

EXeARC1

HDMI 2.0b (18Gbps) Extender over Category cable with ARC/eARC



The EXeARC1 is the first HDMI over category cable extender that supports both eARC and ARC through the HDMI port. The EXeARC1 supports all versions of HDR, WCG, and the entire HDMI 2.0b (18Gbps) format. Dolby+ and Atmos™ are supported from the display's eARC output to the HDMI input of the TX (works like an HDMI cable would). Other features include single ended power (either end), Bi-Directional 12V IR, & RS232.

Features:

- HDMI 2.0b (18Gbps)
- HDR 8/10/10+ & Dolby Vision™ Support
- eARC/ARC through HDMI
- Single power supply (either end)
- RS232
- 2-Way 12V IR (kit included)
- 50m (164ft) Transmission distance
- Supports HBR (High Bit Rate Audio)
- Supports all versions of Multi-Channel Audio

Specifications:

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@50/60Hz (YUV4:4:4), 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	TX: 1x HDMI Type A [19-pin female] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x RS232 [Phoenix jack] 1x Service [Mini-USB jack]
	RX: 1x HDBaseT In [RJ45] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x RS232 [Phoenix jack] 1x Service [Mini-USB jack]
Outputs	TX: 1x HDMI Type A [19 pin female] 1x HDBaseT Out [RJ45] 1x IR OUTPUT [3.5mm Stereo Mini-jack]
	RX: 1x HDMI Type A [19-pin female] 1x IR INPUT [3.5mm Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	150mm [5.875"] x 107mm [4.25"] x 19mm [0.75"]
Weight	Combined 849g (1lb, 14oz.)
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	18W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)