

D/2 DA4 DVI

Four Output DVI Distribution Amplifier



FEATURES

- Input: DVI-D male on attached cable
- Output: Four DVI-D female connectors
- Supports single link DVI-D signals up to 1920x1200, including HDTV 1080p/60
- DDC signals are routed to output 1
- Internal international power supply

DESCRIPTION

The Extron **D/2 DA4 DVI** is a one input, four output distribution amplifier for DVI digital video signals. It accepts DVI - Digital Visual Interface signals from a computer and distributes up to four identical, independently buffered outputs. The DVI digital output signal can be run up to 15 feet (4.6 meters) using standard DVI patch cables. For applications requiring longer cable runs, Extron has developed the IN9700 Series long distance DVI cables which allow DVI signals to be transmitted up to 75 feet (22.9 meters). For applications requiring even greater lengths, the Extron DVI 201 transmitter and receiver are capable of sending DVI signals up to 200 feet (60 meters) using CAT 5 cable, and the FOX 500 DVI fiber optic transmitter and receiver set can achieve transmissions at extreme distances up to 30 km (18.75 miles). The D/2 DA4 DVI accepts TMDS Transition Minimized Differential Signaling DVI signals at a bit rate of up to 1.6 gigabits/sec/color. It is equipped with DVI-D connectors for a single link of DVI-D.

SPECIFICATIONS

VIDEO

Maximum bit rate	4.9 gigabits per second (1.6 gigabits/second/color)
Maximum bandwidth	165 MHz

VIDEO INPUT

Number/signal type	1 single-link DVI-D
Connectors	1 attached cable with male DVI-D connector
Minimum input voltage	0.15 Vp-p
Resolution range	Up to 1920x1200 or 1080p @ 60 Hz

VIDEO SIGNAL CHARACTERISTICS

Rise / fall time	220 ps, maximum 350 ps
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VIDEO OUTPUT

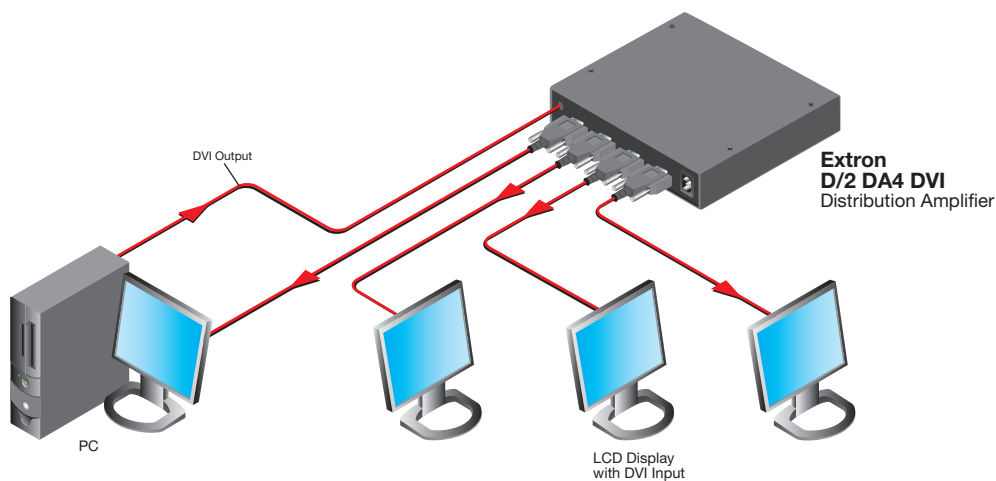
Number	4 DVI
Connectors	4 DVI female
Minimum output voltage	0.6 Vp-p

DDC AND HDCP COMMUNICATION

DDC and HDCP signals	Connected to output 1
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GENERAL

Power	100 VAC to 240 VAC, 50/60 Hz, 13 watts, internal, universal
Temperature / humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Rack mount	Yes, with optional 1U rack shelf, part #60-190-01 or 60-604-01
Enclosure type	Metal
Enclosure dimensions	1.75" H x 8.75" W x 9.4" D (1U high, half rack wide) 4.4 cm H x 22.2 cm W x 23.9 cm D (Depth excludes connectors.)
Product / shipping weight	2.8 lbs (1.3 kg) / 5 lbs (3 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Listings / compliances	UL, CUL / CE
MTBF	30,000 hours
Warranty	3 years parts and labor



MODEL

D/2 DA4 DVI	Four Output DVI Distribution Amplifier	60-315-02
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OPTIONAL ACCESSORIES

OPTIONAL ACCESSORIES	MODEL DESCRIPTION	PAGE	PART #
DVI 201 Tx/Rx	DVI Extender	page 550	60-734-03
IN9700 Series	Single Link DVI-D Male to Male Long Distance Extension Cables	page 783	26-584-0X
RSU 129	1U 9.5" Deep Universal Rack Shelf Kit	page 819	60-190-01
MBU 129	1U, 1/2 Rack Width Under-Desk Mount Kit for Four-Piece Enclosure	page 816	70-219-01