User Manual

TBL-70BT

HDBaseT 70m table socket

Version: V2017.001

Contents

1. Introduction

TBL-70BT is a 2 inputs transmitter, it can transmit the HDMI/ VGA+3.5mm signal up to 70m(230ft) with one single Cat5e/6/7 cable. When transmitting the VGA signal, it will convert the analog signal to digital signal to any displays. With HDMI input port, it realizes digital to digital transmission.

It's using HDBaseT technology to transmit, realize video and audio high fidelity transmission, avoid the signal losses during the transmission. Transmitted by one single cable to save the cable installation problem and save costs.

2. Features

- Support HDMI/ VGA+3.5mm input
- IR remote control work with USB to upgrade frame
- Support AC 110V-260V 50/60Hz power input
- Support AC 110V-240V 50/60Hz power output
- Support Ethernet pass-through
- Throug HDBaseT port to transmit the Audio and Video signal, the bandwidth can be 20Gpbs
- LED indicator to observe connection status
- DIP switch to adjust the screen resolution
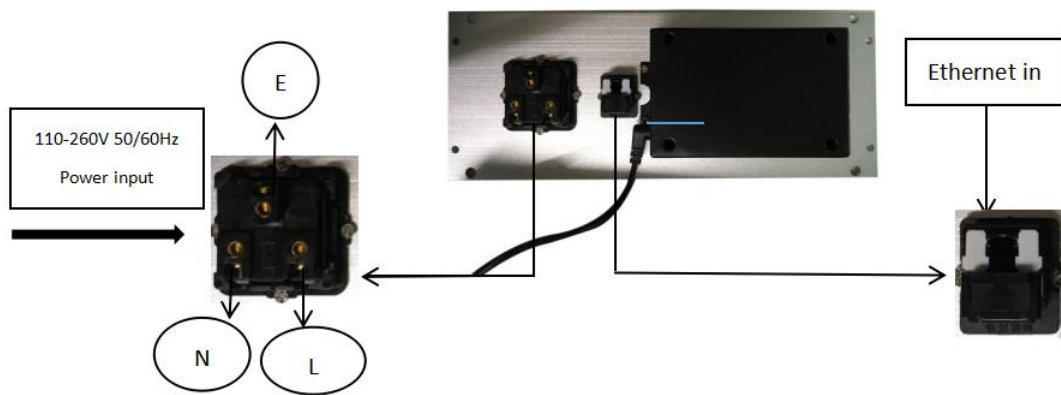- Embedded designing, convenient to install and adjust

3. Specification

Part Number	TBL-70BT
Inputs	VGA+3.5mm audio, HDMI
Outputs	HDBaseT output(RJ45)
Protocol	HDCP, EDID management
Transmit Distance	70m(220ft)
Resolution	Up to 1080P 50/60Hz
Dimension	202*122*171mm
Installation Size	202*122*R6mm
Weight	3KG
Power supply	AC 110V-260V 50/60Hz,　110V-240V 50/60Hz
Working Temp	-10℃―50℃
Storage Temp	-25℃―55℃
Working Humidity	10%-90%

4. Packing

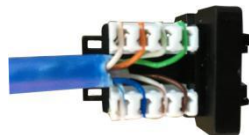| TABLE-HDBT-70T	1	pcs
Power cord	1	pcs

5. Installation

(1) First please take off the cover which is connect by the 6 magnetic

(2) Loose off the screw

(3) Please follow below step to well get the power cord and Ethernet connected.

(4) Well get the power supply cord connect as configure 1-4.

(5) Using a Cat5e/ 6 to get the Ethernet connected as configure 1-5
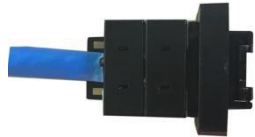
(6) Ethernet cable connection ways:
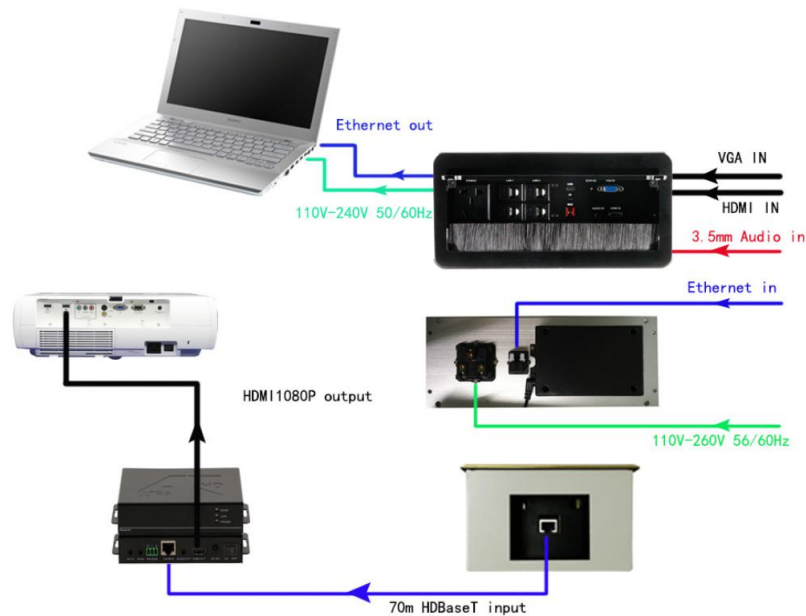

Take off the cover with the tool first

Get the wires put into the slots. Be ware of the different connection types.

Blue-White	Orange-white	Type A	Type B	Blue-White	Green-white
Blue	Orange			Blue	Green
Brown-white	Green-white			Brown-white	Orange-white
Brown	Green			Brown	Orange

	Get the 2 covers back onto the slots

6. Connection Diagram

7. Operation

(1) Power on the equipment, and check the signal indicator

(2) If the connection is correct, then user can plug in the VGA/ HDMI to work.

(3) Signal convert to HDBaseT output, it can work with an HDBaseT receiver or HDBaseT equipment

(4) The 110V-240V output from the Wall plate can provide users a convenient way to charge the laptops and so on devices

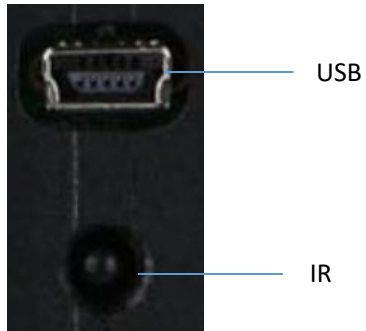(5) DIP switch can adjust the resolution to work with different needs

 ON stand for "0", number 1, 2, 3 stands for "1", then the corresponding resolution will be as below:

D1	D2	D3	Description
0	0	0	1024*768
0	0	1	1360*768
0	1	0	1920*1200
0	1	1	720P/60
1	0	0	Null

1	0	1	Null
1	1	0	1080P/50
1	1	1	1080P/60

(6) USB port to work with remote to upgrade the frame

USB

IR

9. Version Information

Description of version（Document number：TABLE-HDBT-70T）		
Date	Version number	Description
Dec 2016	V1.01.01	First version