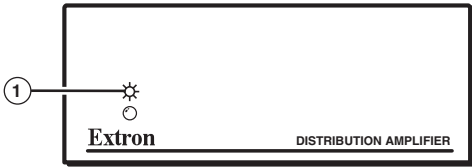


# Setup Guide — MDA 5V, 5SV, 5A RCA

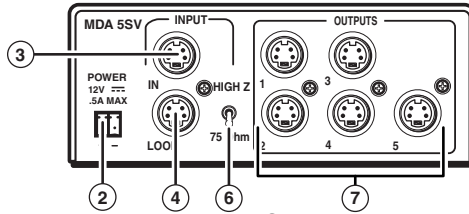
The Extron® MDA 5 series of mini distribution amplifiers distribute buffered composite video (MDA 5V), buffered S-video (MDA 5SV), and amplified stereo audio (MDA 5A RCA). Unless otherwise stated, these instructions apply to all three of the amplifiers.

**WARNING** These instructions provide a quick setup guide for experienced installers. Installation and service must be performed by authorized personnel only.

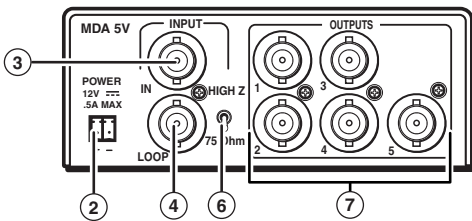
**IMPORTANT:**  
Refer to [www.extron.com](http://www.extron.com) for the complete user manual and installation instructions before connecting the product to the power source.



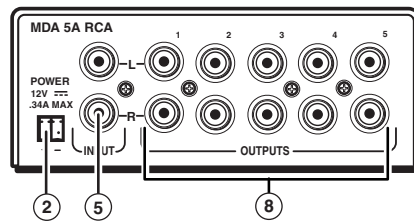
Front Panel All Models



Rear Panel MDA 5SV



Rear Panel MDA 5V



Rear Panel MDA 5A RCA

## Indicators and Connectors

- ① Power LED
- ② Power supply input
- ③ Video input
- ④ Video loop to local monitor
- ⑤ Audio input (left channel top; right channel bottom)
- ⑥ High Z/75 Ohm switch
- ⑦ video outputs
- ⑧ audio outputs (left channel top; right channel bottom)

### Step 1

Turn all the equipment off and disconnect all cables.

### Step 2

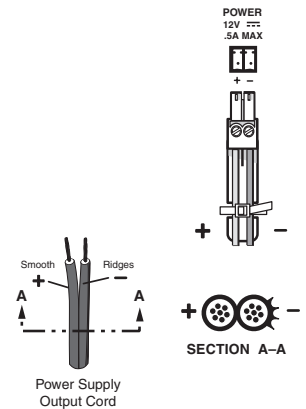
Mount the unit in a convenient location, in a rack, under a desk, or on a projector mounting system. Follow the instructions included with the appropriate mounting kit.

### Step 3

Connect the external 12 VDC power supply (provided) to the 2-pole, captive screw power connector (②). When power is applied to the unit, the front panel LED (①) lights green.

**CAUTION** Voltage polarity is important. Identify the negative lead by the ridges on the side (see figure at right).

**CAUTION** Always use a power supply specified by Extron for this unit. Use of an unauthorized power supply voids all regulatory compliance certification and may cause damage to the supply and the distribution amplifier.



### Step 4

#### For the MDA 5V:

Connect a video source to the video input (③), using composite video (BNC) connectors.

#### For the MDA 5SV:

Connect a video source to the video input (③), using S-video (4-pin mini DIN) connectors.

#### For the MDA 5A RCA:

Connect an audio source to the audio inputs (⑤), using unbalanced stereo to RCA connectors. Left channel input goes to the upper input; right channel input goes to the lower input.

# Setup Guide — MDA 5V, 5SV, 5A RCA, cont'd

## Step 5 (optional)

**For the MDA 5V:**

Connect the video loop feed (④) to a local monitor, using composite video connectors.

