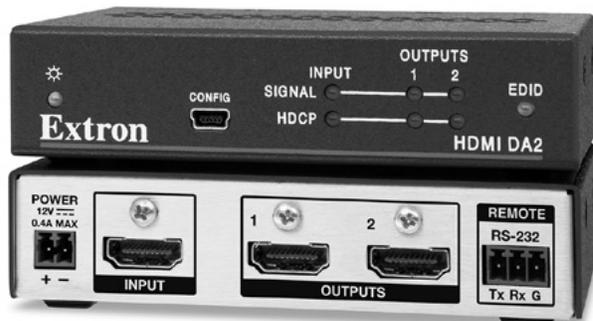


# HDMI DA2

## TWO OUTPUT HDMI DISTRIBUTION AMPLIFIER

- ▶ Distributes HDMI video and embedded multi-channel digital audio signals
- ▶ EDID Minder® automatically manages EDID communication between connected devices
- ▶ Key Minder® continuously verifies HDCP compliance
- ▶ HDCP compliant
- ▶ Supports HDTV 1080p/60 and PC resolutions up to 1920x1200
- ▶ Supports HDMI specification features including data rates up to 6.75 Gbps, Deep Color up to 12-bit, 3D, Lip Sync, and HD lossless audio formats
- ▶ Automatic input cable equalization
- ▶ Automatic color bit depth management
- ▶ Provides +5 VDC, 250 mA power on each output for external peripheral devices
- ▶ Energy-efficient external universal power supply included



The Extron HDMI DA2 is a one input, two output HDMI distribution amplifier. It features EDID Minder® and Key Minder®, two Extron-exclusive technologies that automatically manage EDID communication and HDCP negotiation for reliable operation in commercial AV applications. The HDMI DA2 is ideal for applications that require the distribution of an HDMI source signal to two displays.



**Extron® Electronics**  
INTERFACING, SWITCHING AND CONTROL

## DESCRIPTION

The Extron **HDMI DA2** is a one input, two output HDMI distribution amplifier. The HDMI DA2 supports HDMI specification features including data rates up to 6.75 Gbps, 12-bit Deep Color, 3D, Lip Sync, and HD lossless audio formats. The HDCP-compliant distribution amplifier supports HDTV 1080p/60 and PC resolutions up to 1920x1200. The HDMI DA2 features two Extron-exclusive technologies: EDID Minder®, which maintains continuous EDID communication between connected devices, and Key Minder®, which continuously authenticates HDCP encryption between all devices, ensuring the simultaneous distribution of source content to both displays. The HDMI DA2 is ideal for applications that require the distribution of a HDMI source signal to two displays.

The HDMI DA2 offers integrator-friendly features including automatic input cable equalization, automatic color bit depth management, and peripheral device power on each output. The HDMI DA2 provides automatic input cable equalization up to 50 feet at 1080p/60 with 8-bit color on Extron HDMI Pro Series cable. It automatically adjusts color bit depth based on the display EDID, preventing color compatibility conflicts between source and display. In addition, the HDMI DA2 provides +5 VDC, 250 mA on each output for powering peripheral devices such as an HDMI 101 Plus cable equalizer.

Housed in a 1" (2.5 cm) high, quarter-rack width metal enclosure, the HDMI DA2 can be mounted in a rack or discreetly installed beneath a desk or behind a display.

## FEATURES

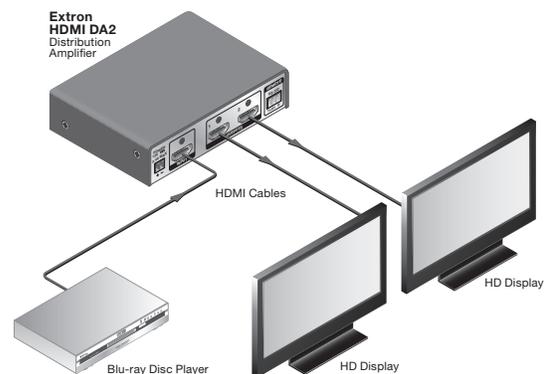
- ▶ **EDID Minder®** automatically manages EDID communication between connected devices
- ▶ **Key Minder®** continuously verifies HDCP compliance
- ▶ **HDCP compliant**
- ▶ Supports HDTV 1080p/60 and PC resolutions up to 1920x1200
- ▶ Supports HDMI specification features including data rates up to 6.75 Gbps, Deep Color up to 12-bit, 3D, Lip Sync, and HD lossless audio formats
- ▶ Automatic input cable equalization to 50 feet at 1080p/60 with 8-bit color when used with Extron HDMI Pro Series cable
- ▶ Automatic color bit depth management
- ▶ Provides +5 VDC, 250 mA power on each output for external peripheral devices
- ▶ 1" (2.5 cm) high, quarter-rack width metal enclosure
- ▶ Includes LockIt® HDMI cable lacing brackets
- ▶ Energy-efficient external universal power supply included, replacement part # 70-775-01

## SPECIFICATIONS

VIDEO		
Maximum data rate	6.75 Gbps (2.25 Gbps per color)	
Resolution range	Up to 1920x1200 or 1080p @ 60 Hz, 12-bit color	
Standards	DVI 1.0, HDMI, HDCP	
VIDEO INPUT		
Input cable length	Up to 50' (15 m) with a 225 MHz signal Up to 100' (30 m) with a 165 MHz signal	
<b>NOTE:</b> The transmission distance varies greatly depending on the signal resolution and on the type of cable, graphics card, and display used in the system.		
CONTROL/REMOTE		
Baud rate and protocol	9600 baud, 8 data bits, 1 stop bit, non-parity	
GENERAL		
Power	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts	
Power consumption		
Device	4.0 watts	
Mounting		
Rack mount	Yes, with optional rack shelf kit	
Enclosure type	Metal	
Enclosure dimensions	1.0" H x 4.3" W x 3.0" D (one quarter rack wide) 2.5 cm H x 10.9 cm W x 7.6 cm D (Depth excludes connectors)	
Product weight	1.6 lbs (0.7 kg)	
Shipping weight	3 lbs (2 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	
Environmental	Complies with the appropriate requirements of RoHS, WEEE.	
MTBF	30,000 hours	
Warranty	3 years parts and labor	
<b>NOTE:</b> All nominal levels are at ±10%.		
Model	Version Description	Part number
HDMI DA2	Two Output HDMI	60-997-01

For complete specifications, please go to [www.extron.com](http://www.extron.com)  
Specifications are subject to change without notice.

## APPLICATION DIAGRAM



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