

Gefen EXT-DVI-148 1x8 DVI Distribution Amplifier

1x8 Gefen DVI Splitter (Distribution Amplifier) Model: EXT-DVI-148

One DVI Input, Eight DVI Outputs

The 1x8 DVI Distribution Amplifier is the perfect solution for anyone who needs to send one source of digital high definition video to multiple displays at the same time. It supports all DVI equipment, such as computers, HD-DVD players and satellite set top boxes and all DVI displays. DVI (digital visual interface) is a common connector used throughout the industry to connect digital video displays to video sources. In operation, the digital video source is connected to the distribution amplifier on one side. On the other side, eight video outputs are available to be used in part or in full. Once the unit is connected and powered, your video source is routed to up to eight digital displays at the same time. For home theater applications, the unit is HDCP (high bandwidth digital content protection) compliant, making it effective for use with all HDTV displays. HDCP is a standard "key" encoded into the DVI signal to prevent video data from being pirated. HDCP was strongly endorsed by the entertainment industry. If a source device is HDCP coded and is connected to a HDTV display or projector via DVI without the proper HDCP decoding mechanism, the picture is relegated to "snow" or in some cases, a very low (480P) resolution. In order to see protected content, the source, the display and any device in between must be equipped with DVI connections that can enable HDCP using "software key" decoding.

How it works Simply connect your DVI video source to the 1x8 DVI Distribution Amplifier's input using the supplied DVI cable. Then connect up to eight DVI displays to the unit's eight DVI outputs. Once connected and powered, your video source will be seen on all eight displays at the same time.

Note: DVI output 1 is the primary connection and is used for the main display. DVI output 2 through 8 follow the main display. The DVI displays attached to the 1x8 DVI Distribution Amplifier MUST have the same native resolution in order to get a picture.

Package Includes:

- 1x8 DVI DA
- One 6 foot DVI cable
- 24V External Power Supply
- Rack Ears

Features:

- Connects computers with DVI graphics to multiple DVI compatible monitors or projectors
- Connects a HDTV source to multiple DVI compatible displays
- Allows simultaneous display
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Supports DDWG standard for DVI monitors
- HDCP compliant

Specifications:

- Video Amplifier Bandwidth: 1.65 Gbps
- Input Video Signal: 1.2 volts p-p
- Input DDC Signal: 5 volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connector: DVI-I 29 pin female (digital only)
- Power Supply: 24V DC
- Power Consumption: 60 watts (max)
- Dimensions: 17W x 1.75H x 7.25D
- Rackmountable: 1U rack space
- Shipping Weight: 8 lbs.