

4x4 HDMI Matrix

HMA0404A1U

Product Description

This 4x4 HDMI matrix routes 4 Ultra HD sources to 4 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 RS232 or LAN port. With smart EDID management, make it compatible with most of the HDMI source and sink devices.

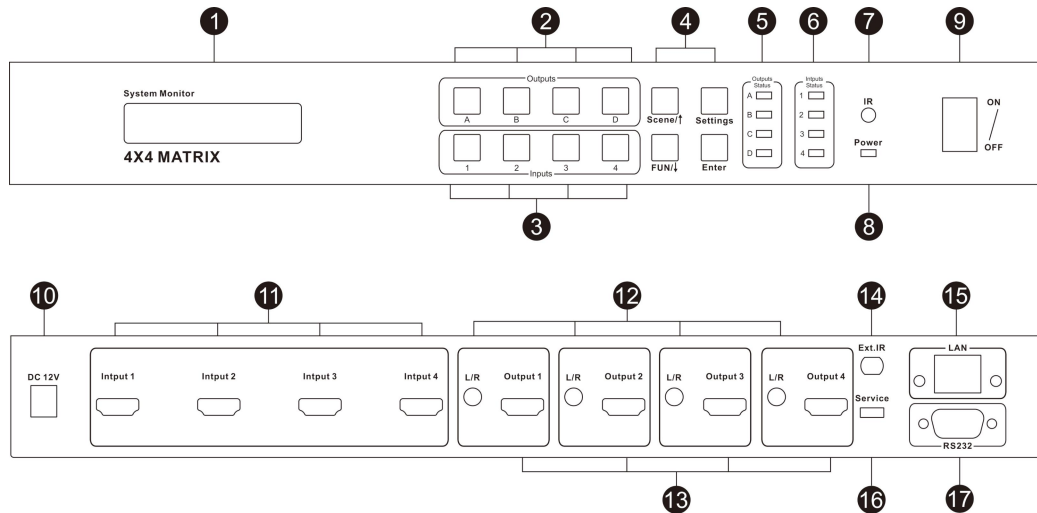
Features

- Support resolution up to 3840*2160@60Hz
- Each HDMI output can share same input or select standalone input
- Support PCM, Dolby AC3, DTS5.1, DTS7.1 and DSD audio formats
- 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 connection status via LCD display
- Support 4 configurable user preset connections
- HDCP 2.2 compliant
- Support HDR and Dolby Vision
- Support L/R audio output

