBUTION AMPLIFIER WITH CEC CONTROL



DESCRIPTION

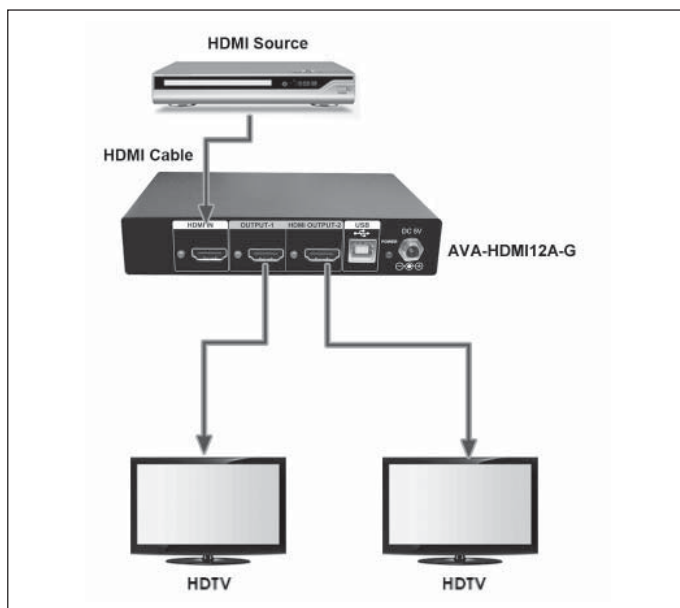
The AVA-HDMI12A-G is a 1x2 HDMI 1.3 Distribution Amplifier with CEC Control provides the most cost effective and advanced HDMI 1.3 splitter solution on the market, by which the high definition video and high quality audio can be transmitted to 2 different locations without losing quality. With built-in USB firmware update mechanism, the compatibility among countless HDMI sources and receivers can be further guaranteed. With 12 bit deep color video and high definition audio support, AVA-HDMI12A-G is suitable for high quality A/V broadcasting, digital signage and education applications! Furthermore, the embedded separate CEC paths provide independent CEC communication channels between CEC capable source and all the individual receivers.

FEATURES

- HDMI 1.3c and DVI 1.0 compliant
- HDCP compliant
- Wide Frequency Range: 25MHz~225MHz
- Video bandwidth: 6.75 GBPS
- Supports conversion of HDMI signaling to DVI
- Resolution up to 1080p or WUXGA
- Automatic EDID learning
- Supports xvYCC
- Supports CEC (not bypassing)
- USB firmware update for expanding compatibility
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- Easy installation

TECHNICAL SPECIFICATION

HDMI COMPLIANCE:	HDMI 1.3c [Deep Color, xvYCC color space supported]
DVI COMPLIANCE:	DVI 1.1
HDCP COMPLIANCE:	YES
VIDEO BANDWIDTH:	Single-link 225MHz [6.75 Gbps]
VIDEO SUPPORT:	Up to WUXGA [1920x1200@60Hz] & UXGA [1600x1200@60Hz]
AUDIO SUPPORT:	DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM
ESD PROTECTION:	[1] Human body model - $\pm 15kV$ [air-gap discharge] & $\pm 8kV$ [contact discharge] [2] Core chipset - $\pm 2kV$
PCB STACK-UP:	4-layer board [impedance control-different 100 Ω ; Single 50 Ω]
USB FIRMWARE UP DATABLE:	YES
CEC CHANNEL:	YES
INPUT TMDS SIGNAL:	1.2 Volts [peak-to-peak]
INPUT DDC SIGNAL:	5 Volts [peak-to-peak, TTL]
INPUT:	1 x HDMI [with 7.1ch audio]
OUTPUT:	2 x HDMI [with 7.1ch audio]
HDMI CONNECTOR:	Type A [19-pin female]
HOUSING:	Metal
DIMENSION:	135 x 94 x 27 mm [5.3" x 3.7" x 1"]
WEIGHT:	355g [0.8 lbs]
POWER SUPPLY:	Inter-lock 5V 2A DC
POWER CONSUMPTION:	4 Watts [max]
OPERATION TEMPERATURE:	0~40°C [32~104°F]
STORAGE TEMPERATURE:	-20~60°C [-4~104°F]
RELATIVE HUMIDITY:	20~90% RH [no condensation]



TYPICAL APPLICATIONS

Rental and Staging, Live Broadcast and Education application

* Specifications are subject to change without notice.

