

MHUB PRO 2.0 (8x8)

Product code: MHUBPRO288100

UK: 2.50.843 AU: 2.50.855

EU: 2.50.853 US: 2.50.854



Designed to address the needs of a contemporary AV install, MHUB PRO 2.0 is fully HDMI 2.0 compatible, equipped with 18G HDMI interfaces and backplane to support Ultra HD 4K/60 (4:4:4) with HDBaseT 2.0 technology to transmit 4K to displays up to 100 metres away over a single Cat6 cable with no latency.

Versatile integrator-centric functions include an internal video scaler, which can fix certain video zones at 1080p, without affecting higher 4K resolution zones, so that every display is always performing at its best. Audio can be 'grabbed' from either the source or display via HDMI-ARC, and an internal 20x8 independent audio matrix switcher offers flexible routing of the grabbed audio, with volume and delay adjustments to make managing audio easy for connection to amps, active speakers, soundbar etc.

Features

18G (600MHz) HDMI® 2.0 and HDCP 2.2 compatible
Supports source content up to and inc. Ultra HD 4K 60 4:4:4 with High Dynamic Range (HDR) all current formats inc. Dolby Vision®
Supports all current audio formats including Dolby Atmos® and DTS:X®
HDBaseT 2.0 with PoH
Internal video scaling (4K>1080p on every output)
Internal 20x8 audio matrix switcher with flexible grabbing audio (source or display HDMI-ARC) via digi coax, or audio downmix via stereo jack
Internal uControl IO expander universal controller
Control paths via TCP/IP, two-way IR and RS232
Backlit fade in/out touch panel controls
App/web GUI for easy config (MHUB-OS) with remote management (HDA Cloud)
2x integrated 10/100 Ethernet LAN connections at RX
Sold as a complete install package, with all receivers, IR cables and mounting kit included.

Specification

Form factor	19"/2U aluminium rack-mountable unit
Inputs x outputs	8 HDMI x 8 RJ45 HDBaseT + 8 mirrored HDMI
Transmission tech.	HDBaseT 2.0 (VS2000) + TPC
Video bandwidth	HDMI backplane 594MHz clock / 18Gbps data HDBT 340MHz clock / 10.2Gbps data
ESD protection	± 8kV (air-gap discharge) ± 4kV (contact discharge)
Hub control	Web GUI, IR, TCP/IP, RS232, App, Alexa
App control	Full control over sources, matrix hub & display functions.
Device weight	Hub 4600g RX 192g
Package weight	8500g
Dimensions (W/D/H)	Hub 440 / 380 / 90mm (without feet) RX 163 / 94 / 19mm
Operating temperature	32°F to 104°F (0°C to 40°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Relative humidity	20~90 % RH (non-condensing)
Power consumption	30W (max) 0.5W (standby)
Guarantee	3/4-year guarantee (Cloud registration required)

Control



App control
Full control of your MHUB, Source and Displays via our integrated and free app, uControl.



Voice Control
All MHUB's support Amazon Alexa natively, allowing full control of your AV system using voice commands.



3rd Party Control
MHUB's offer IP and RS232 integration as standard. Advanced "Expanded IO" drivers also supported for major control systems.



IR Control
Two infrared (IR) remote controllers included for hub and zone control inside package.