

DVI DA Plus

DVI DISTRIBUTION AMPLIFIERS
WITH EDID MINDER®

- ▶ Available with four, six, or eight outputs
- ▶ Supports single link DVI-D signals up to 1920x1200, including HDTV 1080p/60
- ▶ EDID Minder®
- ▶ Automatic input cable equalization to 100 feet (30 meters) at 1920x1200/8-bit color when used with Extron DVI Pro cables
- ▶ Provides +5VDC, 250mA power on each output for external peripheral devices
- ▶ Rack-mountable 1U metal enclosure



DVI DA4 Plus



DVI DA8 Plus

The Extron DVI DA Plus 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 automatic input cable equalization. They are ideal for use in all applications that require reliable distribution of high resolution DVI digital video signals.



Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **DVI DA Plus** 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, including HDTV 1080p/60. These DAs are ideal for environments where a fully-digital signal path from source to destination is preferred.

All DVI DA Plus models feature 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.

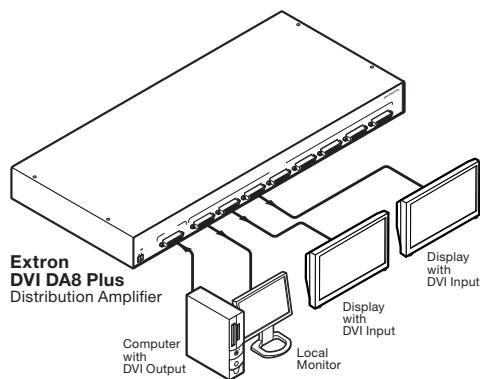
DVI DA Plus models also feature automatic input cable equalization, which restores and reshapes incoming DVI signals, minimizing jitter effects that can be a common problem where multiple active devices are in the signal path. Front panel LED signal presence indicators provide a quick means of active signal source verification.

All DVI DA Plus 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

- ▶ Available with four, six, or eight outputs
- ▶ Supports single link DVI-D signals up to 1920x1200, including HDTV 1080p/60
- ▶ EDID Minder®
- ▶ Automatic input cable equalization to 100 feet (30 meters) at 1920x1200/8-bit color when used with Extron DVI Pro cables
- ▶ Provides +5VDC, 250mA power on each output for external peripheral devices
- ▶ Rack-mountable 1U metal enclosure
- ▶ External universal power supply included

APPLICATION DIAGRAM



SPECIFICATIONS

NOTE: *Appropriate DVI-D to HDMI cables or adapters are required for HDMI signal input/output.		
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	
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, regulated	
DVI DA4 Plus	1 A	
DVI DA6 Plus, DVI DA8 Plus	3 A	
Power input requirements	12 VDC	
DVI DA4 Plus	1.0 A (max.)	
DVI DA6 Plus, DVI DA8 Plus	1.5 A (max.)	
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	
Mounting		
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)	
Regulatory compliance		
Safety	CE, c-UL, UL	
EMI/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
DVI DA4 Plus	Four Output DVI Distribution Amplifier.....	60-931-21
DVI DA6 Plus	Six Output DVI Distribution Amplifier.....	60-932-01
DVI DA8 Plus	Eight Output DVI Distribution Amplifier.....	60-933-21

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



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