

Overview

The Solecis AVB-DA-RGBHV-0102 1x2 RGBHV HD-15 Distribution Amplifier (**FG1340-1200-01**) is a high-bandwidth, high-resolution 1x2 VGA through to UXGA distribution amplifier. The video bandwidth exceeds 350MHz making the AVB-DA-RGBHV-0102 the ideal choice for all presentation applications. It utilizes buffered outputs to provide signal integrity when distributing data and video to plasma displays, projectors and monitors. By using true, high-quality VGA cable, signal and picture quality can be extended over long distances. The AVB-DA-RGBHV-0102 also comes complete with an external 12V power supply.

(front)

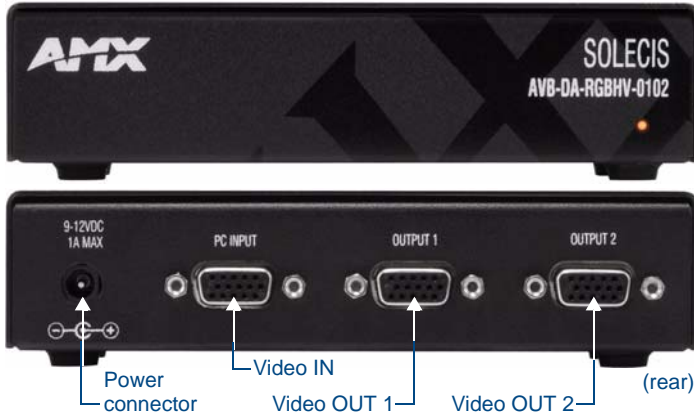


FIG. 1 Solecis AVB-DA-RGBHV-0102

Common Application

The AVB-DA-RGBHV-0102 is a perfect choice for a variety of presentation applications requiring up to two outputs.

Product Specifications

AVB-DA-RGBHV-0102 Specifications	
RGB Input (HD-15)	
Number:	1
Level:	Analog
Max Level:	1V p-p
Impedance:	75 ohm
Sync Input	
Type:	Analog or TTL
Impedance:	470 ohm
RGB Video Bandwidth:	400MHz -3dB
RGB Return Loss:	-45dB@10MHz, -27dB@100MHz
Sync Processing:	TTL restore
RGB Outputs (HD-15)	
Number:	2
Level:	Analog
Gain:	Unity
Impedance:	75 ohm
Sync Output	
Level:	TTL
Impedance:	75 ohm

AVB-DA-RGBHV-0102 Specifications (Cont.)	
Power	
Input Voltage:	9-12VDC
Power Consumption:	3W
Heat Dissipation:	10.2 BTU/hr
Dimensions (HWD):	<ul style="list-style-type: none"> 1.44" x 5.80" x 2.77" 36.6mm x 147.3mm x 70.4mm
Weight:	0.62 lbs. (0.28kg)
Included Accessories:	PS2.8 power supply (MA423-11)
Certifications:	<ul style="list-style-type: none"> CE FCC class B, part 15 RoHS/WEEE compliant

Safety Instructions

Please read these instructions before using your AMX Solecis device. Failure to comply with these instructions could result in fire, electrical shock, personal injury, death, or damage to the equipment.

Liquid Spills

Do not set drinks on top of the unit or immerse the unit in liquid.

Do Not Disassemble

This device contains no user serviceable parts. All servicing must be performed by a qualified service technician.

For Safety Reasons

- Do not place the unit on an unstable surface.
- Do not use near water or sources of heat.
- Use only recommended attachments.
- Use the type of power supply as specified. Unplug the power to the unit and refer servicing to qualified personnel under the following conditions:
 - If liquid has been spilled or the unit has been exposed to rain or water.
 - If it does not operate normally when the operating instructions are followed or if it exhibits a distinct change in performance indicating a need for service.
 - If the unit has been dropped or the cabinet damaged.

Video Pin Connections

FIG. 2 provides the pin layout for the HD-15 connectors:

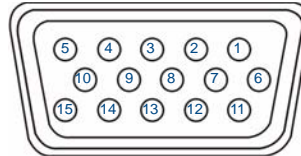


FIG. 2 RGBHV connector

The pin configuration for the HD-15 (video) connectors are as follows:

- | | |
|------------------|------------------|
| 1 - RED | 9 - n/c |
| 2 - GREEN | 10 - SYNC GROUND |
| 3 - BLUE | 11 - n/c |
| 4 - n/c | 12 - n/c |
| 5 - n/c | 13 - H SYNC |
| 6 - RED GROUND | 14 - V SYNC |
| 7 - GREEN GROUND | 15 - n/c |
| 8 - BLUE GROUND | |

NOTE: Extended Display Identification Data (EDID) is passed via the RGB Input.

