

HDMI 101 Plus

HDMI Cable Equalizer

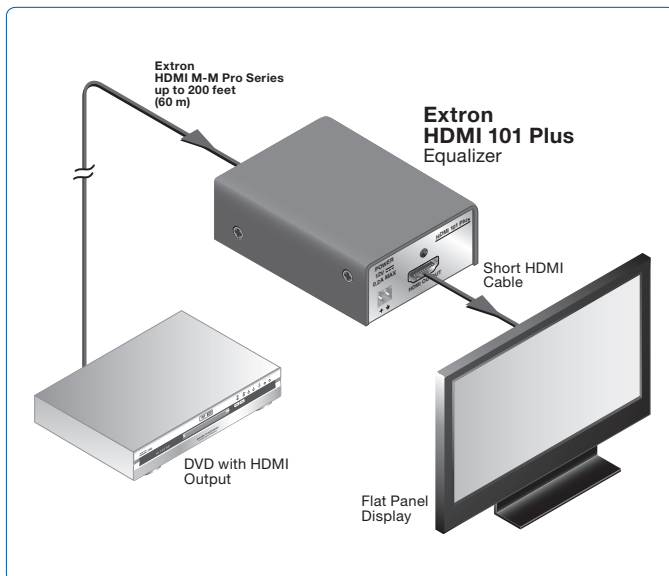


DESCRIPTION

The Extron **HDMI 101 Plus** is an HDMI equalizer that offers a convenient, economical solution for extending HDMI signals beyond the suggested 15 m (45 ft) distance limit for HDMI cables. The HDMI 101 Plus attaches to the end of a long HDMI cable run of up to 200 ft at 1080p/60 with 8-bit color and 150 ft at 1080p/60 with 12-bit color when used with Extron HDMI Pro Series cables. It automatically provides the necessary active equalization to ensure optimal image quality with HDTV signals up to 1080p/60 and high resolution computer-video signals up to 1920x1200. It is HDCP compliant, ensuring display of content-protected media and interoperability with other HDCP-compliant devices. The HDMI 101 Plus is ideal for permanent installations as well as temporary applications with long HDMI cable runs.

FEATURES

- Extends HDMI signals over HDMI cable up to 200 feet (60 meters)
- Supports HDTV 1080p/60 12-bit color and PC resolutions up to 1920x1200
- HDMI 1.3 compatible
- HDCP compliant
- Automatic input cable equalization
- Powered by source device at distances up to 125 feet (38 meters)
- LED indicator for source signal presence and power
- Includes LockIt™ HDMI cable lacing brackets



SPECIFICATIONS

NOTE: *Appropriate HDMI to DVI-D cables or adapters are required for DVI signal input/output.

VIDEO	
Maximum data rate	6.75 Gbps (2.25 Gbps per color)
Maximum pixel clock	225 MHz
Resolution range	Up to 1920x1200 or 1080p @ 60 Hz
Formats	RGB and YCbCr digital video
Standards	DVI 1.0, HDMI 1.3
Impedance	100 ohms
Input video signal	1.2 Vp-p (TMDS)
ID bits	5 Vp-p (TTL)
VIDEO INPUT	
Number/signal type	1 single link HDMI (or DVI-D*)
Connectors	1 female HDMI type A
Equalization	Automatic for up to -40 dB of cable loss
Input cable length	Up to 150' (46 m) at 1080p / 12 bit @ 60 Hz Up to 175' (53 m) at 1080p / 10 bit @ 60 Hz Up to 200' (61 m) at 1920x1200, 1600x1200, or 1080p / 8 bit @ 60 Hz Up to 250' (76 m) at 720p, 1080i, 1024x768, or 1280x1024 @ 60 Hz Longer distances are possible with lower rates and/or high quality cable.
VIDEO OUTPUT	
Number/signal type	1 single link HDMI (or DVI-D*)
Connectors	1 female HDMI type A
Output cable length	Up to 15' (5 m)
GENERAL	
Power	Supplied by an external power supply or by the 5 V signal from an HDMI source (pin 18) or a DVI source (pin 14)
External power supply	100 VAC to 240 VAC, 50-60 Hz, external; to 12 VDC, 1 A, regulated
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
Mounting	Rack mountable with optional rack shelf kit
Enclosure type	Metal
Enclosure dimensions	1.0" H x 2.2" W x 3.0" D (1/8 rack wide) (2.5 cm H x 5.6 cm W x 7.6 cm D) (Depth excludes connectors.)
Product weight	0.4 lbs (0.2 kg)

For complete specifications, please go to www.extron.com

MODEL	VERSION DESCRIPTION	PART #
HDMI 101 Plus	HDMI Cable Equalizer	60-872-02