4K@60HZ HDR 4X2 HDMI MATRIX SWITCH

Model Code: LKV422

This 4-in-2-out HDMI™ matrix switch allows four HDMI™ sources to be routed to two HDMI™ displays as needed. It supports resolutions up to 4096×2160@60Hz with HDR, and offers flexible control via IR remote, front-panel buttons, or RS-232. The HDMI™ outputs also support automatic downscaling for improved display compatibility. Audio can be extracted through the S/PDIF port or stereo audio jack. Designed for reliable ultra-high-definition video transmission, this matrix switch is ideal for use in security monitoring, education and training, exhibitions, broadcasting, command centres, and other professional applications.
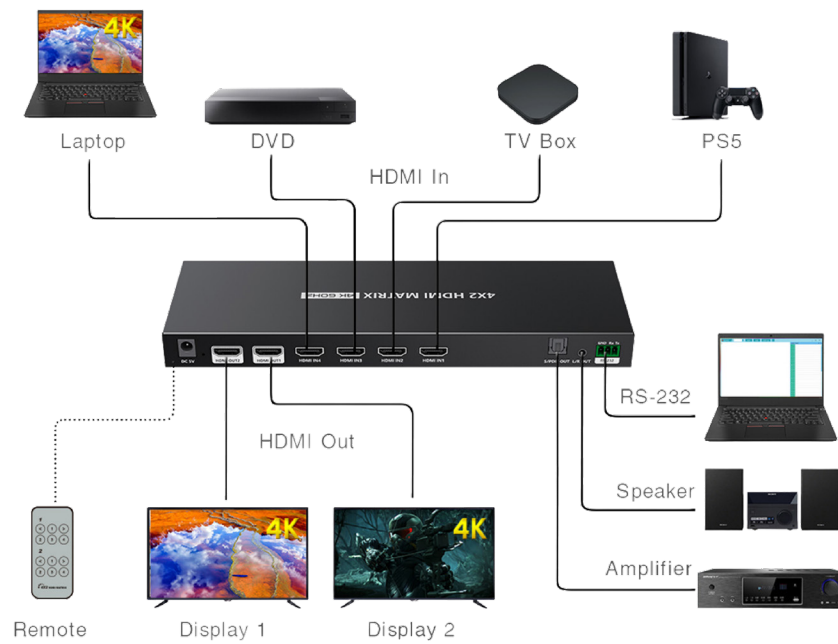
Features:
- 4K@60HZ HDR10
- Widescreen Resolutions
- Audio Extraction
- Multiple Control Methods
- Auto down-scaling
- Power Off Memory
- 24/7

Specifications	
HDMI version	HDMI2.0 (HDR, YUV4:4:4)
	Compatible with HDCP2.2, HDCP1.4
HDMI interface	4 HDMI input, 2 HDMI output
Transmission rate	18Gbps
Bandwidth	600MHz
Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840×2160@24/25/30/50/60Hz, 4096×2160@24/25/30/50/60Hz
Audio format	LPCM7.1/DTS-HD/DTS-Audio/Dolby Digital plus/Dolby TrueHD 7.1/Dolby Digital 7.1CH/Dolby Atmos
RS-232	3 Pin (GND/Rx/Tx), Band rate 9600
EDID setting	EDID DIP switch (16 gears)
IR frequency	20KHz~60KHz
Voltage	DC5V/1A
Power consumption	<4W
Working temperature	-20°C~60°C
Storage temperature	-30°C~70°C
Humidity	0%~90% RH
Housing	Iron
Colour	Black
Weight	375g
Dimensions	250.0(L) x 80.0(W) x 21.0(H) mm
Protection	ESD protection, 1a Contact discharge level 2 (±4KV), 1b Air discharge level 3 (±8KV), Implementation of the standard: IEC61000-4-2
	Lightning protection, Surge protection

Laptop   DVD   TV Box   PS5

HDMI In

4X2 HDMI MATRIX | 4K 60Hz

DC 5V   HDMI OUT2   HDMI OUT1   HDMI IN4   HDMI IN3   HDMI IN2   HDMI IN1   S/PDIF OUT L/R OUT   RS-232

RS-232

HDMI Out

Speaker

Amplifier

Remote   Display 1   Display 2

I/O Ports

Power Indicator   Audio Switch

HDMI Inputs
Indicator 1,2,3,4

HDMI OUT

AUDIO OUT SWITCH

IR

HDMI OUT1

1 2 3 4

HDMI IN SWITCH

HDMI OUT2

1 2 3 4

HDMI IN SWITCH

Audio Out
Indicator 1,2

IR Window

HDMI Output
Switch 1,2

3.5mm L/R Out

DC 5V   HDMI OUT2   HDMI OUT1   HDMI IN4   HDMI IN3   HDMI IN2   HDMI IN1   S/PDIF OUT L/R OUT   GND Rx Tx RS-232

DC5V   HDMI Output
1,2   HDMI Input
1,2,3,4   S/PDIF Out   RS-232