AVA-HDMI14A-G

1X4 HDMI 1.3 DISTRIBUTION AMPLIFIER WITH CEC CONTROL



DESCRIPTION

The AVA-HDMI14A-G is a 1x4 HDMI 1.3 Distribution Amplifier with CEC Control provides the most cost effective and advanced HDMI 1.3 splitter solution on the market, by which the high definition video and high quality audio can be transmitted to 4 different locations without losing quality. With built-in USB firmware update mechanism, the compatibility among countless HDMI sources and receivers can be further guaranteed. With 12 bit deep color video and high definition audio support, AVA-HDMI14A-G is suitable for high quality A/V broadcasting, digital signage and education applications! Furthermore, the embedded separate CEC paths provide independent CEC communication channels between CEC capable source and all the individual receivers.

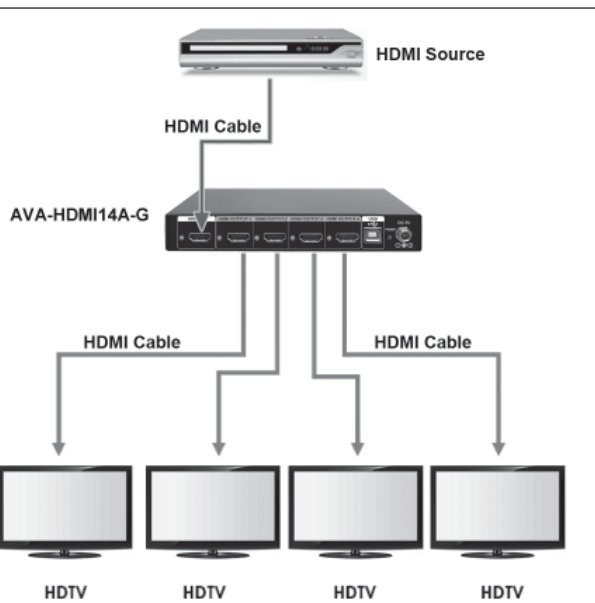
FEATURES

- HDMI 1.3c and DVI 1.0 compliant
- HDCP compliant
- Wide Frequency Range: 25MHz~225MHz
- Video bandwidth: 6.75 GBPS
- Supports conversion of HDMI signaling to DVI
- Resolution up to 1080p or WUXGA
- Automatic EDID learning
- Supports xvYCC
- Supports CEC (not bypassing)
- USB firmware update for expanding compatibility
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- Easy installation

TECHNICAL SPECIFICATION

HDMI COMPLIANCE:	HDMI 1.3c [Deep Color, xvYCC color space supported]
DVI COMPLIANCE:	DVI 1.1
HDCP COMPLIANCE:	YES
VIDEO BANDWIDTH:	Single-link 225MHz [6.75 Gbps]
VIDEO SUPPORT:	Up to WUXGA [1920x1200@60Hz] & UXGA [1600x1200@60Hz]
AUDIO SUPPORT:	DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM
ESD PROTECTION:	[1] Human body model - ±15kV [air-gap discharge] & ±8Kv [contact discharge] [2] Core chipset - ±2Kv
PCB STACK-UP:	4-layer board [impedance control-different 100Ω; Single 50Ω]
USB FIRMWARE UP DATABLE:	YES
CEC CHANNEL:	YES
INPUT TMDS SIGNAL:	1.2 Volts [peak-to-peak]
INPUT DDC SIGNAL:	5 Volts [peak-to-peak, TTL]
INPUT:	1 x HDMI [with 7.1ch audio]
OUTPUT:	4 x HDMI [with 7.1ch audio]
HDMI CONNECTOR:	Type A [19-pin female]
HOUSING:	Metal
DIMENSION:	175 x 94 x 27 mm [6.9" x 3.7" x 1"]
WEIGHT:	445g [1.0 lbs]
POWER SUPPLY:	Inter-lock 5V 2A DC
POWER CONSUMPTION:	4 Watts [max]
OPERATION TEMPERATURE:	0~40°C [32~104°F]
STORAGE TEMPERATURE:	-20~60°C [-4~104°F]
RELATIVE HUMIDITY:	20~90% RH [no condensation]

* Specifications are subject to change without notice.



