

DA RGBHV Series

Two, Four, or Six Output Wideband RGBHV Distribution Amplifiers

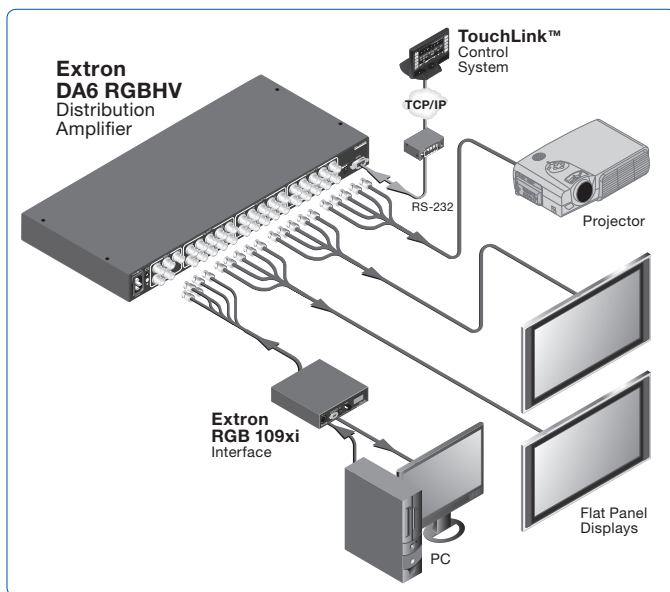


DESCRIPTION

The Extron **DA RGBHV Series** of distribution amplifiers split a signal from a high resolution source and distribute it to multiple outputs, providing amplification and enhancement of the signal to maintain signal quality.

SERIES FEATURES

- 350 MHz (-3 dB) RGB bandwidth, fully loaded
- Compatible with RGBHV, RGBS, RGSB, RsGsBs, component video, S-video, and composite video
- Selectable gain and peaking
- Selectable input AC or DC coupling
- Individual output muting control via contact closure
- Internal universal power supply



SPECIFICATIONS

VIDEO	
Bandwidth	350 MHz (-3 dB), fully loaded
VIDEO INPUT	
Number/signal type	1 RGBHV, RGBS, RGSB, RsGsBs, HDTV component video, S-video, composite video
Nominal level (at unity gain)	1.0 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB, for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
VIDEO OUTPUT	
Number/signal type	2, 4, or 6 RGBHV, RGBS, RGSB, RsGsBs, HDTV component video, S-video, composite video (follows input type)
Connectors	(2, 4, or 6) x 5 female BNC
Nominal level	1.0 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB, for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
SYNC	
Input level	Analog or TTL: 0.5 V to 5 Vp-p
Output level	TTL: 5 Vp-p, unterminated
CONTROL/REMOTE	
Contact closure	1 female 9-pin D connector
GENERAL	
Power	100 VAC to 240 VAC, 50-60 Hz, 10 watts, internal
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Mounting	
Rack mount	
DA2 RGBHV	Yes, with optional 1U rack shelf
DA4/6 RGBHV	Yes, with included mounting kit
Furniture mount	
DA4/6 RGBHV	Yes, with included mounting kit
Enclosure dimensions	
DA2 RGBHV	1.7" H x 8.7" W x 9.4" D (1U high, half rack wide) (4.3 cm H x 22.1 cm W x 23.9 cm D)
DA4/6 RGBHV	1.75" H x 17.5" W x 8.5" D (1U high, full rack wide) (4.4 cm H x 44.4 cm W x 21.6 cm D) (Depth excludes connectors.)
Product weight	
DA2 RGBHV	2.0 lbs (0.9 kg)
DA4 RGBHV	3.7 lbs (1.7 kg)
DA6 RGBHV	3.9 lbs (1.8 kg)

For complete specifications, please go to www.extron.com

DA2 RGBHV Two Output Wideband RGBHV Distribution Amplifier

UNIQUE FEATURES

- Input: One set of female BNC connectors
- Outputs: Two sets of female BNC connectors
- 1U, half rack width metal enclosure



MODEL	VERSION DESCRIPTION	PART #
DA2 RGBHV	1x2 RGBHV.....	60-488-01

DA4 RGBHV Four Output Wideband RGBHV Distribution Amplifier

UNIQUE FEATURES

- Input: One set of female BNC connectors
- Outputs: Four sets of female BNC connectors
- 1U, full rack width metal enclosure
- Includes rack ears, part # 70-077-03



MODEL	VERSION DESCRIPTION	PART #
DA4 RGBHV	1x4 RGBHV.....	60-489-01

DA6 RGBHV Six Output Wideband RGBHV Distribution Amplifier

UNIQUE FEATURES

- Input: One set of female BNC connectors
- Outputs: Six sets of female BNC connectors
- Includes rack ears, part # 70-077-03



MODEL	VERSION DESCRIPTION	PART #
DA6 RGBHV	1x6 RGBHV.....	60-490-01