

# MUH44F KIT

MUH44F KIT is a 4X4 HDMI to HDBaseT matrix solution kit, included 4 receivers, 4 HDBaseT and 1 HDMI outputs. It support HDMI 1.4 and HDCP 2.2, can transmit 4K@60Hz 4:2:0 video up to 131ft/40m and 1080P up to 230ft/70m over a single CAT5e/6 cable, and support bi-directional IR extension. Multiple control by buttons, IR, RS232 and GUI.



Video Input	4 x HDMI (female)
Video Output	1 x HDMI (female); 4 x HDBaseT (RJ45)
Audio Output	1 x optical; 1x L+R stereo
IR In/Out	4 In & 3 Out, for bi-directional IR transmission; 1 IR EYE for MUH44F KIT control
Standard	HDMI 1.4, HDCP 2.2
Bandwidth	10.2 Gbps
Resolution	Up to 4K@60Hz 4:2:0
Transmission Distance	1080P@60Hz ≤70m, 4Kx2K@60Hz 4:2:0 ≤40m
Audio Format	Analog out: PCM; Digital out: PCM, Dolby Digital, DTS, DTS-HD
Control	Buttons, IR, RS232, GUI
Power Supply	DC 24V, 2.71A
Power Consumption	50W (full load)
Chassis Dimension	W437mm x H44mm x D180mm
Weight	1.4Kg

- Supports 10.2Gbps bandwidth.
- Support HDMI 1.4, HDCP 2.2.
- Support 4K@60Hz 4:2:0 video up to 131ft/40m and 1080P up to 230ft/70m.
- 2-way IR, PoC for the receivers.
- 1 mirrored HDMI outputs, with stereo and digital audio de-embedded.
- Smart EDID management.
- Controllable via front panel buttons, IR, RS232 and TCP/IP (GUI).