TYPICAL APPLICATIONS

Rental and Staging, Live Broadcast and Education application

AVS-HDMI21

2:1 HDMI SWITCHER

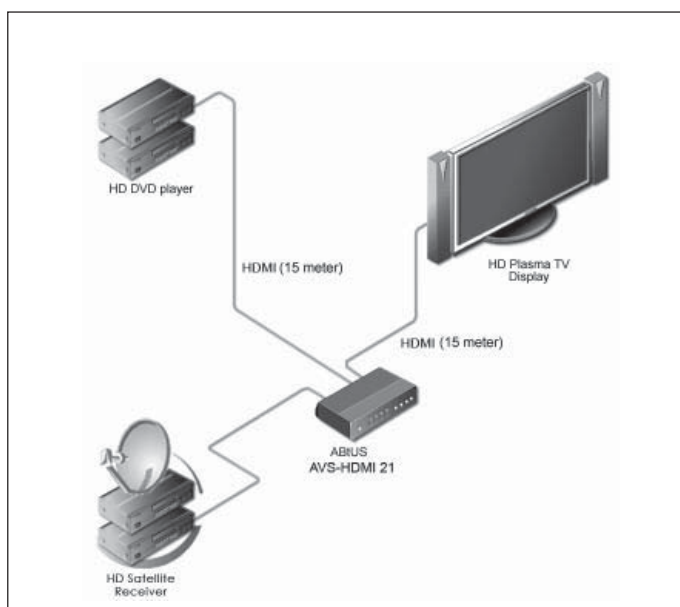


DESCRIPTION

The ABtUS AVS-HDMI21 is a high quality 2 Input 1 output switcher for HDMI signal. With ABtUS AVS-HDMI21, you can connect up to 2 HDMI input devices (e.g. DVD Player, Satellites Receivers) to a single HDMI Output.

FEATURES

- Inputs Select 2
- Gain Control 0dB, 2dB, 4dB or 6dB
- Easy Installation



TYPICAL APPLICATIONS

The ABtUS AVS-HDMI21 is part of the ABtUS series of high quality, high bandwidth and cost effective Distribution Amplifiers designed specially for professional installers. ABtUS products can be found in industrial, commercial retail and home applications like:

- Production Studios • Rental and Staging • Home Theatres • Live Broadcast or Presentation Applications

TECHNICAL SPECIFICATION

INPUT:	2 x HDMI Female connector
OUTPUT:	1 x HDMI Female connector
HDMI VERSION:	1.3
BANDWIDTH:	1.65 GHz
MAX RESOLUTION:	Full 1080p
IR COM PORT:	1 x 3.5mm connector
CABLE LENGTH (INPUT):	Up to 15 meter [* Depending on cable rating]
CABLE LENGTH (OUTPUT):	Up to 15 meter [* Depending on cable rating]
HOUSING:	ABS
DIMENSION:	210 x 120 x 32 mm
WEIGHT:	250g
ACCESSORIES:	AC-DC Power Adaptor 12V-DC, 500mA and Remote controller
POWER SOURCE:	12V-DC, 500mA

* Specifications are subject to change without notice.

AVS-HDMI41

4:1 HDMI SWITCHER



DESCRIPTION

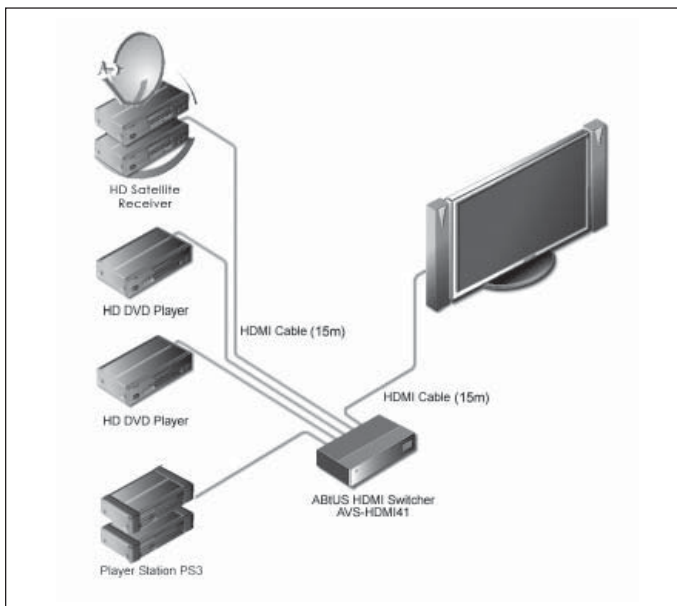
The ABtUS AVS-HDMI41 is a high quality 4 Input 1 output switcher for HDMI signal. With ABtUS AVS-HDMI21, you can connect up to 4 HDMI input devices (e.g. DVD Player, Satellites Receivers) to a single HDMI Output.

