

Setup Guide — MDA 3 Series

This card provides quick start instructions for an experienced installer to set up and operate Extron MDA 3 Series S-video, composite video, and audio distribution amplifiers. See the table below right to identify the attributes of each model covered in this guide.

IMPORTANT:
Refer to www.extron.com for the complete user manual and installation instructions before connecting the product to the power source.

Installation

Step 1 — Mounting

Turn off or disconnect all equipment power sources and mount the MDA as required.

Step 2 — Connections

NOTE The drawings below may show features not on your MDA, depending on your model. The MDA 3V Dual has two separate DAs in a single enclosure.

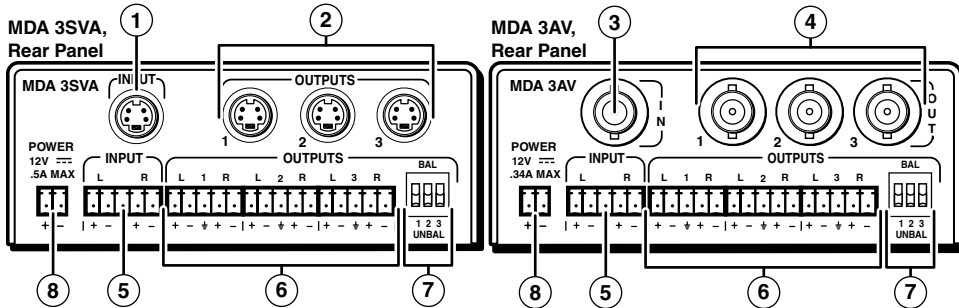
① **Input connector (MDA 3SV models)** — Connect an S-video video source to the Input 4-pin mini DIN connector.



② **Output connectors (MDA 3SV models)** — Connect up to three S-video displays to these 4-pin mini DIN Output connectors.

| Distribution Amplifier | S-video | Composite video | Audio (captive screw connectors) |
|------------------------|---------|-----------------|----------------------------------|
| MDA 3SV | ● | | |
| MDA 3SVA | ● | | ● |
| MDA 3V | | ● | |
| MDA 3AV | | ● | ● |
| MDA 3V Dual | | ● 2 | |
| MDA 3A | | | ● |

2 = Two separate DAs.

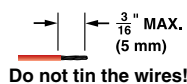


③ **In connector (MDA 3V and 3AV models)** — Connect a composite video source to the BNC connector.

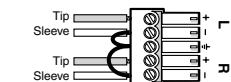


④ **Out connectors (MDA 3V and 3AV models)** — Connect up to three composite video displays to these BNC connectors.

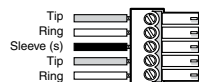
⑤ **Input connector (MDA 3SV A, MDA 3AV, and MDA 3A)** — Connect a balanced or unbalanced stereo audio or mono audio device to the Input 5-pole captive screw connector. Wire the connectors as shown below:



Do not tin the wires!



Unbalanced Stereo Input
(high impedance)

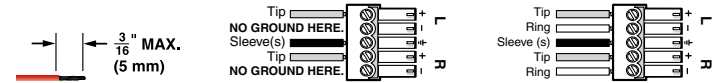


Balanced Stereo Input
(high impedance)

Setup Guide — MDA 3V Series, cont'd

⑥ **Output connectors (MDA 3SV A, MDA 3AV, and MDA 3A)** — Connect up to three balanced or unbalanced stereo audio or mono audio devices to the Output 5-pole captive screw connectors. Wire the connectors as shown below.

CAUTION For unbalanced audio output, connect the sleeve(s) to the ground contact. DO NOT connect the sleeve(s) to the negative (-) contacts.



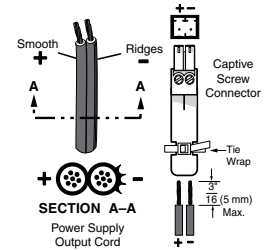
Do not tin the wires! **Unbalanced Stereo Output** **Balanced Stereo Output**

⑦ **Bal(anced)/Unbal(anced) DIP switches (Audio models)** — For each balanced audio output, set the associated DIP switch to the Balanced (up) position. For each unbalanced audio output, set the associated DIP switch to the Unbalanced (down) position.



Each output can be balanced or unbalanced independently of the other two outputs.

⑧ **Power connector** — Connect an IEC power cord between the included 12 V power supply and a 100 VAC/240 VAC, 50-60 Hz source. Connect the power supply to the MDA as shown at right.



CAUTION Always use a power supply supplied and or specified by Extron. Use of an unauthorized power supply voids all regulatory compliance certification and may cause damage to the supply and the end product. Unless otherwise stated, the AC/DC adapters are not suitable for use in air handling spaces or in wall cavities. The installation must always be in accordance with the applicable provisions of National Electrical Code ANSI/NFPA 70, article 75 and the Canadian Electrical Code part 1, section 16. The power supply shall not be permanently fixed to building structure or similar structure..

Operation

After all devices are powered up, the system is fully operational. If any problems are encountered, verify that the cables are routed and connected properly. If your problems persist, call the Extron S³ Sales & Technical Support Hotline that is closest to you, at the number shown below.

| | | | | | | |
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