Packing List

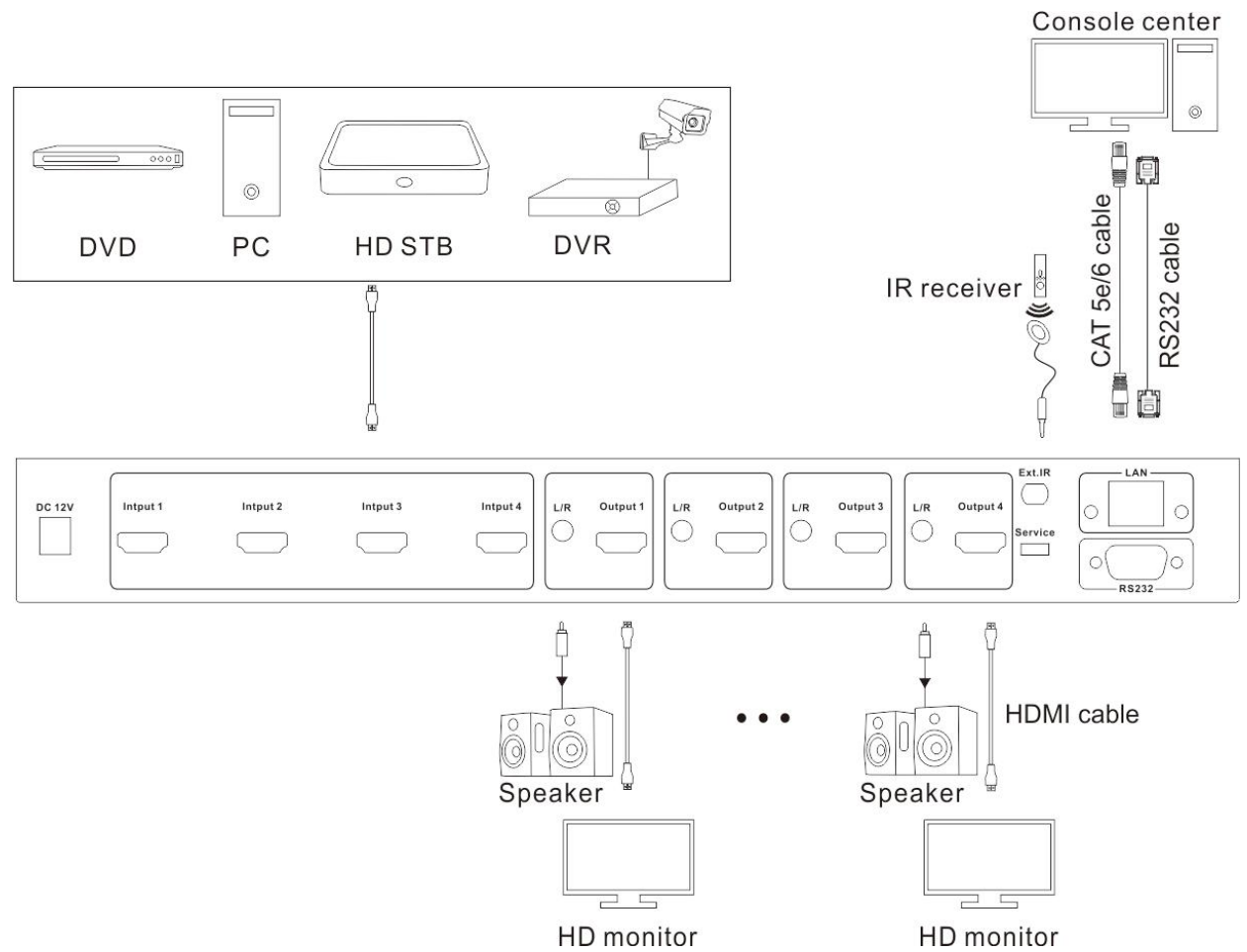
- 1 * 4x4 HDMI Matrix
- 1 * Remote control
- 1 * IR Receiver cable
- 2 * Rack-ears
- 1 * DC 12V Power Adapter
- 1 * User manual

Panel Description



ID	Name	Description
1	LCD display	Display current routing status and system setting
2	Output selection button	Select output to control
3	Input selection button	Select input port
4	Function select button	Scene/↑ : Save current routing as user preset and restore user's preset Fun/↓ : Setting N to N mirrored routing and N to all routing and N to all routing Settings : Change LED time and buzzer status Enter : Enter user's setting
5	Output status	LED indicator of output connection status
6	Input status	LED indicator of input connection status
7	IR receiver	Receive IR signal
8	Power status	LED indicator of power supply
9	Power switch	Power on or off the matrix
10	DC 12V	12V DC power supply
11	HDMI input	Connect to HDMI source device
12	L/R audio output	Connect to speaker
13	HDMI output	Connect to HDMI display
14	Ext.IR	For extended IR receiver cable input
15	LAN port	Connect to local area network, control matrix by TCP/IP commands
16	Service data port	Connect to USB port of PC for system upgrade
17	RS232	Connect to RS232 connector for serial control

Connection Diagram



Specification

HMA0404A1U	4x4 HDMI Matrix	
Functionality		
Port selection	Front panel buttons	Yes
	Console commands	RS232 / IP
	IR remote control	Yes
LCD Display	16x2 characters	
OSD	No	
Smart EDID	Yes	
Technical		
Max. Resolution	3840x2160@60Hz	
HDCP	2.2	
Data rate	18 Gbps	
Input	4*HDMI Type A	
Output	4*HDMI Type A	
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical		
Chasing material	Metal	
Power supply	DC 12V 2A	
Operating/Storage temperature	0 to 70 degree/-40 to 85 degree	
Operating Humidity	10 to 90% RH	
Product	Dimension	378(L) x 190 (W) x 44.5 (H) mm
	Weight	1903g
Item	Dimension	476 (L) x 90 (W) x 232 (H) mm
	Weight	2541g
Carton	Dimension	515 (L) x 285 (W) x 470 (H) mm
	Quantity	5pcs
	Total Weight	13.555kg