



**IMPORTANT:**  
Go to [www.extron.com](http://www.extron.com) for the complete user guide, installation instructions, and specifications before connecting the product to the power source.

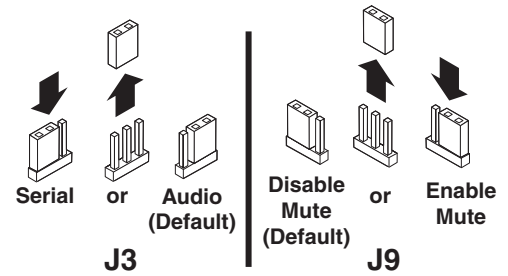
# MTP DA4 and DA8 • Setup Guide

This guide provides basic instructions for an experienced installer to set up and operate an Extron MTP DA4 or DA8 distribution amplifier.

## Pre-installation – Jumpers

See the figure at the right or see “Termination and Mute Jumping” in the *MTP DA4 and MTP DA8 User Guide* for more information.

**NOTE:** The jumpers have no effect when the DA is part of an MTP CV/SV series, or VTT001/VTR001 system.



### Jumper J3

This sets the DA to properly terminate RGB video as well as the audio (default) or serial portion of the input signal.

### Jumper J9

This sets the DA to always pass the audio or serial link regardless of the contact closure mute status (default). It can also be set to mute the audio or serial link when its video mute function is activated.

## Installation

### Step 1 – Mounting

Turn off or disconnect all equipment power sources and mount the MTP DA as required. A mounting example is shown below). See “Mounting” in the user guide for more mounting options.

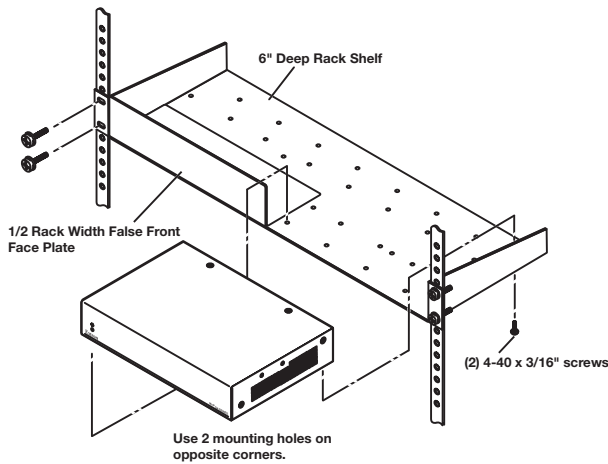


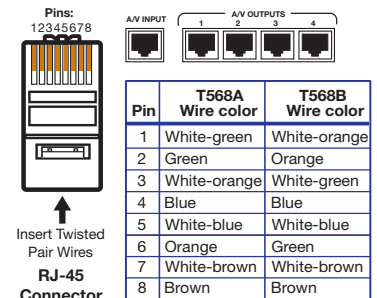
Figure 1. Mounting the MTP DA

### Step 2 – Input from the Transmitter

Terminate a TP cable as shown in figure 3. Connect the cable into a MTP transmitter and into the AV input connector.

### Step 3 – Outputs to the Receivers

Terminate up to four or eight (depending on model) TP cables as shown in the figure to the right. Connect the cables into the DA AV output ports and into receivers that are **compatible with the transmitter**.



**NOTES:**

- The inputs and outputs should be terminated using the same standard on both ends of the cable.
- Only use the TIA/EIA T568A standard when using Enhanced Skew-Free™ AV cable.

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## Step 4 – Power

Wire the 2-pole captive screw connector for the external 12 VDC power supply (see the image on the right).

