Setup Guide — SW6 VGA A Switcher
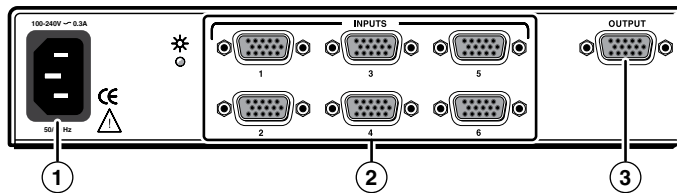
This card provides quick start instructions for an experienced installer to set up and operate the Extron® SW6 VGA A switcher with audio.

Installation

Step 1 — Mounting

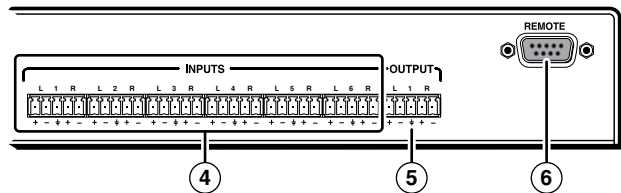Turn off or disconnect all equipment power sources and mount the switcher as required.
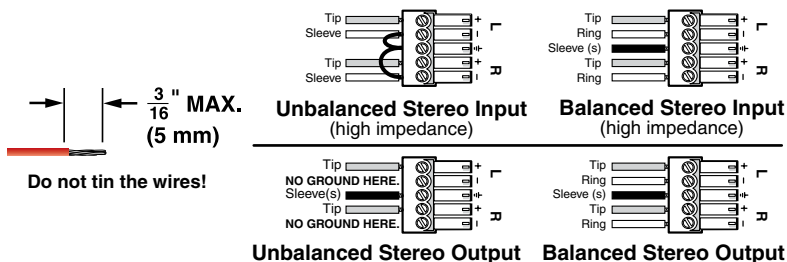

Step 2 — Connections

① AC power connector — Plug a standard IEC power cord between this connector and a 100 VAC to 240 VAC, 50-60 Hz power source.

② Video Input connectors — Connect up to six RGBHV computer video (VGA–QXGA) inputs to these 15-pin HD connectors.

NOTE *The switcher can also accept RGBS, RGsB, RsGsBs, and HDTV component video.*

③ Video Output connectors — Connect an RGBHV (VGA-QXGA) video display to this female 15-pin HD connector.

④ Audio Input connectors — Connect balanced or unbalanced audio inputs to these 3.5 mm, 5-pole captive screw connectors. Wire the connectors as shown below.

$\frac{3}{16}$ " MAX. (5 mm)

Do not tin the wires!

Unbalanced Stereo Input (high impedance)

Tip
Sleeve
Tip
Sleeve

Balanced Stereo Input (high impedance)

Tip
Ring
Sleeve (s)
Tip
Ring

Unbalanced Stereo Output

Tip
NO GROUND HERE.
Sleeve(s)
Tip
NO GROUND HERE.

Balanced Stereo Output

Tip
Ring
Sleeve (s)
Tip
Ring

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

⑤ Audio Output connector — Connect a balanced or unbalanced stereo or mono audio device to this 3.5 mm, 5-pole captive screw connector. Wire the connectors as shown above.

Setup Guide — SW6 VGA A Switcher, cont'd

⑥ Remote connector — Connect an RS-232 **OR** a contact closure device, such as a KP 6 Keypad Remote Control. RS-232 communications protocols:
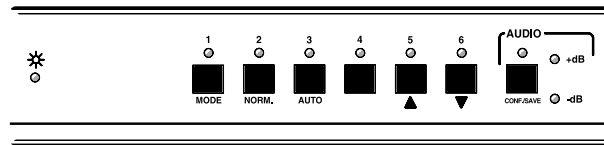
- 9600 baud
- 1 stop bit, no parity
- 8 data bits
- no flow control

For contact closure control, short the pin for the desired input to pin 5 to select that device. To force an input to be always selected, leave the short in place.

NOTE *For contact closure control, auto switch mode must be off. See "Switch mode" below. Contact closure control overrides front panel input selections.*

REMOTE

PIN	RS-232	Contact Closure	Function
1	—	In #1	Input #1
2	TX	—	Transmit data
3	RX	—	Receive data
4	—	In #2	Input #2
5	Gnd	Gnd	Ground
6	—	In #3	Input #3
7	—	In #4	Input #4
8	—	In #5	Input #5
9	—	In #6	Input #6

Operation

Select an input

NOTE *Switcher must be in normal (manual) mode.*

Press and release an input button to select that input. That Input LED lights.

Switch mode

In auto switch mode, the switcher selects the highest-numbered input with sync signals present. Toggle auto switch mode on and off as follows:

1. Press and **hold** the Mode (Input 1) button.
2. Press and release either the Auto (Input 3) or Normal (Input 2) button. The Auto Switch Mode Active LED lights or goes out.
3. Release the Mode button.

Set an input audio level in the range of -15 dB to +9 dB

1. Press and hold the Audio Conf/Save button until the Audio Conf/Save LED begins to blink, then release the button. See the *SW6 VGA A User's Manual* to read the audio level display.
2. Press and release the ▲ and ▼ buttons to increase and decrease the audio level by 1 dB or press and hold the button to increase or decrease the level by 3 dB per second.
3. Press and hold the Audio Conf/Save button until the Audio Conf/Save LED turns off to save the gain value in memory and exit the audio display and adjustment mode.

Resetting all audio levels

To reset the audio level to 0 dB for all inputs, press and hold the Audio Configuration/ Save button. The Audio Configuration/Save LED begins to blink after approximately 1 second. Continue to hold the button for approximately 10 seconds until the LED turns off. All input audio levels are reset to 0 dB.

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