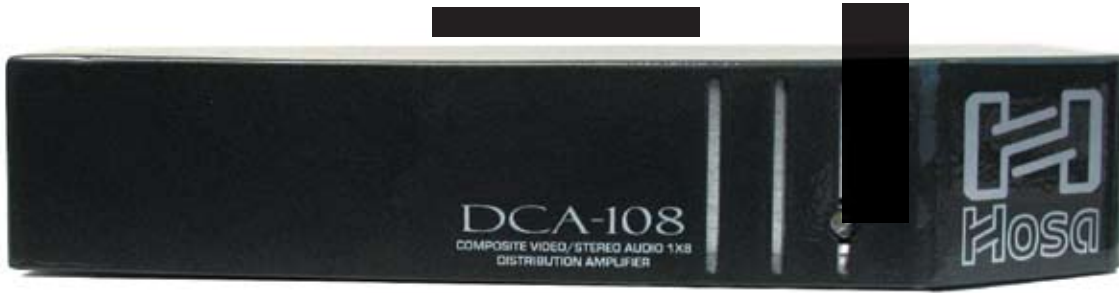


Hosa DCA-108 Applications Guide

Power Indicator Light



Connect your composite video SOURCE here.

Plug-in power supply here.



Connect your stereo audio SOURCE here.

Figure 2. Rear View

The Hosa DCA-108 Composite Video and Stereo Audio 1x8 Distribution Amplifier is a simple, yet high quality audio/video "repeater" which allows one composite video signal and one stereo audio signal to be sent to as many as eight destinations each, without degradation of the signal typically experienced when using passive splitters. Its half-rack size chassis allows attachment of two DCA-108 units side-by-side in industry-standard EIA rack trays, using specially aligned holes in the chassis bottom.

All video connections on the rear panel are BNC connections. If your source or destination gear have different composite video connectors (like "F" coax connectors or RCA connectors), then you will need cables with BNC connectors at one end, and the other appropriate connector at the other end. Adapters may also be used, to allow composite cables with different connectors to be used.

Each stereo audio pair connections is made using a 5-pin phoenix connector. Each stereo pair shares a ground contact. When wiring the phoenix connectors for balanced XLR or 1/4" connections, be sure to observe proper polarity:

Wiring for <u>Balanced</u> Connectors		
Phoenix	Balanced XLR	Balanced 1/4" (TRS)
+	Pin 2	Tip
-	Pin 3	Ring
Ground	Pin 1	Sleeve

For unbalanced connections--i.e. RCA or "mono" 1/4" (TS)--please see Figure 3 to the right. Note that the phoenix's negative (-) post is not used for unbalanced connections to the DCA-108's OUTPUTS. [But the (-) post IS used for the INPUTS.]

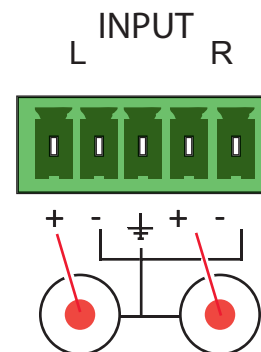
The external power supply (included) provides 12 volts DC. Replace only with a power supply of the same value that uses a "center-post-positive" plug.

If you have difficulties with your DCA-108 Distribution Amplifier, please call us for assistance and we'll be happy to help: (714) 522-8878.

We hope you will enjoy using your new Hosa Distribution Amplifier. Thank you for buying Hosa!

Hosa Technology, Inc.
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Figure 3. Wiring for Unbalanced Connectors



For unbalanced INPUT wiring of RCA plugs/jacks, connect RCA "crowns" (cold or negative) to the ground AND minus contacts as shown (above). Unbalanced OUTPUT connections (below) do not use the (-) contacts.