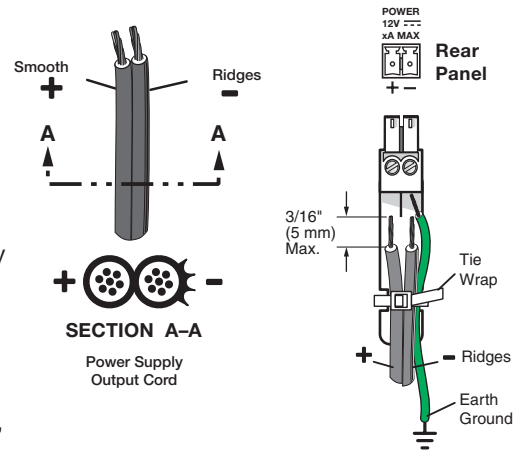
### Grounding the Power Input Port

Extron MTP DA products can be adversely affected by electrostatic discharge (ESD) if they are not grounded correctly.

To prevent malfunctions or product damage, an experienced installer can correctly ground an Extron MTP DA product by inserting one end of the grounding wire to the negative or ground pin on the power input connector (see the image on the right). Tie the other end of the wire to an earth ground.

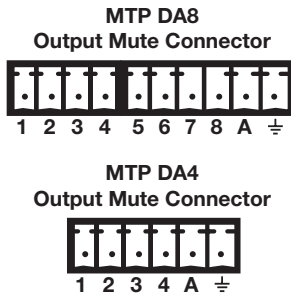
Plug the connector into the MTP DA.

If you have any questions about how to ground a product in a specific application, contact an Extron technical support specialist.



## Operation – Mutes

To mute an output, tie the Output Mute pin to the ground ( $\perp$ ). To mute all outputs, tie the A pin to the ground (see figure 2 for more information).



Pin	Contact Closure	Function
1	Out #1	Mute output #1
2	Out #2	Mute output #2
3	Out #3	Mute output #3
4	Out #4	Mute output #4
5	Out #5	Mute output #5
6	Out #6	Mute output #6
7	Out #7	Mute output #7
8	Out #8	Mute output #8
A	Out All	Mute all output
$\perp$	Gnd	Ground

Figure 2. Mute Connector and Pinout

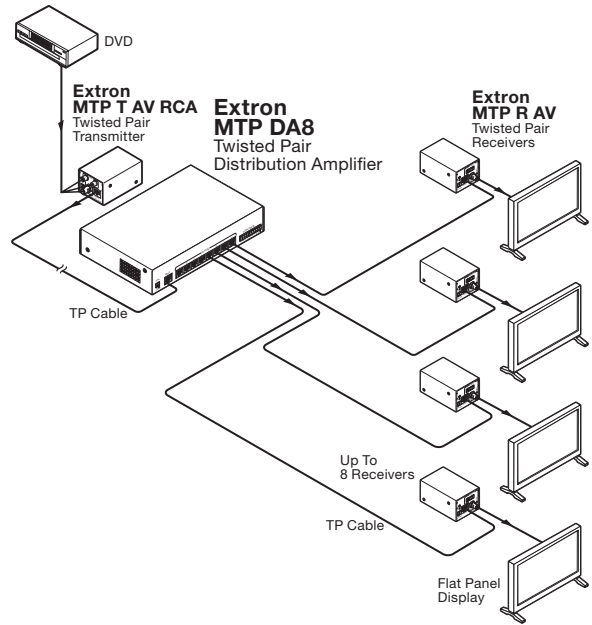


Figure 3. Example of a Typical MTP DA8 Application

Extron Headquarters +800.633.9876 Inside USA/Canada Only		Extron Europe +800.3987.6673 Inside Europe Only	Extron Asia +800.7339.8766 Inside Asia Only	Extron Japan +81.3.3511.7655 +81.3.3511.7656 FAX	Extron China +4000.EXTRON +4000.398766 Inside China Only	Extron Middle East +971.4.299.1800 +971.4.299.1880 FAX	Extron Korea +82.2.3444.1571 +82.2.3444.1575 FAX	Extron India 1800.3070.3777 Inside India Only
Extron USA - West +1.714.491.1500 +1.714.491.1517 FAX	Extron USA - East +1.919.850.1000 +1.919.850.1001 FAX	+31.33.453.4040 +31.33.453.4050 FAX	+65.6383.4400 +65.6383.4664 FAX		+86.21.3760.1568 +86.21.3760.1566 FAX			+91-80-3055.3777 +91 80 3055 3737 FAX