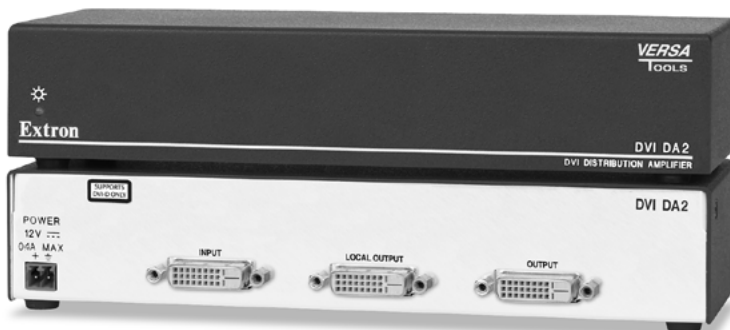


# DVI DA2

## TWO OUTPUT DVI DISTRIBUTION AMPLIFIER

- Single link DVI-D signal distribution
- Supports single link DVI-D signals up to 1920x1200, including HDTV 1080p
- Automatic input Equalization
- DDC routing to local output
- Drives both output signals up to 50 feet (15 meters)
- Rack-mountable 1U, half rack width metal enclosure
- External international power supply included



The DVI DA2 is a one input, two output DVI distribution amplifier that allows one single-link DVI signal to be distributed to two displays or other destinations at the same time. The DVI DA2 provides automatic input equalization to ensure optimal image quality on both outputs. It is housed in a 1U, half rack width metal enclosure, and is ideal for use in presentation environments such as classrooms, conference rooms, lecture halls, or wherever reliable DVI signal distribution is needed.



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## DESCRIPTION

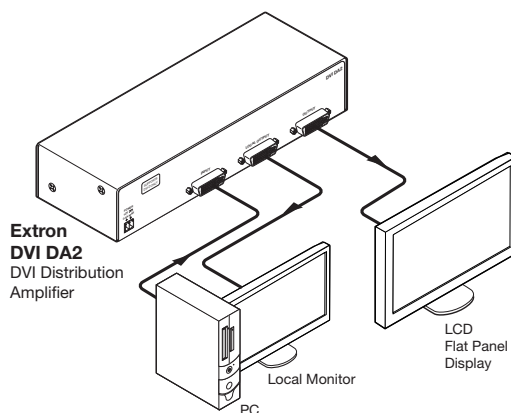
The **DVI DA2** is a one input, two output DVI distribution amplifier which allows one, single-link DVI signal to be distributed to two digital displays at the same time. The DVI DA2 supports DVI-D signals up to 1920x1200, including HDTV 1080p. Additionally, the DVI DA2 provides DDC routing to the local output, allowing EDID handshaking, which ensures proper video output and reliable display of material. The DVI DA2 is housed in a 1U, half rack width metal enclosure, and is ideal for use in presentation environments such as classrooms, small auditoriums, lecture halls, or wherever reliable digital signal distribution is needed.

The DVI DA2 also features input equalization, providing for longer cable runs of up to 50 feet (15 meters) from both outputs. This allows display devices to be located beyond the specified 15 foot (5 meter) distance for DVI signals.

## FEATURES

- Single link DVI-D signal distribution
- Supports single link DVI-D signals up to 1920x1200, including HDTV 1080p
- Automatic input equalization
- DDC routing to local output
- Drives both output signals up to 50 feet (15 meters)
- Flexible mounting options
- Rack-mountable 1U, half rack width metal enclosure
- External international power supply included

## APPLICATION DIAGRAM



## SPECIFICATIONS

### VIDEO

Maximum data rate .....	1.65 Gbps
Bit rate .....	5 gigabits/second total (1.65 gigabits/second/color)

### VIDEO INPUT

Number/signal type .....	1 single link DVI-D
Connectors .....	1 female DVI-D
Nominal level .....	1.2 Vp-p
Resolution range .....	Up to 1920x1200 @ 60 Hz or 1080p

### VIDEO OUTPUT

Number/signal type .....	2 single link DVI-D: 1 main, 1 local
<b>NOTE:</b> Local output is used for DDC communications and hot plug detection.	
Connectors .....	2 female DVI-D
Resolution range .....	Up to 1920x1200 @ 60 Hz or 1080p
Signal transmission distance .....	50' (30 m) at 1920x1200 @ 60 Hz (the highest resolution of the single link DVI standard) or 1080p using 26 AWG STP (shielded twisted pair cable)

**NOTE:** The transmission distance varies greatly depending on the signal resolution and on the type of cable, graphic card, and display used in the system.

### GENERAL

External power supply .....	100 VAC to 240 VAC, 50/60 Hz, external; to 12 VDC, 1 A, regulated
Power input requirements .....	12 VDC, 4 A
Cooling .....	Convection, unvented
Rack mount .....	Yes, with optional 1U, 9.5" deep rack shelf, part #60-190-01(RSU 129) or 60-604-01(RSB 129); or 1U, 6" deep rack shelf, part #60-190-10 (RSU 126) or 60-604-10 (RSB 126); or 1 U, 3" deep VersaTools® rack shelf, part #60-190-20 (RSU 123) or 60-604-20 (RSB 123). Also furniture mountable with optional Under Desk Mounting Kit, #70-077-01 (MBU 125); or Through Desk Mounting Kit, #70-077-02 (MBD 129).
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 .....	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
<b>NOTE:</b> All nominal levels are at ±10%.	

Model	Version Description	Part Number
DVI DA2	Two Output DVI Distribution Amplifier .....	60-886-01

Specifications are subject to change without notice.



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