

# MUH88E Kit

MUH88E Kit is a 8X8 HDMI to HDBaseT matrix solution kit, included 7 receivers, 7 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           | 8 x HDMI (female)                                                                    |
| Video Output          | 1 x HDMI (female); 7 x HDBaseT (RJ45)                                                |
| Audio Output          | 1 x Optical, 1 x L+R stereo                                                          |
| IR In/Out             | 7 In & 9 Out, for bi-directional IR transmission;<br>1 IR EYE for MUH88E 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;<br>Digital out: PCM, Dolby Digital, DTS, DTS-HD                     |
| Control               | Buttons, IR, RS232, GUI                                                              |
| Power Supply          | 100~240VAC, 50/60Hz                                                                  |
| Power Consumption     | 93W (full load)                                                                      |
| Chassis Dimension     | W437mm x H44mm x D300mm                                                              |
| Weight                | 2.9Kg                                                                                |



- 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, PoH for the receivers.
- 1 HDMI outputs, with stereo and digital audio de-embedded.
- Smart EDID management.
- Controllable via front panel buttons, IR, RS232 and TCP/IP (GUI).

