



TECHNICAL SPECIFICATIONS

SPECIFICATION

Video Input	
Video Input	(4) HDMI IN (1-4), (1) DP, (1) USB-C
Video Input Connector	(4) Type-A female HDMI, (1) DisplayPort, (1) Type-C USB
Input Resolution	HDMI: Up to 4K@30Hz 4:4:4 DP: Up to 4K@30Hz 4:4:4 USB-C: Up to 4K@30Hz 4:4:4

Video Output	
Video Output	(1) HDMI, (1) HDBaseT
Video Output Connector	(1) Type-A female HDMI, (1) RJ45
Output Resolution	HDMI: Up to 4K@30Hz 4:4:4 HDBaseT: Up to 4K@30Hz 4:4:4
HDMI Standard	Up to 1.4
HDCP Version	Up to 2.2

Audio Input	
Audio Input	(1) LINE, (1) MIC
Audio Input Connector	(2) 3-pin terminal blocks
Frequency Response	20Hz - 20kHz, 33dB
Max Input Level	2.0Vrms 3 0.1
L-R Level Deviation	< 0.3dB, 1kHz sine at 0dBFS level (or max level before clipping)
Input Impedance	> 10Kff
LINE/MIC Audio Format	PCM 2.0
HDMI/DP Audio Format	PCM 2.0 48K



L+R Audio Output	
Audio Output	(1) L+R
Audio Output Connector	(1) 5-pin terminal block
Frequency Response	20Hz ~ 20kHz, 31dB
Max Output Level	2.0 ± 0.1Vrms
THD+N	< 0.05%, 20Hz ~ 20kHz bandwidth, 1kHz sine at 0dBFS level (or max level)
SNR	> 80dB, 20Hz ~ 20kHz bandwidth
Crosstalk Isolation	< -70dB, 10kHz sine at 0dBFS level
L-R Level Deviation	< 0.3dB, 1kHz sine at 0dBFS level (or max level before clipping)
Output Load Capability	1Kff and higher (Supports 10x paralleled 10Kff loads)
Noise Level	-80dB

SPDIF Audio Output	
SPDIF Out	(1) SPDIF
Audio Out Connector	(1) Toslink
Max Output level	±0.3dBFS
Frequency Response	20Hz ~ 20kHz, 31dB
THD+N	< 0.05%, 20Hz ~ 20kHz bandwidth, 1kHz sine at 0dBFS level (or max level)
Signal-to-Noise Ratio	> 90dB, 20Hz ~ 20kHz bandwidth
Crosstalk isolation	< -70dB, 10kHz sine at 0dBFS level (or max level before clipping)
Noise	- 90dB
Audio Format	PCM 2.0

Control	
Control port	(1) CONTACT IN, (1) IR IN, (1) IR OUT, (1) IR EYE, (1) FIRMWARE, (1) RS232, (1) TCP/IP
Control Connector	(1) 5-pin terminal block, (3) 3.5mm jack, (1) Type-A USB,(1) 3-pin terminal block, (1) RJ45

General	
Operation Temperature	-5°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Relative Humidity	10% ~ 90%
External Power Supply	Input: AC 100~240V, 50/60Hz; Output: 24V DC 5A
Power Consumption	90w (Max)
USB-C Power Charging	60w (Max)
Dimension (W*H*D)	250mm x 44mm x 200mm
Net Weight	1.6KG
HDBaseT Receiver	1 x Included



TPBHD70-R Receiver

Input and Output	
Input	(1) L+R
Input Connector	(1) 5-pin terminal block
Output	20Hz ~ 20kHz, 31dB
Output Connector	2.0 ± 0.1Vrms
Control	< 0.05%, 20Hz ~ 20kHz bandwidth, 1kHz sine at 0dBFS level (or max level)
Control Connector	> 80dB, 20Hz ~ 20kHz bandwidth

General	
Maximum Video Resolution	4K@30Hz 4:4:4, including 1080p@60Hz
Transmission Mode	HDBaseT
Transmission Distance	1080p signal to 70m, 4K signal to 40m
Transmission Distance	10.2Gbps
Video Standard	HDMI 1.4 with HDCP 2.2
Power Consumption	7 watts
Operation Temperature	-5°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Operating Humidity	0% ~ 90%
Power Supply	Input Power: 24VDC 1.25A or Power over HDBaseT (PoH); AC Adaptor Input Power: 100-240VAC, 50/60Hz
Dimension (W*H*D)	115mmx16.2mm x109mm
Net Weight (g)	196g

