

HDBT-1-E FRONT VIEW



1. DC 12 V Input w/ Locking
2. LINK OUT (RJ45)
3. HDMI Input
4. RS232 Input

HDBT-1-E REAR VIEW



1. IR Output
2. HDCP Indicator
3. LINK Indicator
4. POWER Indicator

HDBT-1-R FRONT VIEW



1. DC 12 V Input w/ Locking
2. LINK IN (RJ45)
3. HDMI Output
4. RS232 Output

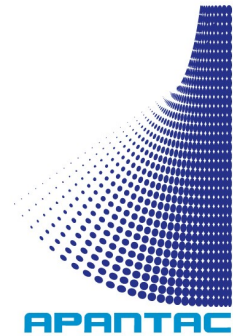
HDBT-1-R REAR VIEW



1. IR Input
2. IR Input
3. HDCP Indicator
4. LINK Indicator
5. POWER Indicator

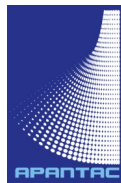
Specifications

FEATURES/ MODEL	HDBT-1-E	HDBT-1-R
HDMI In	1 x HDMI A-Type Female	None
HDMI Out		1 x HDMI A-Type Female
RJ-45	1	1
IR OUT	3.5 mm phone jack	None
IR IN	None	3.5 mm phone jack
Max Resolution	1080p 60Hz	1080p 60Hz
Cable Distance	100 meters (Max)	100 meters (Max)
Power Adapter	12 V DC	12 V DC
Weight g)	310g	310g
Dimension (mm)	150 W x 80 x D 25 H	150 W x 80 x D 25 H



HDBT-SET-1 USER MANUAL

**HDMI Extender/Receiver
based on
HDBaseT Technology**



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Package Contents

- 1 x HDBT-1-E
- 1 x HDBT-1-R
- User Manual
- 2 x Power Adapters (12V)
- 1 x IR Blaster Cable
- 1 x IR Receiver Cable
- Magnetic Mounting Plate
- Mounting Screws

Accessories



Power Adapter



IR Receiver Cable



IR Blaster Cable



Mounting Screws

Features

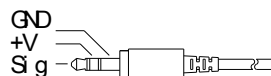
- Uses the latest HDBase-T technology
- Extends 1080p signals up to 330 feet (100 meters) with a single CATx cable
- Supports HDMI 1.4 with 3D function
- Supports HDMI 1.2 and 1.3a
- HDCP Compliant
- Supports 3D pass-through
- Supports CEC pass-through
- Supports RS-232 (Bi-directional transfer)
- Supports all frequency band IR control

Installation

1. Turn off the source (ex: DVD Players) and the HDTV monitor.
2. Connect the HDMI cable between the source and the <HDMI IN> port of the HDBT-1-E.
3. Connect the HDMI cable between the HDBT-1-R between the monitor and the <HDMI OUT> port of the HDBT-1-R.
4. Connect the CATx cable between the HDBT-1-E and HDBT-1-R's <LINK> port.
5. Connect the power.

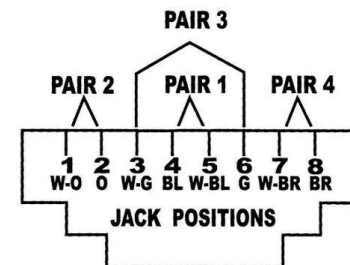
IR Receiver Cable

- Insert the IR receiver cable into the HDBT-1-R's <IR2 IN> (so you can point to it easily with your IR remote control).



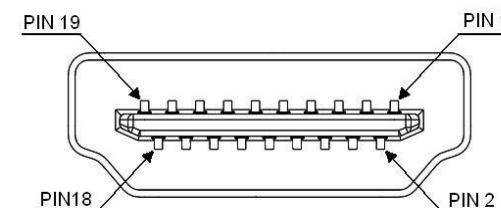
IR Blaster Cable

- Insert IR blaster cable into HDBT-1-E <IR OUT> port.
- Locate it close to the IR receiving sensor on the source (ex: DVD player).



CATx Wiring

Identification	Pin Assignment	Color Code
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



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+		