4x4 HDMI Matrix

CH4450K

Products Description

This 4x4 HDMI matrix routes four Ultra HD sources to four 4K Ultra HD displays with HDMI inputs. Each source can be routed to any display, using the front-panel buttons or the IR Remote Control. The matrix can also be controlled via RS-232. With smart EDID management, make it compatible with most of the HDMI source and sink devices.
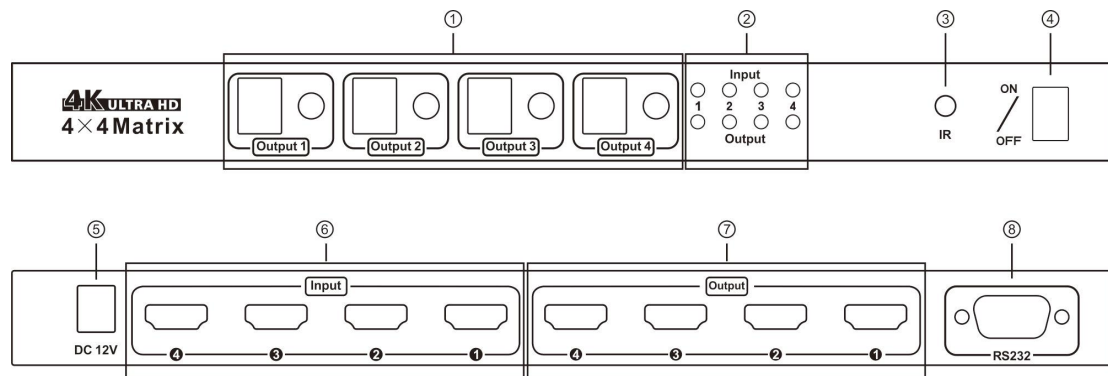
Features

- Compliant with HDCP 1.3
- Supports 1080P@60Hz 3D and 3840x2160P@30Hz
- Each HDMI output can select same input or select standalone input
- Supports PCM, Dolby AC3, DTS5.1, DTS7.1 and DSD audio format
- Smart EDID management, make it compatible with most display devices
- Matrix status could be memorized after power down, automatically restore previous matrix status after next power on
- Easy control matrix via IR receiver, front keypad and PC (via RS232 port)
- Easy to view real time inputs and outputs status via LED display
- Supports DVI-D single link sources and displays with the use of HDMI-to-DVI adapters.
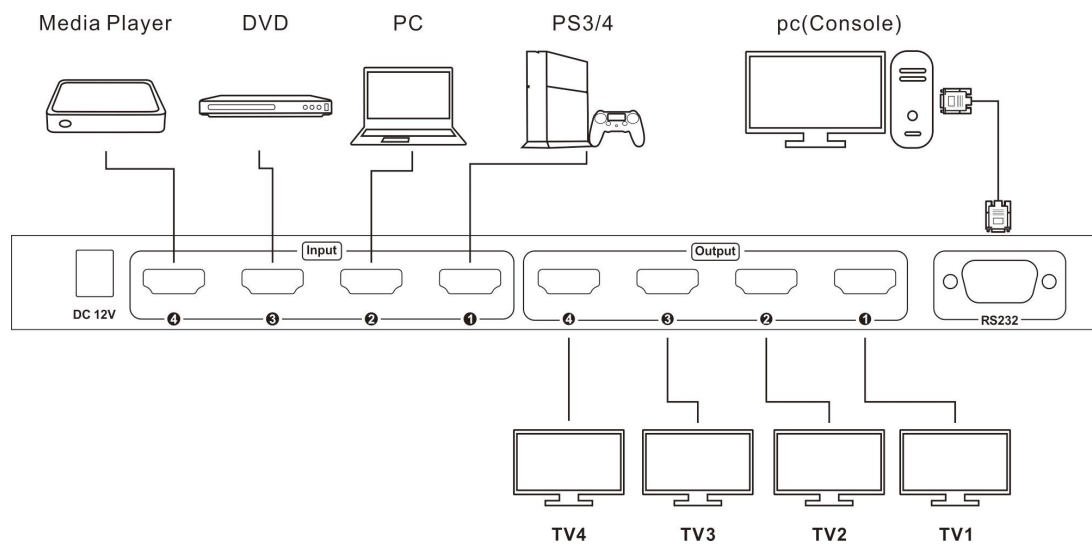- 8KV ESD protection

Package Included

1 * HDMI Matrix 4x4
1 * Remote control
1 * DC 12V Power Adapter
1 * User manual

Panel description

1. Input selection button and channel number display
2. input and output status
3. IR receiver
4. Power switch
5. DC 12V
6. Input ports
7. Output ports
8. RS232 console port

Connection diagram

Specification

CH4450K	4x4 HDMI Matrix	
Functionality		
Port selection	Front panel buttons	Yes
	Console commands	RS232
	IR remote control	Yes
OSD	No	
Smart EDID	Yes	
Technical		
Resolution	Up to 3840x2160@30Hz/ 1080P@60Hz 3D	
HDCP version	1.3	
Data rate	10.2 Gbps	
Input	4*HDMI Type A, 24/26 AWG HDMI cable up to 10M	
Output	4*HDMI Type A, 24/26 AWG HDMI cable up to 20M	
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical		
Chasing material	Metal	
Product Dimensions	278(L) x 136 (W) x 25 (H) mm	
Item Weight	1100 g	
Power supply	DC 12V 2A	
Operating/Storage temperature	0 to 70 degree/-40 to 85 degree	
Operating Humidity	10 to 90% RH	