

# MHUB (4x3+1)

Product code: **MHUB431U**  
HDMI / HDBaseT Matrix System



Cloud-monitorable 4x3+1 HDMI/HDBT+HDMI matrix system with a 40m UHD 4K or 70m 1080p transmission range. An integrated IP>IR control processor enables property-wide control of all the connected sources and displays via the free uControl universal remote App or Alexa voice commands.

Multichannel audio or stereo extraction can be selected to occur matched to any of the display zone outputs A,B,C or D. Remote cloud monitoring is also possible, designed to reduce the necessity for callouts and site visits.

## FEATURES

HDMI® 2.0 features supported up to 10.2Gbps
All display receivers powered via PoH
IR over HDMI injector dongle included
Web GUI for easy config and setup (MHUB-OS)
Remote system monitoring (HDA Cloud)
Advanced EDID management
Supports HDCP 2.2 Ultra HD 4K 24/30Hz 4:2:2 (HDR10) or 60Hz 4:2:0 (HDR 8bit) + support for Dolby Vision and HLG.
Supports all current audio formats up to and including Dolby Atmos® and DTS:X®
Multichannel audio or stereo extraction via digi-coax, or via 3.5mm stereo jack
4K>1080 down/up-scaling receiver option available

## SPECIFICATIONS

Form factor	Compact unit. Rack-mountable with optional 19"/1U kit (1.85.910.002.1)
Inputs x outputs	4 HDMI x 3 RJ45 HDBaseT + 1 HDMI
Transmission tech.	HDBaseT Class B and HDMI
Video bandwidth	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 1900g RX 125g
Package weight	2500g
Dimensions (W/D/H)	Hub 372 / 167 / 36mm (without feet) RX 140 / 65 / 17mm
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	2/3-year guarantee (Cloud registration required)

## CONTROL

**Universal App Control**  
Full control of your Matrix, Source and Displays via HDANYWHERE'S free app uControl

**Native Amazon Alexa Voice Control**  
All MHUBs support Amazon Alexa natively, allowing full control of your AV system via voice

**Third Party Control**  
All MHUBs offer IP and RS232 integration as standard, drivers are available for all major control system brands

**IR Remote Control**  
Matrix packaged with 1 remote control

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## LEGEND

 Ethernet Cable

 HDMI Cable

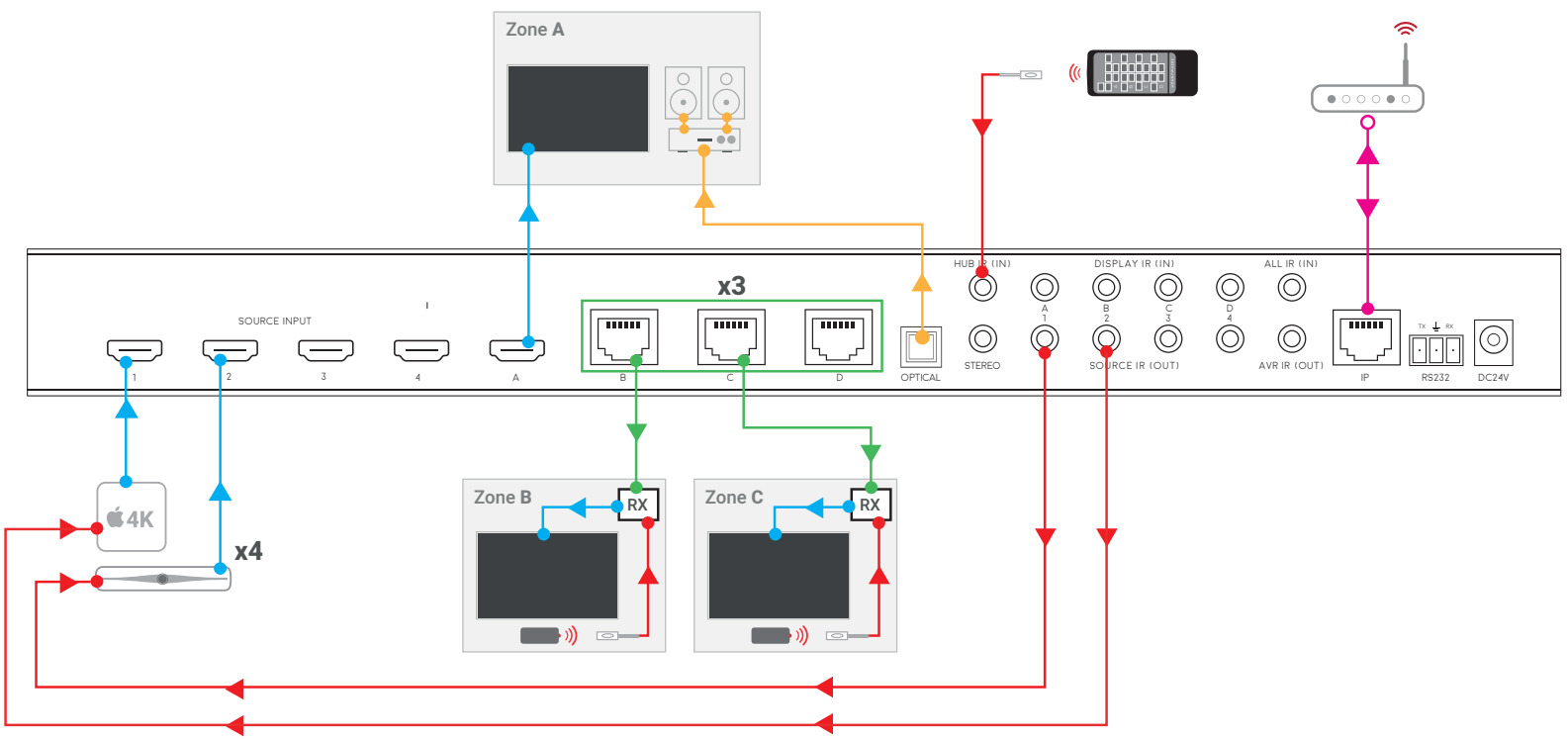
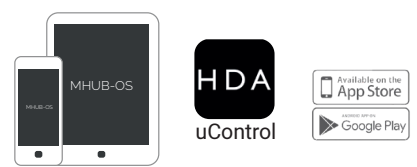
 TOSLink Cable

 IR Cable

 Cat Cable

 IR Receiver

 IR Signal



## HDANYWHERE.COM

Hereby, HDANYWHERE™ declares that this HDMI connectivity device is in compliance with the essential requirements and other relevant provisions of the following Directives: 2006/95/EC (LVD Directive); 2004/108/EC (EMC Directive); 999/5/EC (R&TTE Directive); HD CONNECTIVITY LTD, trading as HDANYWHERE registered in England and Wales. Company No. 06046737 Registered office: Unit 23 Link Business Centre, Link Way, Malvern, Worcestershire, WR14 1UQ. Contact: support@hdanywhere.com Tel: 00441684575324