

HDTV-2x2H-4K

Manual

What's in the Box

- 1 x HDTV-2x2H-4K
- 1 x User Manual
- 1 x Remote Control
- 1 x 12V DC Power supplies
- 1 x Mounting Plate

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Key Features

- 2x2 Matrix. 2 HDMI ins and 2 HDMI outs
- Supports resolutions up to 4K2K@30Hz or 4K2K@60Hz(YCbCr4:2:0) or 1080P@60Hz(12 bit)
- Supports 3D pass through
- HDMI and HDCP compliant
- EDID copy from output port 1
- Supports IR remote control
- Supports RS-232 Control

Specifications

Function	HDTV-2x2H-4k
HDMI inputs	2 x HDMI Type A Female
HDMI outputs	2 x HDMI Type A Female
IR In	1 x 3.5 mm stereo Jack
RS-232 port	DB9 Female
Baud Rate	9600 bps, 8 data bits, 1 stop bit, no parity
Max Resolution	4K2K@30Hz or 4K2K@60Hz(YCbCr4:2:0) or 1080P@60Hz(12 bit)
Power Adapter	Locking DC 12V 1.5 A
Dimension(LxWxH)	150 x 80 x 25 mm
Weight	310 g

Front View



1. HDMI Input 1
2. HDMI Input 2
3. RS-232

Rear View



1. DC Power adapter
2. IR In
3. HDMI Out 1
4. HDMI Out 2

Top View



1. Tack Switches
2. LEDs
3. IR2

Installation

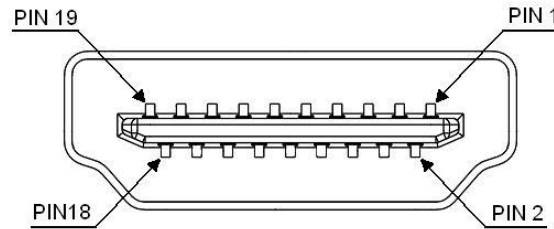
1. Turn off the HDMI source and HDMI Display
2. Connect the cables between the sources and HDMI Input 1 and HDMI Input 2
3. Connect the HDMI cables between the Displays HDMI Out 1 and Out 2
4. Turn on the HDMI sources and displays
5. Select the sources by TACK SW, IR or RS-232

Operations

1. Push the buttons on the top of the unit
 Press OUT 1: Change sources for Output 1
 Press OUT 2: Change sources for Output 2
2. Remote Control
 Press Key "1": Change sources for Output 1
 Press Key "2": Change sources for Output 2



HDMI Technical Specifications



Optional IR Receiver Cable



To install: insert the IR Receiver cable into the iR In port, so it is in the range for the IR remote control

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+		

3. RS-232 Control
Connect the RS-232 cable between the PC and the RS-232 port

Command are as follows,

```
"Switch 1 1" = "OUT1 ->IN1"
"Switch 1 2" = "OUT1 ->IN2"
"Switch 2 1" = "OUT2 ->IN1"
"Switch 2 2" = "OUT2 ->IN2"
"Help"
```