

SW2 DP

TWO INPUT DISPLAYPORT SWITCHER

- ▶ EDID Minder® automatically manages EDID communication between connected devices
- ▶ HDCP compliant
- ▶ Supports DisplayPort data rates up to 10.8 Gbps
- ▶ Supports PC resolutions up to 2560x1600 @ 60 Hz and HDTV 1080p/60
- ▶ Automatic input cable equalization
- ▶ Multiple control points
- ▶ Energy-efficient external universal power supply included



The Extron SW2 DP is a two input, one output Displayport switcher. It supports data rates up to 10.8 Gbps and computer resolutions up to 2560x1600 @ 60 Hz. The SW2 DP features EDID Minder®, which maintains continuous EDID communication between connected devices. It is ideal for applications that require the routing of two DisplayPort sources to a single display.



Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **SW2 DP** is a two input, one output DisplayPort switcher. The SW2 DP is HDCP compliant and supports data rates up to 10.8 Gbps and computer resolutions up to 2560x1600 @ 60 Hz. It features EDID Minder®, which maintains continuous EDID communication with connected devices and ensures that the DisplayPort sources power up properly and maintain correct video output. The SW2 DP provides automatic input cable equalization up to 25 feet (7.6 meters) at 2560x1600 @ 60 Hz on Extron DisplayPort Series cable. Multiple control points, including front panel, RS-232, and auto-input switching, simplify integration into a variety of system designs. The SW2 DP switcher is ideal for applications that require the routing of two DisplayPort sources to a single display.

The SW2 DP offers integrator-friendly features, including automatic input cable equalization and indicators for monitoring and troubleshooting. Automatic input cable equalization restores and reshapes incoming signals, reducing the need for additional signal conditioning equipment by compensating for weak source signals or signal loss from a long input cable. LED indicators provide immediate visual confirmation of EDID status, HDCP authentication, and signal presence for each port.

FEATURES

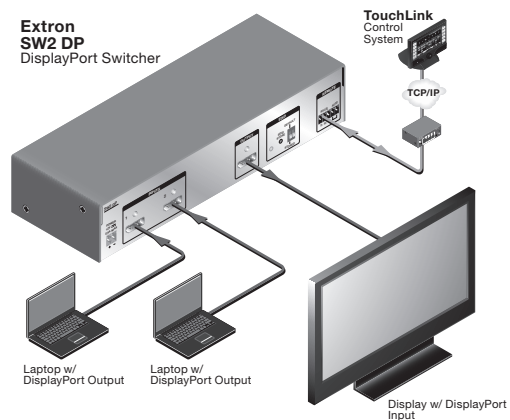
- ▶ EDID Minder® automatically manages EDID communication between connected devices
- ▶ Supports DisplayPort data rates up to 10.8 Gbps
- ▶ Supports PC resolutions up to 2560x1600 @ 60 Hz and HDTV 1080p/60
- ▶ HDCP compliant
- ▶ Automatic input cable equalization to 25 feet (7.6 meters) at 2560x1600 @ 60 Hz with Extron DisplayPort cables
- ▶ EDID status, HDCP authentication, and signal presence LED indicators
- ▶ Front panel security lockout
- ▶ Multiple control points including front panel, RS-232, and auto-input switching
- ▶ Rack-mountable, 1U half rack width metal enclosure
- ▶ Energy-efficient external universal power supply included, replacement part # 70-775-01

SPECIFICATIONS

VIDEO		
Maximum bit rate	Up to 10.8 Gbps (2.7 Gbps per lane)	
Resolution range	Up to 2560x1600 @ 60 Hz	
VIDEO INPUT		
Input cable length	Up to 25' (7.6 m)	
CONTROL/REMOTE – SWITCHER		
Baud rate and protocol	9600 baud, 8 data bits, 1 stop bit, no parity	
Contact closure	(1) 3.5 mm captive screw connector, 5 pole (shared with RS-232) for auto-input switching	
GENERAL		
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts	
Power consumption	Device 5.0 watts, 12 VDC	
Mounting	Rack mount Yes, with optional rack shelf or back of the rack mounting kit	
Enclosure type	Metal	
Enclosure dimensions	1.75" H x 8.75" W x 3.0" D (1U high, half rack wide) (4.4 cm H x 22.2 cm W x 7.6 cm D) (Depth excludes connectors.)	
Product weight	0.5 lbs (0.2 kg)	
Shipping weight	2 lbs (1 kg)	
Vibration	ISTA 1A in carton (International Safe Transit Association)	
Regulatory compliance	Safety CE, c-UL, UL EMV/EMC CE, C-tick, FCC Class A, ICES, VCCI MTBF 30,000 hours Warranty 3 years parts and labor	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part number
SW2 DP	Two Input DisplayPort	60-1210-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

APPLICATION DIAGRAM



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