**For the MDA 5SV:**

Connect a video loop feed (④) to a local monitor, using S-video connectors.

## Step 6

**For the MDA 5V and MDA 5SV models:**

If a terminated device was connected to the loop feed in **step 5**, set the High Z/75 Ohm switch (⑥) to High Z (up position, as shown in the figure at right). If no device or an unterminated device was connected to the loop feed in **step 5**, set the switch to 75 Ohm (down position).

HIGH Z



75 Ohm

## Step 7

**For the MDA 5V:**

Connect up to five display composite video devices to the outputs (⑦), using composite video connectors.

**For the MDA 5SV:**

Connect up to five display S-video devices to the outputs (⑦), using S-video connectors.

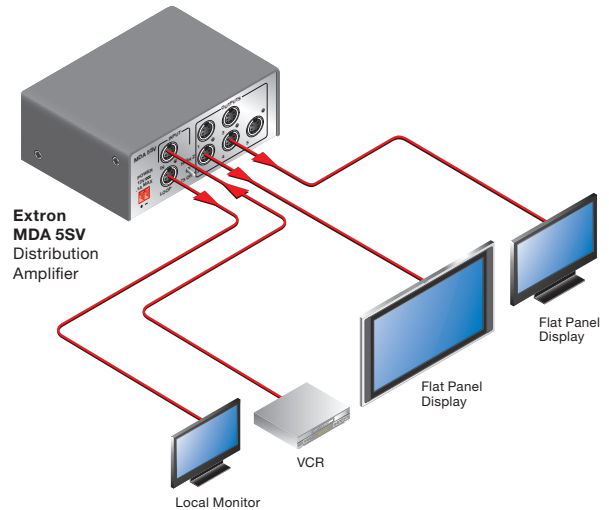
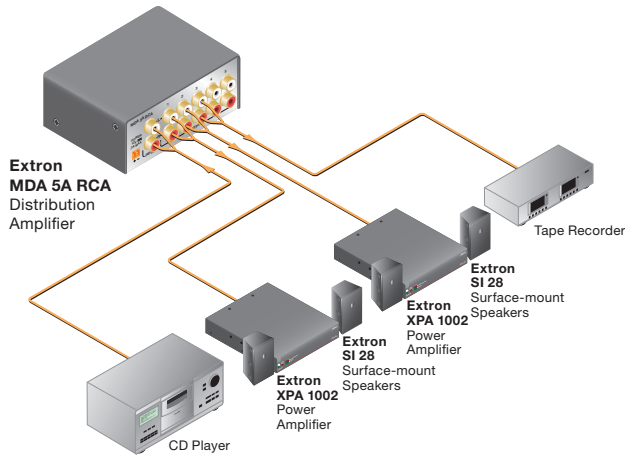
**For the MDA 5A RCA:**

Connect up to five stereo audio devices to the audio outputs (⑧), using the RCA connectors (left channel top; right channel bottom).

## Troubleshooting

If you have problems, please consult the full manual, which is available on-line at [www.extron.com](http://www.extron.com).

If the problems persist, contact the [Extron service department](#).



**Extron USA - West**  
Headquarters

+800.633.9876  
Inside USA / Canada Only  
+1.714.491.1500  
+1.714.491.1517 FAX

**Extron USA - East**

+800.633.9876  
Inside USA / Canada Only  
+1.919.863.1794  
+1.919.863.1797 FAX

**Extron Europe**

+800.3987.6673  
Inside Europe Only  
+31.33.453.4040  
+31.33.453.4050 FAX

**Extron Asia**

+800.7339.8766  
Inside Asia Only  
+65.6383.4400  
+65.6383.4664 FAX

**Extron Japan**

+81.3.3511.7655  
+81.3.3511.7656 FAX

**Extron China**

+400.883.1568  
Inside China Only  
+86.21.3760.1568  
+86.21.3760.1566 FAX

**Extron Middle East**

+971.4.2991800  
+971.4.2991880 FAX