

SPECIFICATION

Model Number:	AVA-HDMI18
Description:	1-In 8-Out HDMI Distribution Amplifier
Performance:	
HDMI Version Compliant	1.2a
HDCP Compliant	Yes
Maximum Pixel Clock	25MHz to 165MHz
Maximum Data Rate	250Mbps to 1.65Gbps
Supported Audio TOSLink	Dolby TrueHD and DTS-HD Master Audio
HDTV Resolutions Supported	480i, 480p, 720p, 1080i, 1080p
Maximum PC Resolution	1920x1200 / 60 Hz
Max. Cable Distance at Input(s)	15 meters / 49.2 ft at 1.65Gbps
Max. Cable Distance at Output(s)	15 meters / 49.2 ft at 1.65Gbps

I/O Connectors:	
Input Port Connectors	1x 19pin Type A HDMI (Female)
Output Port Connectors	8x 19pin Type A HDMI (Female)
Input Selection	Front panel push button, RS-232 or IR Remote Control Unit
IR Remote Angle	15 degree
IR Remote Range	10 meters / 32.8 ft.

Mechanical:	
Size (LxBxH)	17" x 9" x 1.73' (442 x 228 x 43mm)
Product Weight	4.519 lbs. (2050g)
Shipping Weight	5.622 lbs.(2550g)

Environmental:	
Operating Temperature	+32° to +104° F. (0° to 40° C.)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	+20° to +140° F. (-20° to +60° C.)
Storage Humidity	10% to 85%, Non-condensing

Product Requirement:	
External Power Supply	AC 100~240 V, 50/60Hz
Power Consumption	6 Watts (Max)

Accessories Included:	
	1 x AC Cord
	1 x Operations Manual
	1 x Remote Control (*with battery)
	1 x Serial Cable

Notes:

1.) To ensure optimum performance, you should use a HDMI™ cables (*24 AWG) with this product.

A WORLD OF DIGITAL CLARITY



Model: AVA-HDMI18

* Specifications are subject to changes without notification

User Operation Guide

PRODUCT DESCRIPTION

View your HD source on up to 8 Full HD displays at one go! This Distribution Amplifier allows your HD source signal, such as a HD-DVD player, Blue-ray player, PS-3 and satellite set-top box to be sent to 8 different Full-HD (*1080p) displays. With its equalized TMDS inputs and pre-emphasized TMDS outputs it allows you to not only send your HD video signal, but a digital audio signal as well with a max cables runs up to 15meter at input and 15meter output end.

The ABtUS 1x8 Distribution Amplifier is a perfect solution to mirror your Full HD video and audio source onto 8 different HD displays. Connecting your HD Distribution Amplifier is simply plug and play. Since the 1x8 Distribution Amplifier is HDCP compliant, you can rest assured that your signal will be sharp, clear, and free of distortions on all four displays and saving you money by preventing the need of purchasing more than one source.

PRODUCT HIGHLIGHTS

- Supports data rates up to 1.65 Gbps, enabling 1080p deep color (12-bit color) HDMI™ formats, and greater than UXGA (1600 × 1200) DVI resolutions.
- Input cable equalizer and gain control enables use of long cables at both the input and output end (up to a total of 15 meters of 24 AWG cable at 1.65 Gbps).
- Featured with equalized TMDS inputs and pre-emphasized TMDS outputs, ideal for systems with long cable runs up to a Max 15meter at both input and output end.
- Compatible with all HDMI-equipped, HDCP-enabled HDTV devices.
- Support all HDMI™ Version 1.2a receive-compliant solution
- Discrete channel selection both IR remote control
- Easy to install and simple to operate.

PACKAGE CONTENTS



Model: AVA-HDMI18



User Manual



AC Cord

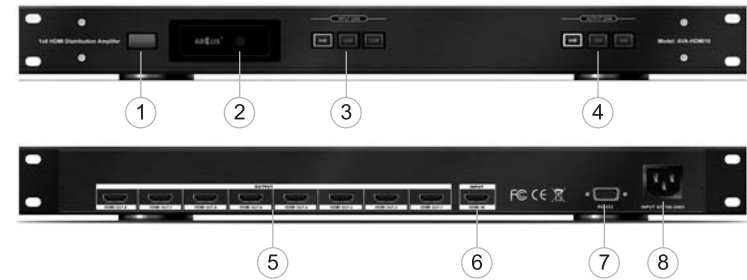


Remote control



Serial Cable

PANEL VIEW



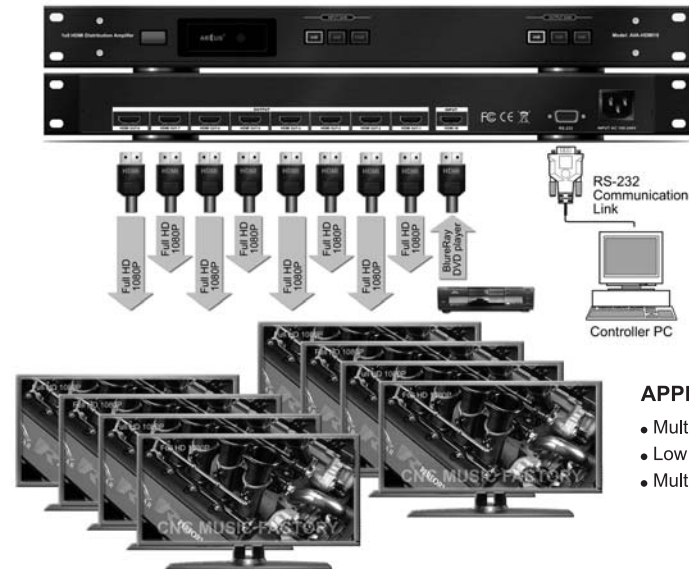
ITEM

DESCRIPTION

- | | |
|----------------|---|
| 1. Power | Main Power ON/OFF Switch |
| 2. IR Receiver | IR Receiver |
| 3. Input Gain | Selection of Input Gain (0dB, 6dB or 12dB) |
| 4. Output Gain | Selection of Output Gain (0dB, 3dB or 6dB) |
| 5. Output port | HDMI Output port 1 to 8 ** Please see remark |
| 6. Input port | HDMI Input port |
| 7. Serial port | RS-232 com port, communication Link to external control system |
| 8. AC In | Before plugging in the power, please check if the power is AC 100~240V, 50/60Hz |

NOTE: HDMI™ System Intelligent Display Data Channel (DDC) and Extended Display Definition Data will takes it reference from the distribution OUT PORT #1, the rest will mirror port #1.

SYSTEM DIAGRAM



APPLICATIONS:

- Multiple HD Display and one HD source System.
- Low cost solution to Show Room integration
- Multiple HD Display with exhibition system