

MPTP-T70SC-H2

18G HDMI Extender with Audio Breakout



Transmitter (MPTP-T70SC-H2T)



Receiver (MPTP-T70SC-H2R)

Key Features

- HDMI 2.0, up to 4K@60Hz 4:4:4 HDR
- 18Gbps high bandwidth
- 4K up to 40m / 131ft; 1080P up to 70m / 230ft over CATx
- Audio de-embedding + ARC support
- Bidirectional IR & RS232 pass-through
- 24V PoC — one power adapter for the system
- CEC pass-through & firmware upgrade via Micro-USB

Technical Specifications

Parameter	Transmitter	Receiver
Video Input	(1) HDMI	(1) HDBT / RJ45
Video Output	(1) HDBT Out / RJ45	(1) HDMI
Input Resolution	Up to 4Kx2K@60Hz 4:4:4, 8bit HDR10	Up to 4Kx2K@60Hz 4:2:0
Output Resolution	Up to 4Kx2K@60Hz 4:2:0	Up to 4Kx2K@60Hz 4:4:4, 8bit HDR10
Audio	ARC Audio Out — Toslink	ARC Audio In + Audio Breakout — Toslink
Audio Format	PCM, Dolby Digital, Dolby True-HD, DTS, DTS-HD	PCM, Dolby Digital, Dolby True-HD, DTS, DTS-HD
Control	Test Pattern, 1080P→4K, EDID DIP, FW, IR, RS232	ARC Mode, FW, IR, RS232

General

Bandwidth	18Gbps
HDMI Standard	2.0
HDCP	2.2, 1.4 compliant
CEC	Pass-through
Bidirectional PoC	Supported
Transmission	HDBaseT
Transmission Distance	1080P@60Hz ≤ 70m; 4K@60Hz ≤ 40m
Operating Temperature	-5 to +55°C
Storage Temperature	-25 to +70°C
Relative Humidity	10%–90%
Power Supply	100–240V AC input; 24V DC 1.25A output
Power Consumption	12W (Max)
Dimensions (W×H×D)	140 × 19.5 × 84 mm (TX/RX)
Net Weight	TX: 275g; RX: 290g

EDID Presets

000 — Pass Through
001 — 1080P, 2CH
010 — 3840×2160@30Hz, 2CH
011 — 3840×2160@30Hz, Multi-CH
100 — 3840×2160@60Hz, 2CH
101 — 3840×2160@60Hz, Multi-CH
110 — 3840×2160@60Hz HDR, Multi-CH
111 — User-defined EDID via Micro-USB

Package Includes

1× TX, 1× RX, mounting ears & screws, plastic cushions, 3-pin terminal block, RS232 cable, 24V DC 1.25A power adapter, user manual.