

MPHT-4T-H2

1×4 HDBaseT Splitter



FRONT VIEW



REAR VIEW

PRODUCT OVERVIEW

The MPHT-4T-H2 accepts one HDMI input and distributes the signal to one local HDMI output and four HDBaseT outputs. It supports HDMI 2.0, resolutions up to 4K@60Hz 4:4:4 8-bit, video down-scaling, audio de-embedding, bidirectional IR, RS232 cascade control and 24V PoC.

KEY FEATURES

- HDMI 2.0; video up to 4K@60Hz 4:4:4, 8-bit
- 1 HDMI input → 1 HDMI loop output + 4 HDBaseT outputs
- Transmission: 4K up to 40 m; 1080p up to 70 m over CATx
- 4K input can automatically down-scale to 1080p for compatible displays
- Audio de-embedding via SPDIF and balanced L/R output
- Bidirectional IR pass-through and IR/RS232 cascade control
- 24V PoC for compatible HDBaseT receivers
- HDCP 2.2 support; firmware upgrade via Micro-USB

TECHNICAL SPECIFICATIONS

Parameter	Specification
Video Input	1 × HDMI, Female Type-A
HDMI Input Resolution	Up to 4K@60Hz 4:4:4 8-bit
Video Outputs	1 × HDMI + 4 × HDBT
Output Connectors	1 × HDMI Female Type-A; 4 × RJ45
HDMI Output Resolution	Up to 4K@60Hz 4:4:4
HDBT Output Resolution	Up to 4K@60Hz 4:4:4 (signal compressed)
Transmission Distance	1080p ≤ 70 m; 4K ≤ 40 m
HDMI Standard	2.0
HDCP	Version 2.2
Transmission Mode	HDBaseT
SPDIF Audio	1 × Toslink; LPCM 2ch, Dolby Digital 2/5.1/7.1ch, Dolby TrueHD 7.1ch, DTS 2/5.1ch
Balanced Audio	1 × 5-pin terminal block; PCM; max 2.0 Vrms ±0.5 dB
Control	EDID, Firmware, ID Preset, IR, RS232
Firmware	Micro-USB
Power Input	24V DC 5A
Power Consumption	47W Max
Operating Temperature	-10°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	10% to 90%
Dimensions (W×H×D)	250 × 44 × 148 mm

Parameter	Specification
Net Weight	1.16 kg

EDID / CONTROL HIGHLIGHTS	
EDID 000	First detected display, HDBT 1→2→3→4 (Default)
EDID 001	First detected display, HDBT 4→3→2→1
EDID 010	1080p LPCM
EDID 011	1080p DTS/Dolby
EDID 100	3840×2160@30Hz HDR LPCM
EDID 101	3840×2160@30Hz HDR DTS/Dolby
EDID 110	3840×2160@60Hz HDR LPCM
EDID 111	3840×2160@60Hz HDR DTS/Dolby
HDCP Mode	Switch 4 OFF = Passive (Default); ON = Active

Source: MPHT-4T-H2 User Manual, Version MPHT-4T-H2_2024V1.2.