

SW VGA Series

VGA and Stereo Audio Switchers

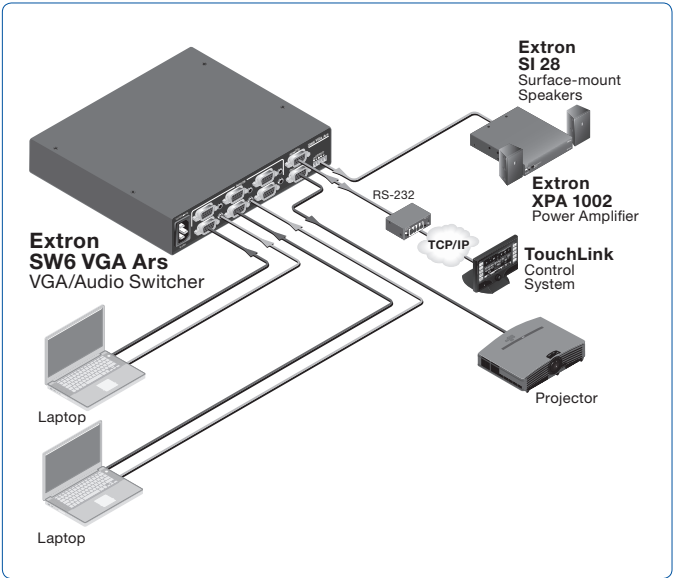


DESCRIPTION

The **SW VGA Series** are VGA switchers with two, four, six, eight, or 12 inputs. They are designed for applications where multiple high resolution computer video or HDTV component video signals must be switched to one or two displays. The eight and 12 input SW VGA switchers offer dual buffered video and audio outputs, which eliminates the additional cost of a VGA and audio distribution amplifier for dual-display applications. The SW VGA Series switchers are ideal for small to mid-sized applications where high resolution switching is needed.

SERIES FEATURES

- 350 MHz (-3 dB) RGB video bandwidth
- Compatible with VGA-QXGA and HDTV component video signals
- ID bits from input 1 are routed to the primary output
- Switches balanced and unbalanced stereo audio
- Active PC audio buffering
- Auto-input switching



SPECIFICATIONS

VIDEO

Bandwidth 350 MHz (-3 dB)

VIDEO INPUT

NOTE: ID bits (on pins 4, 11, 12, 15) are routed from input 1 to the output (for 2, 4, and 6-input models) or to output 1 (for 8- and 12-input models).

Nominal level 1.0 Vp-p for Y of component video
0.7 Vp-p for RGB and for R-Y and B-Y of component video

VIDEO OUTPUT

Nominal level 1.0 Vp-p for Y of component video
0.7 Vp-p for RGB and for R-Y and B-Y of component video

SYNC

Output type RGBHV, RGBS, RGsB, RsGsBs, bi-level and tri-level sync (follows input)

AUDIO

Frequency response 20 Hz to 20 kHz, ±0.05 dB

AUDIO INPUT

Nominal level -10 dBV (316 mV)

AUDIO OUTPUT

Nominal level
SW2/4/6 VGA Ars +4 dBu (1.23 V), balanced
-4 dBV (0.63 V), unbalanced
SW8/12 VGA Ars +4 dBu (1.23 Vrms), balanced
-10 dBV (316 mVrms), unbalanced

CONTROL/REMOTE - SWITCHER

Serial control port
SW2/4/6 VGA Ars RS-232, female 9-pin D connector (shared with contact closure)
SW8/12 VGA Ars RS-232, female 9-pin D connector

GENERAL

Power 100 VAC to 240 VAC, 50-60 Hz, 10 watts, internal

Mounting

Rack mount
SW2/4/6 VGA Ars Yes, with optional 1U rack shelf
SW8/12 VGA Ars Yes, with included bracket kit
Furniture mount Yes, with optional under-desk or through-desk mounting kit

Enclosure type

Metal

Enclosure dimensions

SW2/4/6 VGA Ars 1.75" H x 8.75" W x 9.5" D (1U high, half rack wide)
(4.4 cm H x 22.2 cm W x 24.1 cm D)
(Depth excludes connectors.)
SW8/12 VGA Ars 1.75" H x 17.5" W x 9.5" D (1U high, full rack wide)
(4.4 cm H x 44.4 cm W x 24.1 cm D)
(Depth excludes connectors)

Product weight

SW2/4/6 VGA Ars 2.5 lbs (1.1 kg)
SW8/12 VGA Ars 6.3 lbs (2.9 kg)

For complete specifications, please go to www.extron.com

MODEL	VERSION DESCRIPTION	PART #
SW2 VGA Ars	Two Inputs, One Output, & Audio	60-257-22
SW4 VGA Ars	Four Inputs, One Output, & Audio	60-258-22
SW6 VGA Ars	Six Inputs, One Output, & Audio	60-259-22
SW8 VGA Ars	Eight Inputs, Two Outputs, & Audio	60-902-21
SW12 VGA Ars	12 Inputs, Two Outputs, & Audio	60-946-21