



# ZIG-HVX-70 / ZIG-HVX-100

## HDMI EXTENDER



ZIG-HVX-70-L/ZIG-HVX-100-L



ZIG-HVX-70-R/ZIG-HVX-100-R

# USER MANUAL

V1.0

## Package Contents-

- 1x Transmitter
- 1x Receiver
- 1 user manual
- 2x Power adapter DC 12V with lock
- 1x IR Receiver
- 4x screws
- 8x foot pads
- 2x captive screw connectors

## Features

- Extend HDMI signal up to 70/100 meter 228/328 Feet by using a single cat-5/6/7
- Supports HDMI 1.4 with 3D function
- Supports HDMI 1.2 and 1.3c
- HDCP Compliant
- Supports 3D pass-through
- Supports CEC pass-through
- Support RS-232(Bi-direction transfer)
- Supports all frequency band IR control(Bi-direction transfer)
- Supports 12-v or 5-volt IR Receiver / Emitter
- Full HD support: 1080p@60Hz, 3D and 4Kx2K
- HD-baseT technology
- Use CAT.5 cable to install easily

## Specifications

Function	Transmitter	Receiver
HDMI In Connector	HDMI A-Type Female x 1	None
HDMI Out Connector	None	HDMI A-Type Female x 1
RJ-45 Connector		1
IR Terminal Block		1
IR OUT	3.5 $\phi$ Stereo Jack x 1	3.5 $\phi$ Stereo Jack x 1
IR IN	3.5 $\phi$ Stereo Jack x 1	On-board x1 3.5 $\phi$ Stereo Jack x 1
Max. Resolution	1080P 60Hz 4K x 2K	
Cable Distance	70/100 m (Max.)	
Power Adapter (Min.)	DC 12V with lock	
Housing	Metal	
Weight	296g	303g
Dimensions (LxWxH)	150x74x24 mm	

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## LOCAL FRONT VIEW



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

## REMOTE FRONT VIEW



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

## LOCAL/REMOTE REAR VIEW



1. Power jack (12V DC)
2. LINK (RJ-45 Connector)
3. HDMI IN(Local)/HDMI OUT(Remote)
4. RS-232

## Installation

1. Be sure to turn OFF your HD source and HDTV.
2. Connect the HDMI extension cable between HD source and the "HDMI IN" port of Transmitter.
3. Connect the HDMI extension cable between the HDTV and the "HDMI OUT" port of Receiver.
4. Connect CAT.5 cables between the Transmitter "LINK" port and the Receiver "LINK" port of extender.
5. Connect the power cord and power up the extender.
6. Turn on your HD source and HDTV.

## IR Receiver Cable Directions:

Plug the IR Receiver into the ZIG-HVX-70-R/ ZIG-HVX-100-R "IR2 IN" port and place the IR Receiver Cable, so that you can point to it easily with your IR remote controller.

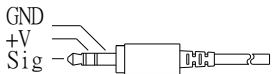
## IR Emitter Directions:

Plug any brand IR emitter into ZIG-HVX-70-L/ ZIG-HVX-100-L "IR OUT" port, and place the IR sensor directly on the device ( IR in window located on the front panel ) which you intend to control.

## Additional Options

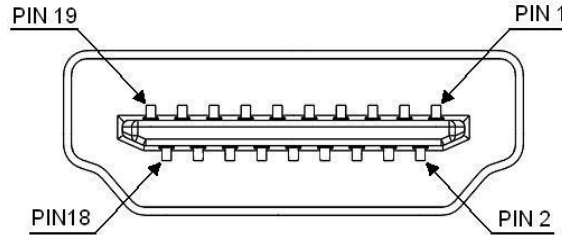
Select any additional options you may require.

1. IR Receiver Cable



**DO NOT PLUG MONO TYPE IR EMITTER INTO "IR-IN"**  
**IR-in is design to be used with IR receivers.**

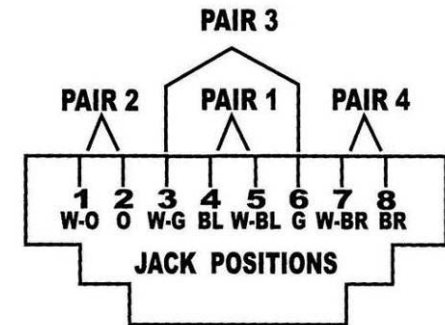
## Technical Specifications Output Signal



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+		

## 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



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