

Solecis AVB-DA-RGBHV-0103

Overview

The Solecis AVB-DA-RGBHV-0103 1x3 RGBHV BNC Distribution Amplifier (**FG1340-3403-01**) is a high quality wide bandwidth distribution amplifier. With video bandwidth exceeding 350 MHz (-3dB) the AVB-DA-RGBHV-0103 is ideal for all RGBHV, RGBS, RGsB and YUV type signals.

The AVB-DA-RGBHV-0103 can be used as a composite video distribution amplifier and the terminated inputs and 75 ohm driven outputs make it excellent for connection to long cable runs.

The AVB-DA-RGBHV-0103 is housed in a metal enclosure and is powered by the supplied external power adaptor.

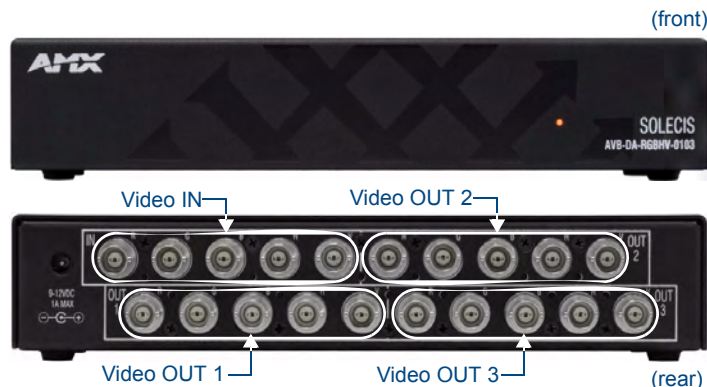


FIG. 1 Solecis AVB-DA-RGBHV-0103

Common Application

Great for delivering up to three outputs over long cable runs.

Product Specifications

AVB-DA-RGBHV-0103 Specifications	
RGB Input (BNC)	
Number:	1
Level:	Analog
Max Level:	1V p-p
Impedance:	75 ohm
Sync Input	
Type:	Analog or TTL
Impedance:	75 ohm
RGB Video Bandwidth:	350MHz -3dB
RGB Return Loss:	-45dB@10MHz, -28dB@100MHz
Adjacent Channel X-talk:	-70db@10MHz, -50dB@100MHz
RGB Outputs (BNC)	
Number:	3
Level:	Analog
Gain:	Unity
Impedance:	75 ohm
Sync Output	
Level:	TTL
Impedance:	75 ohm
Power	
Input Voltage:	9-12VDC
Power Consumption:	8 W
Heat Dissipation:	27.3 BTU/hr

AVB-DA-RGBHV-0103 Specifications (Cont.)

Dimensions (HWD):	1.86" x 9.10" x 4.50" 47.2mm x 231.1mm x 114.2mm
Weight:	3.3 lbs (1.5 kg)
Included Accessories:	PS4.4 power supply (FG423-44)
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.

Connections

PC Source

Connect the PC source to the Input socket on the rear panel of the unit and connect monitors, projectors etc to the Output sockets.

- The PC video input is 75 ohm terminated.
- The PC video outputs are fully 75 ohm driven for connection to long cable runs.

Note: It is imperative that the input source is fully compatible with the display device.

Power

- Connect the supplied power pack to the power socket on the unit.
- Connect the power supply to a MAINS source. The power LED on the front of the unit will light and the input signal will be present on all 3 outputs.

