

4x2 HDMI Matrix Switch

HMA0402A40

This 4x2 HDMI matrix routes four Ultra HD sources to two 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. With smart EDID management, make it compatible with most of the HDMI source and sink devices.

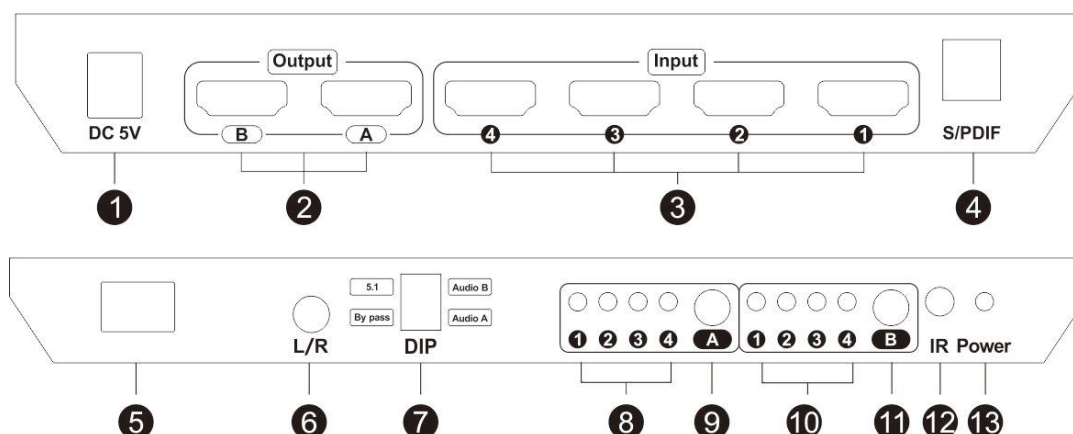
Features

- Compliant with HDCP 1.4
- Support resolution up to 3840*2160@30Hz
- Support up to 36 bit/pixel color depth
- Easy to control matrix via IR receiver and panel keypad
- Support 5.1/By pass modes of audio output
- Support audio output via optical and AUX L/R audio interfaces
- Each HDMI output can share same input or select standalone input
- Support HDMI cable length up to 10 meters

Packing List

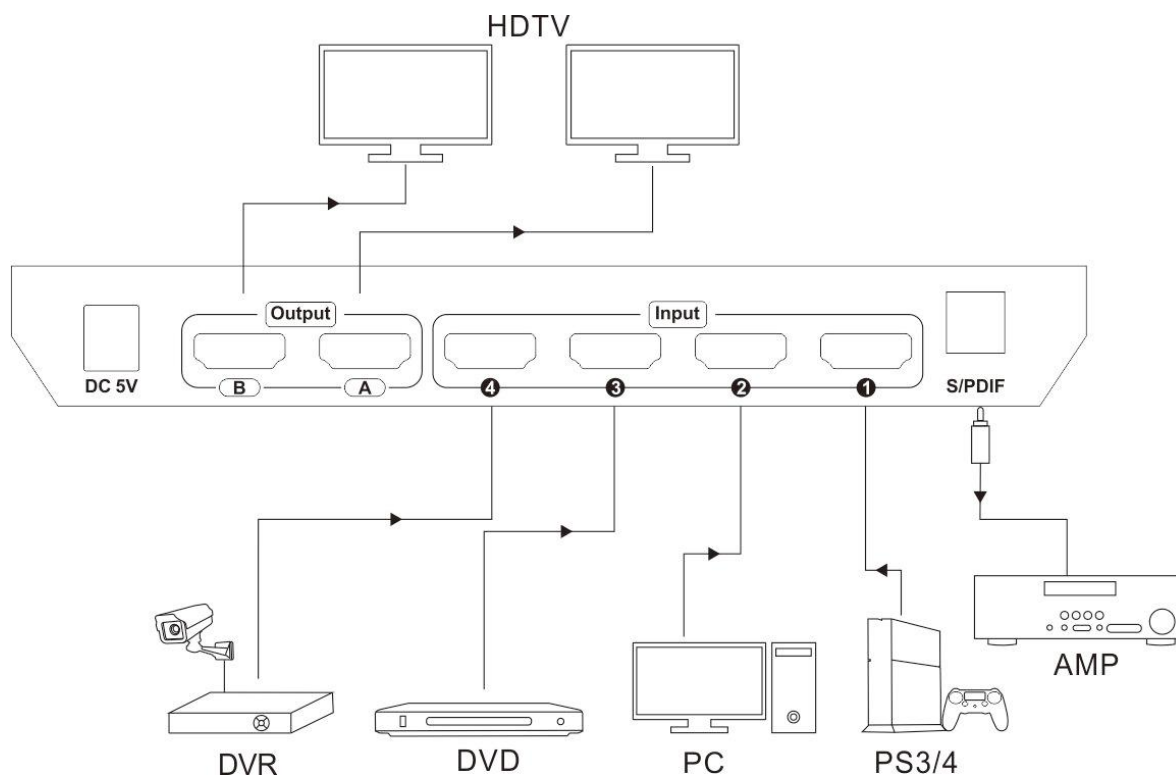
- 1 * HDMI Matrix 4x2
- 1 * Remote control
- 1 * DC 5V Power Adapter
- 1 * User manual

Panel description



ID	Name	Description
1	DC 5V	DC 5V power supply
2	HDMI output	Connect to HDMI displays
3	HDMI input	Connect to HDMI devices
4	S/PDIF audio output	Connect to AMP
5	Power switch	Turn on or turn off power supply
6	L/R AUX audio output	Connect to analog L/R audio speaker
7	DIP button	1: Prefer 5.1/By pass audio output 2: Switching to audio output between port A and port B
8	Port A selection indicator	The LED will be lit if the corresponding input source is selected
9	Port A selection button	Select input sources
10	Port B selection indicator	The LED will be lit if the corresponding input source is selected
11	Port B selection button	Select input sources
12	IR receiver	Receive IR signal
13	Power status	LED indicator of power supply

Connection diagram



Specification

HMA0402A40	4x2 HDMI Matrix Switch	
Functionality		
Port selection	Front panel buttons	Yes
	Console commands	No
	IR remote control	Yes
OSD	No	
Smart EDID	Yes	
Technical		
Max. Resolution	3840x2160@30Hz	
HDCP version	1.4	
Data rate	10.2 Gbps	
Input	4*HDMI Type A, 24/26 AWG HDMI cable up to 10M	
Output	2*HDMI Type A, 24/26 AWG HDMI cable up to 20M 1*S/PDIF (Coaxial)	
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical		
Chasing material	Aluminum Alloy	
Power supply	DC 5V 1A	
Operating/Storage temperature	0 to 70 degree/-40 to 85 degree	
Operating Humidity	10 to 90% RH	
Product	Dimension	196(L) x 80 (W) x 24 (H) mm
	Weight	257g
Item	Dimension	245 (L) x 135 (W) x 90 (H) mm
	Weight	548g
Carton	Dimension	515 (L) x 285 (W) x 470 (H) mm
	Quantity	20pcs
	Total Weight	11.81kg