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Find the *Extron SW4 AR HV* at our website: *Click HERE*

Specifications — SW 2/4/6 AR MX Switchers

Video

Gain	Unity
Bandwidth	600 MHz (-3dB), fully loaded
Crosstalk	-70dB @ 10 MHz

Video input

Number/signal type	2, 4, or 6 analog VGA-UXGA RGBS, RGsB, RsGsBs, component video, S-video or NTSC/PAL/SECAM composite video
Connectors	2, 4, or 6 x 4 BNC female
Impedance	75 ohms
Horizontal frequency	15 kHz to 145 kHz
Vertical frequency	30 Hz to 170 Hz
Return loss	-30dB @ 10 MHz
External sync (genlock)	SW 4 and 6 AR MX only ..... 0.3V to 0.4V p-p

Video output

Number/signal type	1 analog VGA-UXGA RGBS, RGsB, RsGsBs, component video, S-video or NTSC/PAL/SECAM composite video
Connectors	4 BNC female
Minimum/maximum levels	Analog ..... -5.0V to +5.0V p-p
Impedance	75 ohms
Return loss	-30dB @ 5 MHz
DC offset	±5mV maximum

Sync

Input type	2, 4, or 6 analog RGBS, RGsB, RsGsBs
Output type	1 analog RGBS, RGsB, RsGsBs
Standards	NTSC, PAL, SECAM
Input level	0.5V to 5V p-p
Output level	Same as input
Input impedance	510 ohms
Output impedance	75 ohms
Max. propagation delay	40 ns
Max. rise/fall time	4 ns
Polarity	Positive or negative

Control/remote — switcher

Serial control port	RS-232, 9-pin D female connector
Baud rate and protocol	9600, 8-bit, 1 stop bit, no parity
Serial control pin configurations	2 = TX, 3 = RX, 5 = GND
Contact closure	25-pin D female connector
Extron remote key pad control	Extron KP 10 keypad ..... connects to the 25-pin D female connector
IR controller module	Extron IR 101 ..... connects to the RS-232 9-pin D female connector
Program control	Extron's control program for Windows® Extron's Simple Instruction Set™ – SIS™

General

Power	100VAC to 240VAC, 50/60 Hz, 10 watts, internal, auto-switchable
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	Yes, with optional 2U front panel #60-141-01 or 2U universal rack shelf #60-032-01
Enclosure type	Metal

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Enclosure dimensions	3.4" H x 8.5" W x 6.25" D (2U high, 1/2 rack width) 8.5 cm H x 21.6 cm Wx 15.9 cm D (Depth excludes connectors.)
Product weight	
SW 2 AR MX	3.7 lbs (1.7 kg)
SW 4 AR MX	3.9 lbs (1.8 kg)
SW 6 AR MX	4.4 lbs (2.0 kg)
Shipping weight	6 lbs (2.7 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Certifications	CE, CSA
Warranty	3 years parts and labor

NOTE *Specifications are subject to change without notice.*

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Specifications — SW 4/6 AR MX HV Switchers

Video

Gain	Unity
Bandwidth	600 MHz (-3dB)
Crosstalk	-70dB @ 10 MHz
Switching speed	5 mS (max.)

Video input

Number/signal type	4 or 6 (depending on the model) analog VGA-UXGA RGBHV, RGBS, RGsB, RsGsBs, component video, S-video or NTSC/PAL/SECAM composite video
Connectors	4 or 6 x 5 BNC female (depending on the model)
Minimum/maximum levels	Analog ..... -5.0V to +5.0V p-p with no offset
Impedance	75 ohms
Horizontal frequency	15 kHz to 145 kHz
Vertical frequency	30 Hz to 170 Hz
Return loss	-30dB @ 10 MHz

Video output

Number/signal type	1 analog VGA-UXGA RGBHV, RGBS, RGsB, RsGsBs, component video, S-video or NTSC/PAL/SECAM composite video (same as input)
Connectors	5 BNC female
Minimum/maximum levels	Analog ..... -5.0V to +5.0V p-p
Impedance	75 ohms
Return loss	-30dB @ 5 MHz
DC offset	±5mV maximum with input at 0 offset

Sync

Input type	4 or 6 analog RGBHV, RGBS, RGsB, RsGsBs
Output type	1 analog RGBHV, RGBS, RGsB, RsGsBs (same as input)
Standards	NTSC, PAL, SECAM
Input level	0.5V to 5V p-p
Output level	Same as input
Input impedance	510 ohms
Output impedance	75 ohms
Max. propagation delay	40 nS
Max. rise/fall time	4 nS
Polarity	Positive or negative

Control/remote — switcher

Serial control port	RS-232, 9-pin D female connector
Baud rate and protocol	9600, 8-bit, 1 stop bit, no parity
Serial control pin configurations	2 = TX, 3 = RX, 5 = GND
Contact closure	25-pin female D connector
Extron remote key pad control	Extron KP 10 keypad ..... connects to the 25-pin D female connector
IR controller module	Extron IR 101 ..... connects to the RS-232 9-pin D female connector
Loop signal	Momentary low, 1 mS min., 5 mS max.
Program control	Extron's control program for Windows® Extron's Simple Instruction Set™ – SIS™

General

Power	100VAC to 240VAC, 50/60 Hz, 10 watts, internal, auto-switchable
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	Yes, with optional 3U front panel #60-141-02 or 2U universal rack shelf #60-032-01

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Enclosure type	Metal
Enclosure dimensions	4.3" H x 8.5" W x 6.25" D (3U high, 1/2 rack width) 10.9 cm x 21.6 cm x 15.9 cm (Depth excludes connectors.)
Product weight	
SW 4 AR MX HV	4.6 lbs (2.1 kg)
SW 6 AR MX HV	5.0 lbs (2.3 kg)
Shipping weight	
SW 4 AR MX HV	7 lbs (3.2 kg)
SW 6 AR MX HV	8 lbs (3.6 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE, CSA
Warranty	3 years parts and labor

NOTE *Specifications are subject to change without notice.*

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