HDMI EXTENDER

HIT-HDMI4K2K-CAT-070W

HIT-HDMI4K2K-CAT-100W

(Local)

HIT-HDMI4K2K-CAT-070W

HIT-HDMI4K2K-CAT-100W

(Remote)

USER MANUAL
HIT-HDMI4K2K-CAT-070W
HIT-HDMI4K2K-CAT-070W

Package Contents-

- 1x Local Unit
- 1x Remote Unit
- 1 user manual
- 2x Power adapter DC 12V with lock
- 1x HDMI 1.2M cable
- 1x IR Blaster Cable(Peak Wavelength 940nm)
- 1x IR Receiver Cable
- 4x screws
- 8x foot pads

Any thing missed, please contact with your vendor.

Features

- Through the HDMI Extender, you can use one DVD to display identical image and extension of HDMI signal up to 70/100 meter on HDTV
- HDCP Compliant
- Supports 3D pass-through
- Supports CEC pass-through
- Support RS-232(Bi-direction transfer)
- Supports all frequency band IR control
- One CAT.5 cable extension
- Supports HDTV up to 4K2K
- HD-baseT technology
- Use CAT.5 cable to install easily
- Cable Distance

Resolution	Cable Type	HIT-HDMI4K2K-CAT-070W	HIT-HDMI4K2K-CAT-100W
1080P(12bit)	Cat5e/Cat6	60M	100M
	Cat6a/Cat7	70M	100M
4Kx2K	Cat5e/Cat6	35M	70M
	Cat6a/Cat7	40M	100M

Specifications

Function	local *-70W	local *-100W	remote *-70W	remote *-100W
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 OUT	3.5ϕ Stereo Jack x 1		None	
IR2 IN	None		3.5ϕ Stereo Jack x 1	
Max. Resolution	4K2K			
Cable Distance	70 m	100 m	70 m	100 m
Power Adapter (Min.)	DC 12V with lock			
Housing	Metal			
Weight	305g		308g	
Dimensions (LxWxH)	150x80x25 mm			

LOCAL FRONT VIEW

1. IR OUT
2. HDCP LED
3. LINK LED
4. MODE LED
5. POWER LED

LOCAL REAR VIEW

1. Power jack (12V DC)
2. LINK (RJ-45 Connector)
3. HDMI BYPASS(Only local *-100W)
4. HDMI IN
5. RS-232

REMOTE FRONT VIEW

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

REMOTE REAR VIEW

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

Installation

1. Turn off the DVD and HDTV.
2. Connect the HDMI extension cable between the DVD and the “HDMI IN” port of local unit.
3. Connect the HDMI extension cable between the HDTV and the “HDMI OUT” port of revote unit.
4. Connect the CAT.5 cables between the local unit “LINK” port and the “LINK” port of extender.

5. Connect the power cord and turn on the extender.
6. Turn on the DVD and HDTV.

※When remote unit *-100W is in BYPASS mode the LINK port should be left unused.

IR Receiver Cable Directions:

Put it into the remote unit “IR2 IN” port and place the IR Receiver Cable, so that you can point to it easily with your IR remote controller.

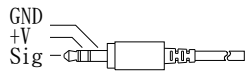
IR Blaster Cable Directions:

Plug IR blaster cable plug into local unit “IR OUT” port, It sits in front of the DVD receiver’s IR sensor, which is located on the front-panel.

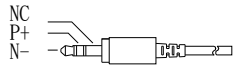
Additional Options

Select any additional options you may require.

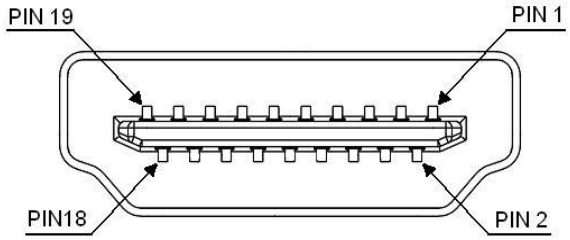
1. IR Receiver Cable



2. IR Blaster Cable



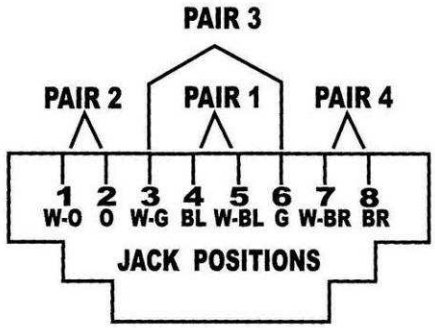
Technical Specifications Output Signal



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+		

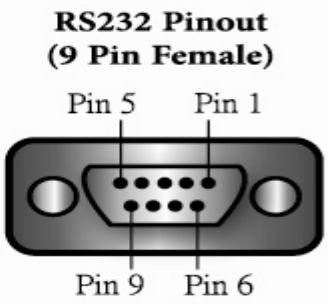
Wiring Information & Coding

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



RS232/D-Sub 9 Pin Definitions

Pin 1	N/C
Pin 2	TxD (Data Out)
Pin 3	RxD (Data In)
Pin 4	N/C
Pin 5	GND
Pin 6	N/C
Pin 7	N/C
Pin 8	N/C
Pin 9	N/C



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.