

## ANALOG DISTRIBUTION AMPLIFIERS

### FEATURES

Extron's Analog Distribution amplifiers take RGBS signals from one source and distribute it to several destinations. This instruction label covers several ADA models, although the illustration shows an ADA 6 300 MX HV.

*Note: The number of outputs and the number of BNC connectors per input and output depend on which ADA model you have. Check your ADA model with the MODELS AND FEATURES list below.*

### INSTALLATION

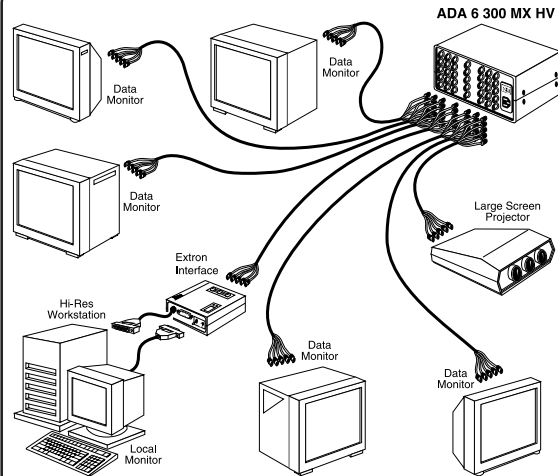
To install your Analog Distribution amplifier(s) do the following:

1. Remove power to the ADA and all computers and other devices that will be connected during the installation procedure.
2. If mounting in a rack, first mount the ADA to a Rack Front Panel, or Universal Rack Shelf, and then mount the assembly in the rack.
3. Connect the input BNC connectors to the signal source, such as computer video through a video interface.

*Note: If connecting ADAs in series to expand the number of outputs, the input for ADA #2 will be an output from ADA #1, etc.)*

4. Connect each output to its destination. (monitor, projector, etc.)
5. Apply power to the ADA(s) and other devices, PC computer, local monitor and other display device(s).
6. Set the Gain Switches for the best results, using these guidelines:  
Video Gain: Normal = .7 v position; 1 v position for long cable runs.  
Sync Gain: Normal = 4 v position (TTL sync); use 1 v position for analog sync

### CONNECTION DIAGRAM



### MODELS AND FEATURES

ADA Models and Features	ADA 3 80	ADA 3 180	ADA 4 300 MX	ADA 4 300 MX HV	ADA 6 300 MX	ADA 6 300 MX HV
<b>Video Gain Switch</b>	.7 or 1 Volt	.7 or 1 Volt	.7 or 1 Volt	.7 or 1 Volt	.7 or 1 Volt	.7 or 1 Volt
<b>Sync gain Switch</b>	4 Volts or 1 Volt	4 Volts or 1 Volt	4 Volts or 1 Volt	4 Volts or 1 Volt	4 Volts or 1 Volt	4 Volts or 1 Volt
<b>Video Amplifier Bandwidth</b>	200 Mhz	300 Mhz	650 Mhz	650 Mhz	650 Mhz	650 Mhz
<b>Actual Video Bandwidth</b>	100 Mhz	200 Mhz	300 Mhz	300 Mhz	300 Mhz	300 Mhz
<b>Number of Outputs</b>	4, 3 + loop	3	4	4	6	6
<b>Input Impedence - Video</b>	75 ohm	75 ohm	75 ohm	75 ohm	75 ohm	75 ohm
<b>Input Impedence - Sync</b>	500 ohm	500 ohm	500 ohm	500 ohm	500 ohm	500 ohm
<b>Output Impedence</b>	75 ohm	75 ohm	75 ohm	75 ohm	75 ohm	75 ohm
<b>Sync Input Sensitivity</b>	.5 to 5 volts	.5 to 5 volts	.5 to 5 volts	.5 to 5 volts	.5 to 5 volts	.5 to 5 volts
<b>Internal AC or DC Coupling Option</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Power Consumption</b>	2 Watts	3 Watts	5 Watts	5 watts	5 Watts	5 Watts
<b>Internal RGB Gain</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Sync Formats (Comp. = Composite) (S.O.G. = Sync On Green)</b>	Comp. Sync S.O.G.	Comp. Sync S.O.G.	Comp. Sync S.O.G.	Comp. Sync, S.O.G., and separate H&V	Comp. Sync S.O.G.	Comp. Sync, S.O.G. and separate H & V
<b>Rack Mountable</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Weight</b>	4 lbs.	4 lbs.	5 lbs.	5 lbs.	7 lbs.	8 lbs.
<b>Power Supply</b>	9 Volts, 500 mA	9 Volts, 500 mA	Internal IEC (100-240 VAC)	Internal IEC (100-240 VAC)	Internal IEC (100-240 VAC)	Internal IEC (100-240 VAC)



**EXTRON ELECTRONICS / RGB SYSTEMS**  
1230 South Lewis Street  
Anaheim, CA 92805  
(714) 491-1500 FAX (714) 491-1517  
U.S.A.

**EXTRON ELECTRONICS, EUROPE**  
Beeldschermweg 6C  
3821 AH Amersfoort  
+31-33-453-4040 FAX +31-33-453-4050  
The Netherlands

**EXTRON ELECTRONICS, ASIA**  
41B Kreta Ayer Road  
Singapore 089003  
+65-226-0015 FAX +65-226-0019  
Singapore



69-05  
33-053-01  
Rev. D  
(4 web)