



AUDIO / VIDEO SWITCHERS

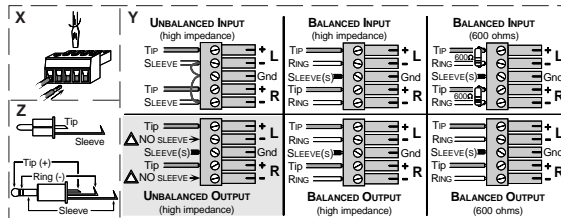
Extron's Audio/Video Switchers (A/V SW) are compatible with NTSC/PAL/SECAM video, S-Video and stereo audio. A/V SW features, models and part numbers are shown in the table to the right. AUTO (Auto switch) models automatically select the highest input when in Auto mode.

All A/V SW models are housed in gray, 1U (1.75 inch height) metal enclosures and can be rack-mounted. The internal auto-switchable 100-240 volt power supply is standard for world-wide compatibility.

		Six inputs, two outputs, Composite Video Switcher	
		Six inputs, two outputs, S-Video Switcher	
		Six inputs, two outputs, Stereo Audio Switcher	
		Auto-Switching mode	
SW 6 AV MX	P/N 60-208-01	•	•
SW 6 AV MX AUTO	P/N 60-208-22	•	•
SW 6 CV MX	P/N 60-205-01	•	•
SW 6 CV MX AUTO	P/N 60-205-22	•	•
SW 6 SA MX	P/N 60-206-01	•	•
SW 6 SV MX	P/N 60-207-01	•	•
SW 6 SV MX AUTO	P/N 60-207-22	•	•

Installing Captive Screw Audio Connectors

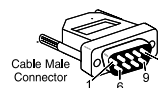
Captive screw connectors must be wired to the audio cables using the captive screws as shown in X below. Three methods of wiring the audio connectors for input and output are shown in Y below. The top connectors are input examples with output examples below. Use Z below when making connections for the switcher from existing audio cables. The round audio connectors are shown with the top one (tip and sleeve only) for unbalanced audio and the bottom one (tip, ring and sleeve) for balanced audio. The "ring", "tip" and "sleeve" markings are also used on the captive screw audio connector diagrams in Y. Together, these examples may be used as a guide for making audio cables.



△ NO SLEEVE means NO CONNECTION. Wiring errors or plugging the audio connectors incorrectly may damage the audio output circuits.

RS-232/Contact Closure Connector Pin Assignments

The AV Switcher rear panel 9 pin D-sub connector labeled REMOTE can be used for RS-232 and/or Contact Closure control. Pin assignments follow:



Cable Male Connector

RS-232 PIN ASSIGNMENTS		CONTACT CLOSURE PIN ASSIGNMENTS	
2	TRANSMIT DATA (TX)	1	INPUT #1
3	RECEIVE DATA (RX)	4	INPUT #2
5	GROUND (GND)	5	GROUND
		6	INPUT #3
		7	INPUT #4
		8	INPUT #5
		9	INPUT #6

PROTOCOL FIXED AT:
 9600 BAUD, 8 DATA BITS
 1 STOP BIT, NO PARITY

NOTE: PIN 5 IS THE ONLY PIN SHARED BETWEEN RS-232 AND CONTACT CLOSURE.



EXTRON ELECTRONICS / RGB SYSTEMS
 1230 South Lewis Street
 Anaheim, CA 92805
 (714) 491-1500 FAX (714) 491-1517
 U.S.A.

EXTRON ELECTRONICS, EUROPE
 Beeldschermweg 6C
 3821 AH Amersfoort
 +31-33-453-4040 FAX +31-33-453-4050
 The Netherlands

EXTRON ELECTRONICS, ASIA
 41B Kreta Ayer Road
 Singapore 089003
 +65-226-0015 FAX +65-226-0019
 Singapore



89-04
 33-263-01
 Rev. B
 6.2 x 5.8

Specifications

Video:
 Input level 0.5 – 2 Volts p-p
 Output Level 1V (p-p)
 Number of outputs 2, Individually buffered
 Input & output impedance 75 Ohms
 Gain Unity
 Bandwidth 30 MHz (-3 db)
 Switching type Vertical Interval

Audio:
 Input Type Balanced or Unbalanced
 Nominal Input Level +8 dB
 Maximum Input Level +15 dBu
 Input Impedance 25 K Ohm, DC coupled
 Frequency Response 20 Hz to 20 kHz
 Stereo Channel Separation 80 dB, 20 Hz to 20 kHz
 Gain Unbalanced: -15dB to +9dB
 Balanced: -9dB to +15dB

All A/V SW Models:

Power Supply 100-240 Volts internal switchable 50/60 Hz
 Dimensions 1.75"H x 8.72"W x 9.5"D
 4.45cm H x 22.15cm W x 24.13cm D
 MTBF 30,000 Hours
 Warranty Two Years, parts & labor

CONNECTION DIAGRAM

