



TRIAX

connecting the future



HMX 871 Kit

4K Ultra HD Home Distribution Hub

TRIAX HMX 871 Kit enables 4K content from 8 HDMI devices to be viewed and controlled simultaneously at 8 locations.

Kit includes:

- 1 x 4K HMX871 Matrix
- 8 x Remote Controls
- 8 x IR Receivers
- 8 x IR Emitters
- 7 x HDBaseT Receivers
- 1 x RS232 Cable
- 1 x Power Cable

Art. No. 310077

 **4K**  **HDCP 2.2**

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- HDBaseT Matrix Switcher featuring 7 HDBaseT outputs and 1 HDMI output
- Supports HDCP 2.2, and is backwards compatible with previous versions of HDCP and HDMI
- Transmits 4Kx2K @ 60Hz 4:2:0 up to 26 ft. (8m) via HDMI port and 131 ft. (40m) via HDBaseT port
- 7 HDBaseT outputs with distances up to 230 ft. (70m) at 1080p and 131 ft. (40m) at 4Kx2K on a single Cat5e/6 cable
- HDBaseT Receivers are powered by the matrix using PoC technology
- LED indicators show real-time switching status
- Controllable via front panel, RS232, IR and TCP/IP
- Built-in GUI for TCP/IP control and setup
- Powerful EDID management
- Support CEC to control far-end display devices via RS232 commands
- Features Micro USB port for firmware upgrades
- Easy installation with rack-mounting design, mounting hardware included
- Power Supply: Matrix Unit, AC100V~ 240V; Receivers, PoC

4K HDBaseT Matrix

Artr. No. 310077

Video Input		Audio general	
Input	8 HDMI	Output Signal	Stereo audio Digital audio
Input Connector	Female HDMI	Analog Audio Output	Support PCM
Input Level	T.M.D.S. 2.9V~3.3V	Digital Audio Output	Supports PCM-Dolby-DTS-DTS-HD
Input Impedance	100Ω (Differential)	Frequency Response	20Hz~20KHz
HDMI Standard	Support 4K@60 4:2:0 & HDCP2.2 and is backward compatible with all previous standards.	Output Connector	1 L&R(RCA) 1 SPDIF
Video Output		Control Parts	
Output	1 HDMI – 7 HDBaseT	Control Ports	8 IR OUT / 1 IR ALL OUT / 7 IR IN 1 IR EYE / 1 TCP/IP (female RJ45) 1 RS232 (3-pin pluggable terminal block)
Output Connector	Female HDMI Female RJ45(with LED indicators)	Panel Control	Front panel buttons
Output Level	T.M.D.S. 2.9V~3.3V	RS232 Control	3-pin pluggable terminal block
Output Impedance	100Ω (Differential)	IR	Extended IR receiver
HDMI Standard	Support 4K@60 4:2:0 & HDCP1.4 and is backward compatible with all previous standards.	TCP/IP Control	Web-based GUI
Video general		General	
Video Signal	HDMI (or DVI-D)	Power Supply	AC100-240V~, 50/60Hz
Transmission Distance	1080P@60Hz ≤70m 4Kx2K@60Hz ≤40m	Power Consumption	93W (Max)
Resolution Range	Up to 4Kx2K@60Hz	Temperature	0~ +50°
EDID Management	In-built EDID data and manual EDID management	Reference Humidity	10% ~ 90%
Gain	0 dB	Dimension (W*H*D)	436.4mm x 44.0mm x 300.0 mm
Bandwidth	10.2Gbit/s	Net weight	2900 g
Switching Speed	200ns (Max.)		

HDBaseT Receiver

Input & Output		General	
Input	1 HDBaseT	Humidity	10% ~ 90%
Input Connector	Female RJ45(with LED indicators)	Bandwidth	10.2 Gbps
Output	1 HDMI	HDMI Standard	Support HDMI1.4 and HDCP1.4
Output Connector	Female HDMI		
Control	1 IR IN / 1 IR OUT	Temperature	0~ +50°
Control Connector	3.5mm mini jacks		
Resolution Range	Up to 4Kx2K@60Hz		
Transmission Mode	HDBaseT		
Transmission Distance	1080P@60Hz ≤70m 4Kx2K@60Hz ≤40m		
Power Supply	Powered by 4K HDBaseT Matrix Switcher		
Dimension (W*H*D)	61mm x 24mm x 120mm		