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

HDBaseT® 4K UHD HDCP 2.2

TRIAX

connecting the future

- 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~ +50⁰	
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					
Input	1 HDBaseT				
Input Connector	Female RJ45(with LED indicators)				
Output	1 HDMI				
Output Connector	Female HDMI				
Control	1 IR IN / 1 IR OUT				
Control Connector	3.5mm mini jacks				

General					
Resolution Range	Up to 4K×2K@60Hz		Humidity	10% ~ 90%	
Transmission Mode	HDBaseT		Bandwidth	10.2 Gbps	
Transmission Distance	1080P@60Hz ≤70m 4Kx2K@60Hz ≤40m		HDMI Standard	Support HDMI1.4 and HDCP1.4	
Power Supply	Powered by 4K HDBaseT Matrix Switcher		Temperature	0~ +50⁰	
Dimension (W*H*D)	61mm x 24mm x 120mm				