

# Setup Guide — DA RGB/YUV Series

This card provides quick start instructions for an experienced installer to set up and operate an Extron DA2/4/6 RGB or DA 6 YUV A distribution amplifier.

**NOTE** The DA RGBHV models buffer and distribute RGBHV, RGBS, RGsB, and RsGsBs video. The DA6 YUV A buffers and distributes component video and digital audio. The DA can also buffer and distribute RGBS, RGsB, and RsGsBs video. By using the digital audio connections for composite sync rather than audio, the DA can distribute RGBS video.

**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.

## Installation

### Step 1 — Mounting

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

**DA2 RGBHV** — Use an optional RSU 129 1U Rack Shelf for rack mounting.

Use an optional MBU 125 Under-Desk Mount Kit to mount the DA under furniture.

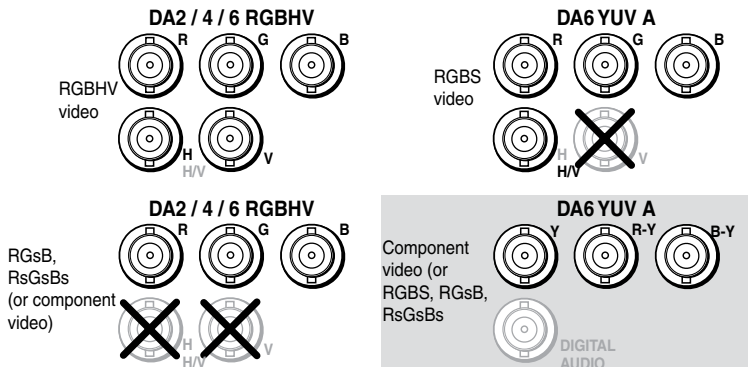
Use an optional MBD 129 Thru-Desk Mount Kit to mount the DA through furniture.

**All other DAs** — Use the included rack mounting bracket for rack or through-desk mounting.

Use an optional MBU 149 1U Enclosure Under-Desk Mount Kit to mount the DA under furniture.

### Step 2 — Video input (all models)

Connect the RGB or component video input as shown. You can connect RGsB or RsGsBs video to a DA6 YUV A. You can also connect RGBS video to a DA6 YUV A by connecting the composite sync (S) input to the digital audio input BNC.



### Step 3 — Digital audio input (DA6 YUV A only)

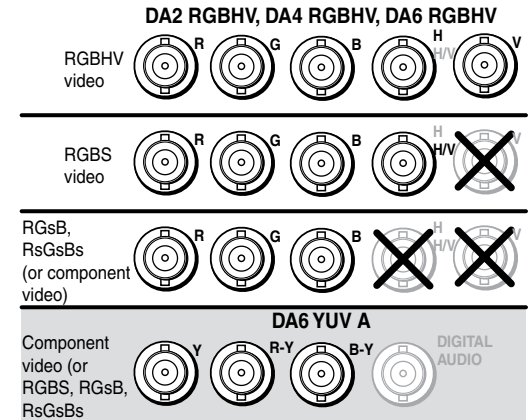
Connect a digital audio source to the input Digital Audio connector. If you are using the DA to buffer RGBS video, connect the composite sync (S) input to this connector in place of the digital audio.



# Setup Guide — DA RGB/YUV Series, cont'd

### Step 4 — Video outputs (all models)

Connect RGB or component video displays or other devices as shown. Make connections as shown at right. You can use a DA6 YUV A to buffer RGsB or RsGsBs video. You can also output RGBS video by connecting the composite sync (S) plane on the digital audio BNC to the composite sync (S) input of the video displays or other devices.



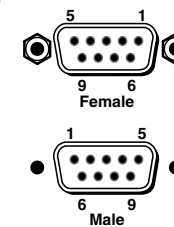
### Step 5 — Digital audio outputs (DA6 YUV A only)

Connect digital audio devices to the output Digital Audio connectors. If you are using the DA to buffer RGBS video, connect this BNC to the composite sync (S) input of the video displays or other devices.



### Step 6 — Mute connector (all, excluding DA6 YUV A)

Each active pin of the 9-pin D connector is assigned to one output of the DA (pin 2 is assigned to all DA outputs). Short and latch an active pin to ground to mute the R, G, and B video planes of that output.



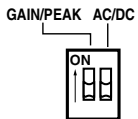
Pin	Contact closure	Function
1	Out #1	Mute output #1
2	Out all	Mute all outputs
3	—	Not used
4	Out #2	Mute output #2
5	Gnd	Ground
6	Out #3	Mute output #3
7	Out #4	Mute output #4
8	Out #5	Mute output #5
9	Out #6	Mute output #6

### Step 7 — DIP switches

The DAs have two rear panel DIP switches; one to turn gain and peaking on and off (Spare on the DA6 YUV A) and one to turn AC coupling on and off.

**Gain/Peak (RGB units only)** — On (up) applies gain and peaking. Use this position for long cable runs (up to 200 feet using Extron MHR cable). Off (down) turns off gain or peaking. Use this position for short cable runs.

**AC/DC switch** — On (up) when the signal source has a high DC offset. Off (down) is the default position for the best picture quality.



### Step 8 — Power

Plug in a standard IEC power cord from a 100 to 240 VAC, 50 - 60 Hz power source into this receptacle.

## 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 and that all display devices have identical resolutions and refresh rates. If your problems persist, call the Extron S<sup>3</sup> Sales & Technical Support Hotline at the number shown below closest to you.

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