

DVI DA Plus Series

FOUR, SIX, AND EIGHT OUTPUT
DVI DISTRIBUTION AMPLIFIERS

- Supports single link DVI-D signals up to 1920x1200, including HDTV 1080p/60
- Supports HDMI signals using Extron DVI-HDMI adapters
- EDID Minder
- LED indicator for source signal presence and power
- Automatic input equalization
- Rack-mountable 1U high metal enclosure
- External universal power supply included



DVI DA 4



DVI DA 8

The DVI DA Plus Series are DVI distribution amplifiers with four, six, or eight outputs. Each product accepts a single link DVI signal from a source and distributes the signal to multiple attached devices. All DVI DA Plus models feature EDID Minder, and source signal presence indication. They are ideal for use in all applications that require reliable distribution of high resolution DVI digital video signals.



Extron® Electronics

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DESCRIPTION

The **DVI DA Plus Series** are DVI distribution amplifiers with four, six, or eight outputs. Each model accepts one, single link DVI source and distributes equalized digital video signals to multiple devices. They are compatible with computer resolutions up to 1920x1200 @ 60Hz, including HDTV 1080p/60. These new DAs are ideal for environments where a fully-digital signal path from source to destination is preferred.

The DVI DA Plus Series features EDID Minder, which maintains continuous EDID - Extended Display Identification Data, communication with the attached source, and ensures that the DVI source powers up properly and maintains proper video output even if the digital display device is off.

The DVI DA Plus Series also features automatic input equalization, which restores and reshapes incoming DVI signals, minimizing jitter effects that can be a common problem where multiple active devices are in the signal path.

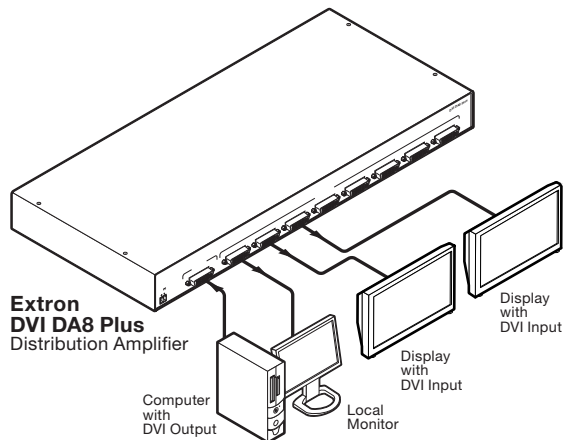
Front panel LED signal presence indicators provide a quick means of active signal source verification.

All DVI DA Plus Series models are housed in 1U high, rack-mountable enclosures. The DVI DA4 Plus utilizes a one-half rack width enclosure, while the DVI DA6 Plus and DVI DA8 Plus utilize a full rack width enclosure. All models include an external, universal power supply for worldwide power compatibility.

FEATURES

- Supports single link DVI-D signals up to 1920x1200, including HDTV 1080p/60
- Supports HDMI signals using Extron DVI-HDMI adapters – Note: HDCP is not supported
- EDID Minder – Enables automatic and continuous EDID management between input source and the displays.
- LED indicator for source signal presence and power
- Automatic Input Equalization – Automatically equalizes incoming DVI signals to ensure optimum image quality.
- Rack-mountable 1U high metal enclosure
- External universal power supply included – Provides worldwide power compatibility.

APPLICATION DIAGRAM



SPECIFICATIONS

VIDEO		
Maximum data rate	4.95 Gbps (1.65 Gbps per color)	
Maximum pixel clock.....	165 MHz	
Resolution range	Up to 1920x1200 or 1080p @ 60 Hz	
Formats.....	RGB and YCbCr digital video	
Standards.....	DVI 1.0, HDMI 1.2	
VIDEO INPUT		
Number/signal type	1 single link DVI-D (or HDMI*)	
Connectors	1 female DVI-I	
NOTE: *Appropriate DVI-D to HDMI cables or adapters are required for HDMI signal input/output.		
VIDEO OUTPUT		
Number/signal type	4, 6, or 8 (depending on model) single link DVI-D (or HDMI*)	
Connectors	4, 6, or 8 female DVI-I	
GENERAL		
External power supply.....	100 VAC to 240 VAC, 50/60 Hz, external; to 12 VDC, 2 A, regulated	
Power input requirements.....	12 VDC, 0.4 A	
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	
Cooling.....	Convection, no vents	
Rack mount	Yes, with included brackets	
Enclosure type	Metal	
Enclosure dimensions		
DVI DA4 Plus	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.)	
DVI DA6 Plus, DVI DA8 Plus	1.75" H x 17.5" W x 8.5" D (1U high, full rack wide) (4.4 cm H x 44.4 cm W x 21.6 cm D) (Depth excludes connectors.)	
Product weight	2.8 lbs (1.3 kg)	
Shipping weight	5 lbs (3 kg)	
Vibration	ISTA 1A in carton (International Safe Transit Association)	
Listings	UL, CUL	
Compliances	CE, FCC Class A, VCCI, AS/NZS, ICES	
MTBF	30,000 hours	
Warranty	3 years parts and labor	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part Number
DVI DA4 Plus	Four Output DVI Distribution Amplifier.....	60-931-01
DVI DA6 Plus	Six Output DVI Distribution Amplifier	60-932-01
DVI DA8 Plus	Eight Output DVI Distribution Amplifier.....	60-933-01
Optional Accessories		
DVID SL Series		
Single Link DVI-D Male to Male Patch Cables		
DVID SL-3	3' (90cm)	26-649-03
DVID SL-6	6' (1.8 m).....	26-649-06
DVID SL-3	12' (3.6 m).....	26-649-12
HDMI to DVI-D Adapters		
HDMI Female to DVI-D Male Adapter.....		26-616-01

Specifications are subject to change without notice.



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