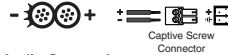


ASA 204 and ASA 304 Quad Audio Summing Amplifiers

The Extron ASA 204 and ASA 304 provide the equivalent of four high-performance audio summing amplifiers (that convert stereo audio signals into balanced or unbalanced mono signals) in one box.

Installation Procedure

1. If desired, furniture mount, projector mount, or rack mount the ASA.
2. Connect stereo audio devices to the RCA or captive screw input connectors (depending on the model).
3. Connect mono audio devices to the captive screw output connectors.
4. Connect power. Wire the connector as shown below.



Output Gain DIP Switch (UNBAL/BAL)

Use this switch to set the audio output gain level. Gain levels available via the switch vary depending on whether both inputs are receiving signals, and on the output wiring, as shown in the table below. (The switch marked SPARE has no function.)

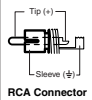


Input Channel	Left	Right	Output wiring	Output DIP Switch Setting	
				Unbalanced	Balanced
signal	signal	balanced	balanced	+9dB	+3dB
				+3dB	-3dB
signal	signal	balanced	balanced	+3dB	-3dB
				-3dB	-9dB
signal	signal	unbalanced	unbalanced	+3dB	-3dB
				-3dB	-9dB
signal	signal	unbalanced	unbalanced	-3dB	-9dB
				-9dB	-9dB

Audio Connections

Use the diagrams below, as appropriate, for making audio connections.

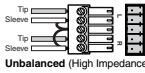
ASA 204 Stereo Inputs



RCA Connector



ASA 304 Stereo Inputs



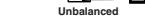
Balanced (High Impedance)



Balanced (600 Ohms)



ASA 204 and 304 Mono Outputs



Balanced



CAUTION Connect the sleeve to ground (Gnd). Connecting the sleeve to a negative (-) terminal will damage the audio output circuits.