FEATURES

- Inputs Select 4
- Gain Control 0dB, 2dB, 4dB or 6dB
- Easy Installation

TECHNICAL SPECIFICATION

INPUT:	4 x HDMI Female connector
OUTPUT:	1 x HDMI Female connector
HDMI VERSION:	1.3
BANDWIDTH:	1.65 GHz
MAX RESOLUTION:	Full 1080p
IR COM PORT:	1 x 3.5mm connector
CABLE LENGTH (INPUT):	Up to 15 meter [* Depending on cable rating]
CABLE LENGTH (OUTPUT):	Up to 15 meter [* Depending on cable rating]
HOUSING:	ABS
DIMENSION:	210 x 120 x 32 mm
WEIGHT:	250g
ACCESSORIES:	AC-DC Power Adaptor 12V-DC, 500mA and Remote controller
POWER SOURCE:	12V-DC, 500mA



TYPICAL APPLICATIONS

The ABtUS AVS-HDMI41 is part of the ABtUS series of high quality, high bandwidth and cost effective Distribution Amplifiers designed specially for professional installers. ABtUS products can be found in industrial, commercial retail and home applications like:

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ABtUS

AVS-HDMI81

8:1 HDMI SWITCHER

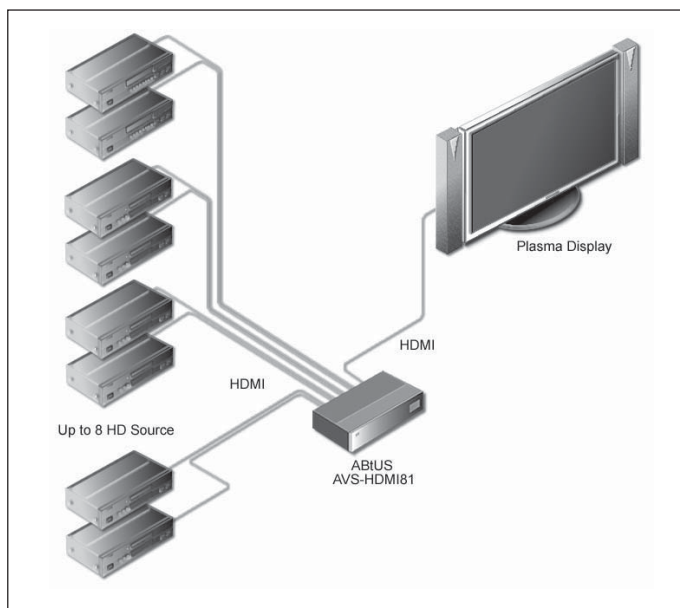


DESCRIPTION

The ABtUS AVS-HDMI81 is a high quality 8 Input 1 output switcher for HDMI signal. With ABtUS AVS-HDMI81, you can connect up to 8 HDMI input devices (e.g. DVD Player, Satellites Receivers) to a single HDMI Output.

FEATURES

- Inputs Select : 8
- Easy Installation
- Inputs Gain Control : 0dB, 6dB or 12dB
- Outputs Gain Control : 0dB, 6dB or 12dB



TYPICAL APPLICATIONS

The ABtUS AVS-HDMI81 is part of the ABtUS series of high quality, high bandwidth and cost effective Distribution Amplifiers designed specially for professional installers. ABtUS products can be found in industrial, commercial retail and home applications like:

- Production Studios • Rental and Staging • Home Theatres • Live Broadcast or Presentation Applications

TECHNICAL SPECIFICATION

INPUT:	8 x HDMI Female connector
OUTPUT:	1 x HDMI Female connector
HDMI VERSION:	1.3
BANDWIDTH:	1.65 GHz
MAX RESOLUTION:	Full 1080p
COM PORT:	1 x 9 pin D-Sub Female connector
CABLE LENGTH (INPUT):	Up to 15 meter (* Depending on cable rating)
CABLE LENGTH (OUTPUT):	Up to 15 meter (* Depending on cable rating)
HOUSING:	Metal
DIMENSION:	430 x 240 x 44 mm
WEIGHT:	1350g
ACCESSORIES:	Power cord and Remote controller
POWER SOURCE:	100 to 230 VAC, 50/60Hz

* Specifications are subject to change without notice.