

8x8 HDMI Matrix

CH8830K

Products Description

This 8x8 HDMI matrix routes 8 Ultra HD sources to eight 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, IP interface. With smart EDID management, make it compatible with most of the HDMI source and sink devices.

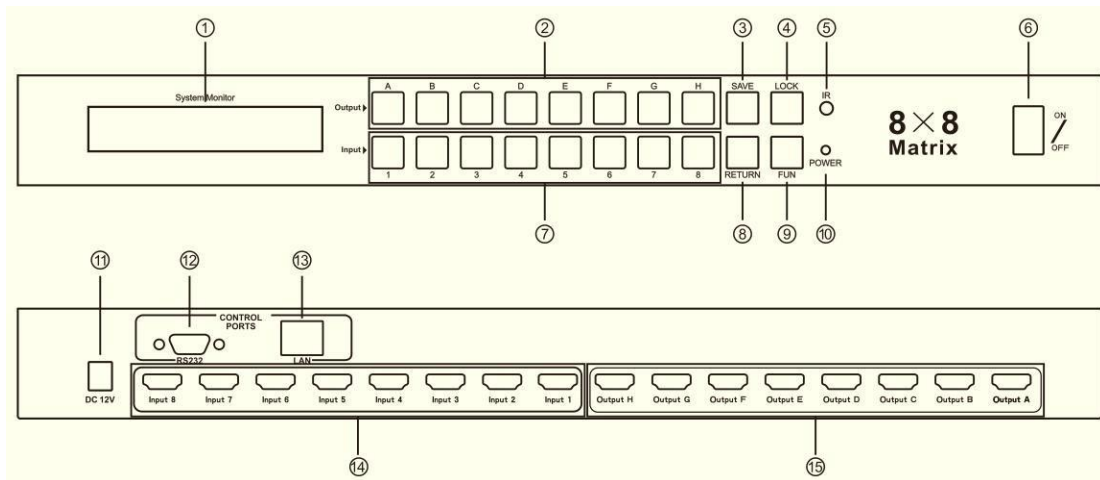
Features

- Max. resolution up to 3840*2160@30Hz.
- Each HDMI output can share 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 LAN or RS232 port)
- Easy to view real time inputs and outputs status via LCD display
- Supports 8 configurable user preset connections
- Supports DVI-D single link sources and displays with the use of HDMI-to-DVI adapters.

Package Included

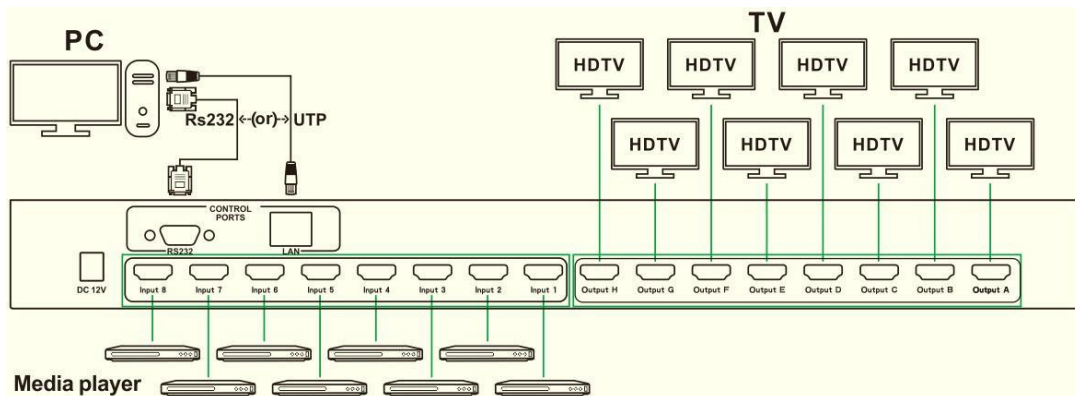
- 1 * HDMI Matrix 8x8
- 1 * Remote control
- 2 * Rack-ears
- 1 * DC 12V 2A Power Adapter
- 1 * User manual

Panel description



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|---|---|
| <ol style="list-style-type: none"> 1. 24x2 LCD display, display matrix routing status 2. Output selection buttons 3. Save user preset connections 4. Lock/Enter button 5. IR receiver 6. Power switch 7. Input selection button 8. Restore user preset connection | <ol style="list-style-type: none"> 9. Function switch button, output to all or mirrored connection 10. Power status 11. DC 12V 12. Console port for RS232 13. Console port for IP 14. HDMI input 15. HDMI output |
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Connection diagram



Specification

CH8830K	8x8 HDMI Matrix	
Functionality		
Port selection	Front panel buttons	Yes
	Console commands	RS232 / IP
	IR remote control	Yes
LCD Display	24x2 characters	
OSD	No	
Smart EDID	Yes	
Technical		
Resolution	Up to 3840x2160@30Hz/ 1080P@60Hz 3D	
HDCP version	1.3	
Data rate	10.2 Gbps	
Input	8*HDMI Type A, 24/26 AWG HDMI cable up to 5M	
Output	8*HDMI Type A, 24/26 AWG HDMI cable up to 5M	
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical		
Chasing material	Metal	
Product Dimensions	440(L) x 150 (W) x 45 (H) mm	
Item Weight	2000 g	
Power supply	DC 12V 2A	
Operating/Storage temperature	0 to 70 degree/-40 to 85 degree	
Operating Humidity	10 to 90% RH	