HDMI EXTENDER

AVLINK™

HX-RW
(Remote)

HX-SRW
(Remote)

USER MANUAL V1.0
HX-RW/HX-SRW

Package Contents-

- 1x HX-RW or HX-SRW Remote Unit
- 1 user manual
- 1x Power adapter DC 12V with lock
- 1x IR Blaster Cable(Peak Wavelength 940nm)
- 1x IR Receiver Cable
- 2x screws
- 4x foot pads

Any thing missed, please contact with your vendor.

Features

- Through the HDMI Extender, you can use one source device (HDBaseT output port) to display identical image and extension of HDMI signal up to 100/70 meter on HDTV
- HDCP Compliant
- Supports 3D pass-through
- Supports all frequency band IR control
- One CAT.5 cable extension
- Supports resolution up to 4Kx2K
- HDBaseT technology
- Use CAT.5 cable to install easily

Specifications

Function	HX-RW	HX-SRW
HDMI Out Connector	HDMI A-Type Female x 1	
RJ-45 Connector	1	
IR OUT	3.5ψ Stereo Jack x 1	
IR2 IN	3.5ψ Stereo Jack x 1	
Max. Resolution	4Kx2K	
Cable Distance	100 m	70 m
Power Adapter (Min.)	DC 12V with lock	
Housing	Metal	
Weight	308g	
Dimensions (LxWxH)	150x80x25 mm	

REMOTE FRONT VIEW

1. IR2 IN
2. IR OUT
3. IR1 IN
4. HDCP LED
5. LINK LED
6. MODE LED
7. POWER LED

REMOTE REAR VIEW

1. Power jack (12V DC)
2. LINK (RJ-45 Connector)
3. HDMI OUT
4. F/W UPGRADE

Installation

1. Turn off the source device and HDTV.
2. Connect the HDMI extension cable between the HDTV and the “HDMI OUT” port of HX-RW(or HX-SRW).
3. Connect the CAT.5 cables between the source device (HDBaseT output port) and the HX-RW(or HX-SRW) “LINK” port of extender.
4. Connect the power cord and turn on the extender.
5. Turn on the source device (equipment) and HDTV.

IR Receiver Cable Directions:

Put it into the HX-RW(or HX-SRW) “IR2 IN” port and place the IR Receiver Cable, so that you can point to it easily with your IR remote controller.

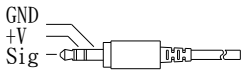
IR Blaster Cable Directions:

Plug IR blaster cable plug into HX-RW(or HX-SRW) “IR OUT” port, It sits in front of the device (equipment) receiver’s IR sensor, which is located on the front-panel.

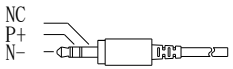
Additional Options

Select any additional options you may require.

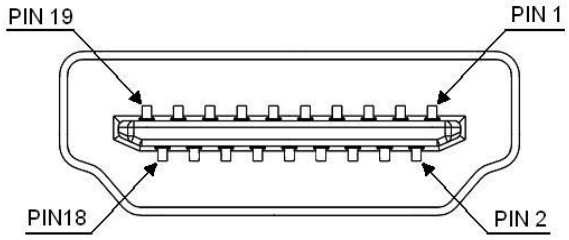
1. IR Receiver Cable



2. IR Blaster Cable



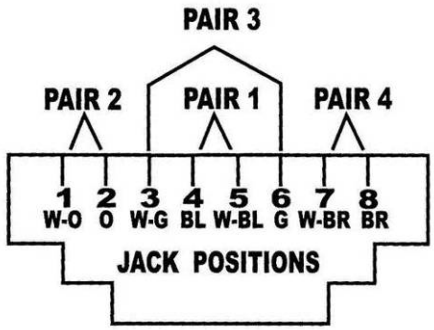
Technical Specifications Output Signal



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

Wiring Information & Coding

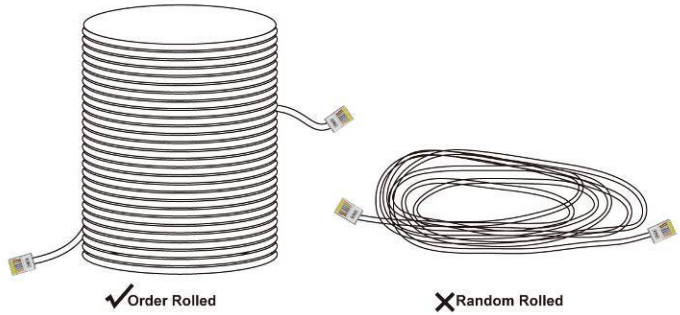
Conductor Identification	RJ45 Pin Assignment	Color Code for Conductor
Pair 1	5	White-Blue
	4	Blue
Pair 2	1	White-Orange
	2	Orange
Pair 3	3	White-Green
	6	Green
Pair 4	7	White-Brown
	8	Brown



Note

However sometimes, especially in demonstrations or in a lab environment, the cable is rolled randomly in small turns for convenience. The randomly rolled UTP cable suffers additional signal impairments (compared to a straight cable) and therefore the maximal operating reach might be reduced.

Rolling a CAT5E cable around a 70cm fixed diameter plastic drum has just a minor effect on the FEXT (Far End Cross Talk) when compared to a fully stretched cable.



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