

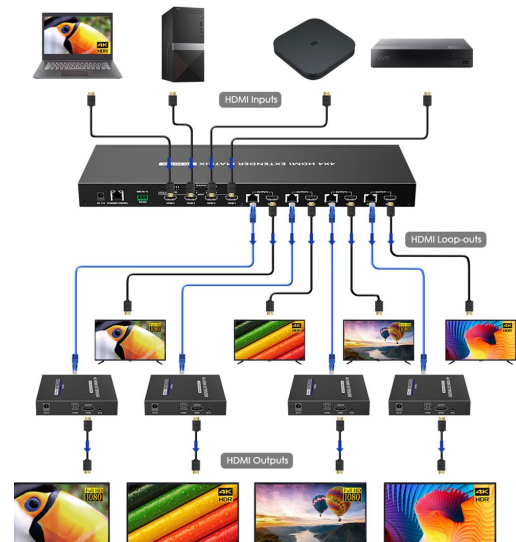
4X4 HDMI EXTENDER KIT MATRIX SWITCH

Model Code: LKV844

This device is a 4x4 HDMI matrix extender designed for network cable use. It comes equipped with 4 HDMI inputs, 4 RJ45 outputs, & 4 HDMI loop-outs. The 4 HDMI outputs deliver high-definition audio & video signals to 4 UHD displays locally, while the 4 RJ45 outputs extend these signals up to 70m away to 4 additional UHD displays via 4 receivers. It offers versatile control options, including RS-232 control, Ethernet control, button control, & remote control, making input & output switching & configuration effortless. This product is an ideal choice for applications such as security, school education, exhibition centers, multimedia conferences, & more.

Features:

- Zero latency transmission
- Support resolution up to 4K@60Hz
- Support 4x HDMI inputs & 4x HDMI loop-out
- Support 4x HDMI outputs via CAT6/6A/7 with transmission distance up to 70 meters
- The receiver can extract the digital audio from the transmitter through the S/PDIF port
- Support IR passback (20~60kHz)
- Support PoC, only the transmitter needs to be plugged in
- Support EDID management
- Support button control, remote control, Ethernet control & RS-232 control
- Lightning protection, surge protection, ESD protection



SPECIFICATIONS

Items	Transmitter	Receiver
HDMI version	HDMI 2.0	
HDCP version	HDCP 2.2, HDCP 1.4	
Transmission media	Cat6/Cat6A/Cat7	
Transmission distance	≤70m	
Video b&width	600MHz (18Gbps)	
Resolution supported	3840x2160@24/25/30/50/60Hz, 4096x2160@24/25Hz, 1080i@50/60Hz, 1080p@50/60Hz, 720p@50/60Hz, 576i@50Hz, 576p@50Hz, 480i@60Hz, 480p@60Hz, 3440x1440, 2560x1440, 2560x1080, 2048x1080, 1920x1440, 1280x960, 1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900, 1024x768, 800x600	
HDR10	Yes	
HDMI loop-out	Yes	-
IR passback	Unidirectional	
S/PDIF audio separation	-	Yes
EDID DIP switch	Yes	-
Audio format supported	LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH/Dolby Atmos	
Input TMDS signal	0.5~1.2Vp-p	
Input DDC Signal	5Vp-p	
RS-232 control	Yes	
Ethernet control	Yes	
Remote control	Yes	