

# 4\*2 HDMI MATRIX

## AVLINK™



**HX-1542W**

## USER MANUAL

### HX-1542W

V1.0

### Package Contents-

- 1x HX-1542W Unit
- 1x User Manual
- 1x Power Adapter DC 12V with Lock
- 1x Remote Controller with Battery
- 2x Screws
- 4x Foot Pads

Any thing missed, please contact with your vendor.

## Features

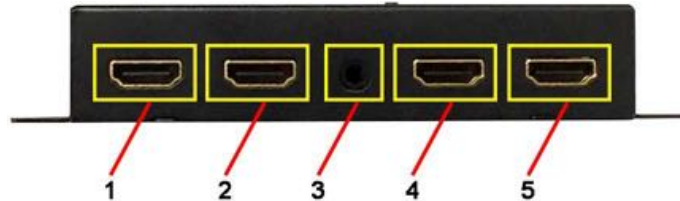
- 4 HDMI inputs and 2 HDMI outputs matrix
- Support high-resolution display up to 4Kx2K@60Hz (YCbCr 4:2:0 8/10/12/16-bit, RGB/ YCbCr444 only 8-bit)
- Supports 3D pass-through
- HDCP2.2/HDCP1.4 Compliant
- EDID Copy from OUT port 1
- Supports IR remote control
- Supports RS-232 control

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## Specifications

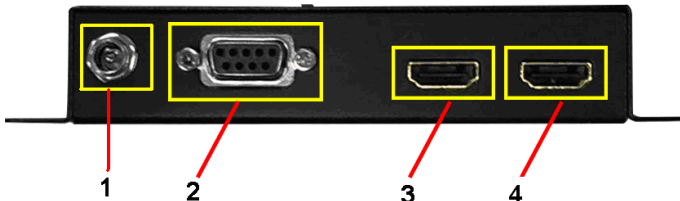
Function	HX-1542W
HDMI In Connector	HDMI A-Type Female x 4
HDMI Out Connector	HDMI A-Type Female x 2
IR In	3.5 $\phi$ Stereo Jack x 1
RS-232 Port	9 Pin Female D Type Connector
Baud Rate	9600 bps; 8 data bits, 1 stop bit, no parity
Max. Resolution	4K x 2K@60Hz
Power Adapter (Min.)	DC 12V with Lock
Housing	Metal
Dimensions (LxWxH)	150 x 80 x 25 mm
Weight	296 g

### FRONT VIEW



1. HDMI IN1
2. HDMI IN2
3. IR IN
4. HDMI IN3
5. HDMI IN4

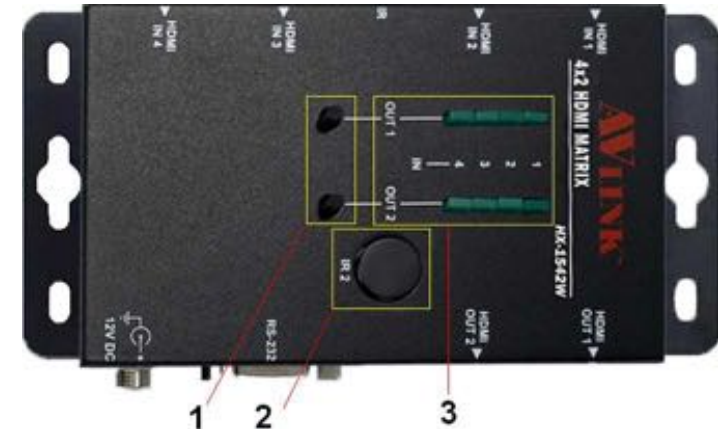
### REAR VIEW



- 1.DC JACK
- 2.RS-232
- 3.HDMI OUT2
- 4.HDMI OUT1

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### TOP VIEW



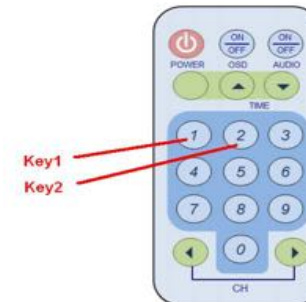
1. TACK SWITCH
2. IR2
3. LED

## Installation

1. Turn off the HDMI source and HDMI display.
2. Connect the HDMI cable between the HDMI source and the "HDMI IN1~IN4" port of HX-1542W.
3. Turn on the HDMI source and display .
4. Select source by TACK SW, IR or RS-232

## Operation

1. Key button Of Top Unit  
Press OUT1 Key: Change Output1 Link Input Port  
Press OUT2 Key: Change Output2 Link Input Port
2. Remote Controller  
Press Key "1" : Change Output1 Link Input Port  
Press Key "2" : Change Output2 Link Input Port



# **(Optional) IR Receiver Cable Install**

Put it into the HX-1542W “IR IN” port and place the IR Receiver Cable, so that you can point to it easily with your IR remote controller.

## **RS-232 Control**

Connect the RS-232 cable between the PC and the “RS-232” port of HX-1542W.  
Key in the command you can change source to output

```
Command List:
“route 1 1”  OUT1→IN1
“route 1 2”  OUT1→IN2
“route 1 3”  OUT1→IN3
“route 1 4”  OUT1→IN4
“route 2 1”  OUT2→IN1
“route 2 2”  OUT2→IN2
“route 2 3”  OUT2→IN3
“route 2 4”  OUT2→IN4
```

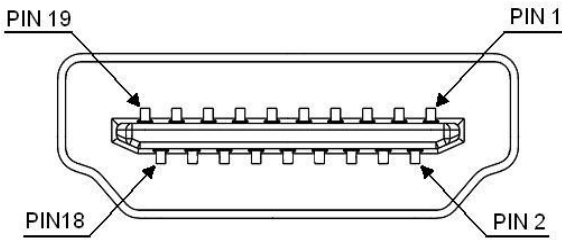
“Help”                      Display command List

# **Additional Option**

Select any additional options you may require.  
1. IR Receiver Cable



## **Technical Specifications Output Signal**



Pin #	Signal	Pin #	Signal
1	TMDS Data 2+	11	TMDS Clock Shield
2	TMDS Data 2 Shield	12	TMDS Clock -
3	TMDS Data 2-	13	CEC
4	TMDS Data 1+	14	Reserved (N.C. on device)
5	TMDS Data 1 Shield	15	SCL
6	TMDS Data 1-	16	SDA
7	TMDS Data 0+	17	DDC/CEC Ground
8	TMDS Data 0 Shield	18	+5 Power
9	TMDS Data 0-	19	Hot Plug Detect
10	TMDS Clock+		

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