

2*2 HDMI MATRIX

AVLINK™



HX-1422W

USER MANUAL HX-1422W

V1.1

Package Contents-

- 1x HX-1422W Unit
- 1x User Manual
- 1x Power Adapter DC 12V with Lock
- 1x Remote Controller with Battery
- 2x Screws
- 4x Foot Pads

Anything missed, please contact with your vendor.

Features

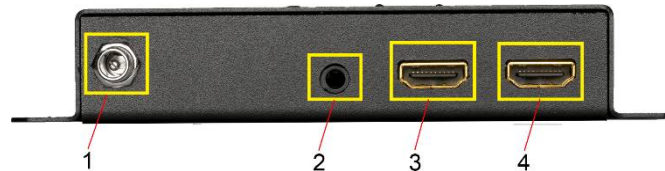
- 2 HDMI inputs and 2 HDMI outputs matrix
- Supports resolution up to 4K x 2K@30Hz or 4K x 2K@60Hz (YCbCr4:2:0) or 1080P@60Hz (12-bit)
- Supports 3D pass-through
- HDCP Compliant
- EDID Copy from OUT port 1
- Supports IR remote control
- Supports RS-232 control

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Specifications

Function	HX-1422W
HDMI In Connector	HDMI A-Type Female x 2
HDMI Out Connector	HDMI A-Type Female x 2
IR In	3.5 φ 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
Power Adapter (Min.)	DC 12V with Lock
Housing	Metal
Dimensions (LxWxH)	150 x 80 x 25 mm
Weight	305 g

FRONT VIEW



1. DC JACK
2. IR IN
3. HDMI OUT2
4. HDMI OUT1

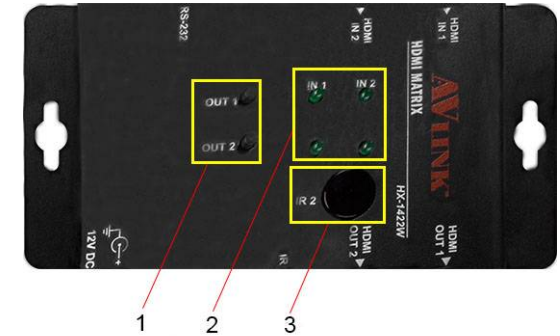
REAR VIEW



1. HDMI IN1
2. HDMI IN2
3. RS-232

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TOP VIEW



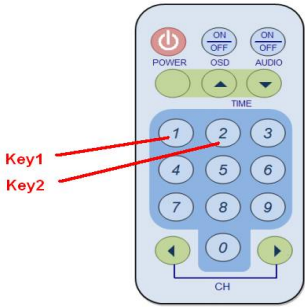
1. TACK SWITCH
2. LED
3. IR2

Installation

1. Turn off the HDMI source and HDMI display.
2. Connect the HDMI cable between the HDMI source and the "HDMI IN1 or IN2" port of HX-1422W.
3. Connect the HDMI cable between the HDMI display and the "HDMI OUT1 or OUT2" port of HX-1422W.
4. Turn on the HDMI source and display.
5. 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



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(Optional) IR Receiver Cable Install

Put it into the HX-1422W “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-1422W.

Key in the command you can change source to output

Command List:

“Switch 1 1“ OUT1→IN1

“Switch 1 2“ OUT1→IN2

“Switch 2 1“ OUT2→IN1

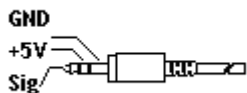
“Switch 2 2“ OUT2→IN2

“Help” Display command List

Additional Option

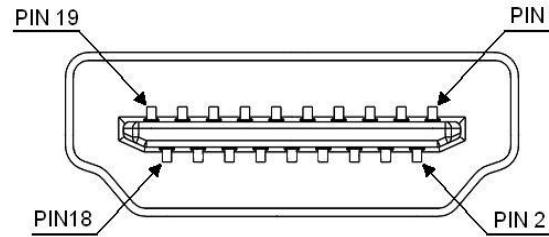
Select any additional options you may require.

1. IR Receiver Cable



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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	+5V Power
9	TMDS Data 0-	19	Hot Plug Detect
10	TMDS Clock+		

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