

# Setup Guide — RGB 190FV and RGB 192V

This guide provides quick start instructions for an experienced installer to set up and operate Extron® RGB 190FV and RGB 192V analog computer-video interfaces. The RGB 192V also has audio capabilities.

**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.

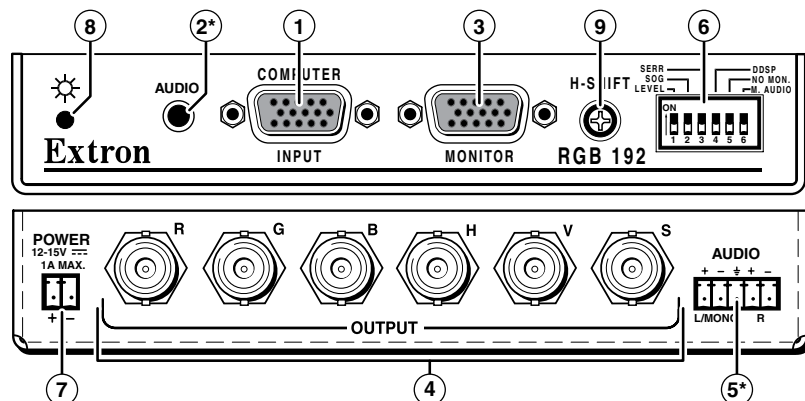
## Installation

### Step 1 — Mounting

Turn off or disconnect all equipment power sources and mount the interface as required. With optional mounting kits, it can be mounted under or through a desk or other furniture.

### Step 2 — Connections

**NOTE** The drawing below shows an RGB 192V. With the exception of audio features (marked with an asterisk [\*] in the callout), the features described in step 2 apply to both models.



**1** **Computer Input** — Connect a computer-video source to this female 15-pin HD connector.

**2** **Audio input (RGB 192V only)** — Connect an unbalanced stereo audio source to this 3.5 mm mini stereo jack for unbalanced audio input.

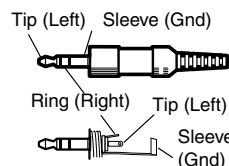
**3** **Monitor connector** — If desired, connect a local monitor or other device to this female 15-pin HD connector.

**4** **BNC output connectors** — Connect a display to these rear panel BNC connectors as shown in the figure below.

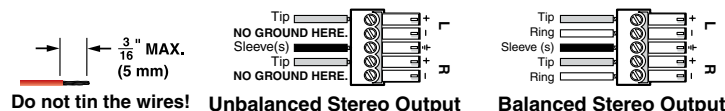


**NOTE** For RGsB video, also select the SOG option using DIP switch 2 (item ⑥).

**5** **Stereo audio output connector (RGB 192V only)** — Connect an audio device, such as powered speakers, to this 3.5 mm, 5-pole captive screw connector for balanced or unbalanced stereo or mono audio output.



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



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**NOTE** Configure the interface for stereo or mono output using rear panel DIP switch 6 in item ⑥, DIP switches, below. When Mono is selected, the right and left inputs are combined and placed on the left output connectors.

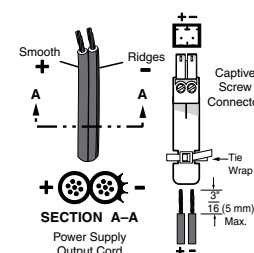
**6** **DIP switches** — This bank of DIP switches configures the interface as shown in the following table. Default position for all switches is off (down).

Switch	On (up)	Off (down)
<b>1 — Level and peaking</b>	0.8 V p-p, 15% peaking	Unity (0.7 V) p-p, no peaking
<b>2 — SOG</b>	Sync on green (RGsB)	RGBHV or RGBS
<b>3 — Serration pulses</b>	Serration pulses present	No serration pulses
<b>4 — DDSP</b>	Bypass sync processing	Allow sync processing
<b>5 — No monitor</b>	No local monitor connected ID bits 4 and 11 grounded	Local monitor connected
<b>6 — Mono audio (spare for RGB 190FV)</b>	Mono on left channel only	Stereo

**7** **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 interface as shown at right.

## CAUTION

This product is intended to be supplied by a Listed Power Unit marked "Class 2" or "LPS", rated 12 VDC, 1.0 A minimum. Always use a power supply supplied by 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 a 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 Sales & Technical Support Hotline that is closest to you, at the number shown below.

**8** **Power indicator** —

**Amber** — Indicates power is applied.

**Green** — Indicates that power is applied and a sync signal is present on the input.

**9** **H(orizontal) Shift** — While viewing the displayed image, rotate this control to move the image to the right or left on the screen.

**NOTE** DDSP disables the interface's Horizontal Shift control.

To use the display's centering controls rather than the interface's controls, set the DDSP DIP switch to On (up).

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