

Setup Guide — SW VGArS / Ars Series switchers

This card provides quick start instructions for an experienced installer to set up and operate an Extron SW VGArS / Ars Series switcher.

Installation

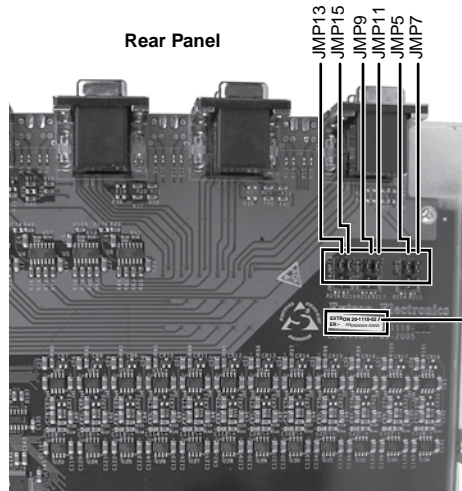
Step 1 — Configuration (required only for use with VSW I AAP)

NOTE Step 1 is required *only* if your installation includes one or more VSW I AAP remote control accessories. If your installation does not include a VSW I AAP, skip to step 2.

NOTE Newer switchers can work with the VSW I AAP's "Show Me" feature. It is more convenient to check your switcher's compatibility and configure it before mounting the switcher and making connections. Check and configure your switcher as follows:

- Remove the eight screws from the switcher (three on each side of the switcher and two on top). Remove the two connector nuts from the switcher's Remote connector and each VGA connector. Lift the top cover off of the switcher.
- See the revision label on the board, which list the board's part number. If the board's part number is *not* 20-1118-0n, your SW VGA/Ars is *not* compatible with the VSW I AAP.

IMPORTANT:
Refer to www.extron.com for the complete user manual and installation instructions before connecting the product to the power source.



VSW I AAP connected to:	Jumper	VSW I AAP connected to:	Jumper
Input 1	JMP5	Input 4	JMP11
Input 2	JMP7	Input 5	JMP13
Input 3	JMP9	Input 6	JMP15

Revision label

Board: **EXTRON 20-1118-02 A**
Version: ER:- nnnnnnnn nnnn

NOTE The ER number and final digit of the part number may change.

- See the table in the figure above. If an input is connected via a VSW I AAP, that input's jumper should be installed to allow the VSW I AAP's "show me" signal to select that input. When an input is *not* connected via a VSW I AAP, remove that input's jumper.
- Reinstall the top cover, using all screws and nuts removed in step 1a.

NOTE The switcher must be in normal switch mode when using the switcher with one or more VSW I AAP remote controls. If the switcher is in auto switch mode, the input cannot be selected using the "show me" function. See "Select switch mode — Normal (default) or Auto", on the reverse of this sheet.

On the VSW I AAP, you must also ensure jumper J6 is installed.

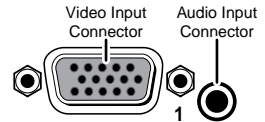
Step 2 — Mounting

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

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Step 3 — Video and audio inputs

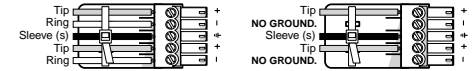
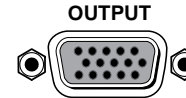
- Connect up to six video input cables, depending on the model.
- (Ars models only) Connect up to six balanced or unbalanced stereo audio or mono audio devices, depending on the model.



NOTE If using one or more VSW I AAPs (with "Show Me" buttons), connect the video and audio input devices through the VSW I AAPs and configure the switcher in accordance with step 1.

Step 4 — Video and audio outputs

- Connect a video display to the switcher's video Output port.
- (Ars models only) Connect an audio device to the switcher's audio Output port. Wire the audio output connector as shown at right.



Balanced Stereo Output **Unbalanced Stereo Output**

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

Step 5 — Remote connector (optional)

Connect an RS-232 OR a contact closure controller, wired as shown in the table at right. The port's RS-232 communications protocols are:



- 9800 baud
- 8 data bits
- 1 stop bit, no parity
- no flow control.

Step 6 — Power

Plug an IEC power cord between the switcher's power connector and a 100 VAC/240 VAC, 50-60 Hz source. Power on the equipment in the following order: output devices, switcher, contact closure/RS-232 controller, and input devices.

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 switch mode — Normal (default) or Auto

- Press and hold the Input 1/Mode button.
- While holding the Input 1/Mode button, press and release either the Input 2/Normal (normal switch mode) or Input 3/Auto (auto switch mode) button.
- Release the Input 1/Mode button.

The Auto Switch Active LED lights when the switcher is in auto switch mode.

NOTE In auto switch mode, the switcher outputs the highest numbered input that has a sync signal present. The selected input's LED lights. If no sync is present, input #1 is selected by default.

Select an input

Press and release an input button to select that input. The lit button indicates the selected input.

NOTE The switcher must be in Normal mode to manually select an input.

Lock front panel (Executive mode)

To toggle the front panel lock on and off, press and hold the Input 2/Normal button and the Input 3/Auto button for approximately 3 seconds. All front panel LEDs flash three times to indicate the mode change.

NOTE All input LEDs blink once if you attempt a front panel operation while the panel is locked.

Extron USA - West Headquarters +800.633.9876 Inside USA / Canada Only +1.714.491.1500 +1.714.491.1517 FAX	Extron USA - East +800.3987.6673 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
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