A 4832

AUDIO VIDEO CONNECTION SOLUTION PRODUCT(CSP)

FEATURES:

* Design Transceiver and Receiver in one Module
* Blue LED Indicates Module is Power up
* Provides the Power to all Connected CSP products
* Daisy chain topology

Transmitter:

* Unbalanced Stereo RCA Input from Audio Source
* Balanced 3.5 Jack Audio Input from Mono Amplifier
* Sends Stereo Audio Channels by Pair B and C
* Sends Mono Source by both Pair B and C
* Distributes Audio Signal to Each of RJ45 Outputs

Receiver:

* CSP Receiver Compatible with 2 Pair Transceivers such as UT2111A
* Two RCA Stereo Unbalanced Outputs
* Pair B goes to L (Left) Output; Pair C goes to R (Right) Output

USAGE:

UBTR3242A is designed to combine with Transceiver and Receiver in one module.
The Transceiver (left part) is that accepts either Unbalanced Stereo RCA input or a Mono 3.5mm jack Input (1~3W Mono amplified signal). Distributes the signal to both RJ45 Outputs to all connected CSP Receivers (For example UR2212A or UH1822A, etc). UBTR-3242A uses the Pair B and C of UTP CAT5 cable to deliver the Left and Right channel signal. If Mono signal provides to 3.5mm jack, the signal will go to both Pair B and C.

The Receiver (right part) is that accepts the signal from other CSP transceiver (for example UT2111A) to RJ45 Input jack. Pair B and Pair C of UTP Cat5 cable received the Audio signals and to two RCA Stereo Outputs. These outputs connect to amplifiers, the AUX input of TV, or the input of audio device.

Note: The Transceiver (left part) and Receiver (right part) of UBTR-3242A are separate parts, the 3.5mm/RCA input audio signal from the left part will not go to the RCA outputs at the right part.

The compact design of UBTR-3242A is ideally for many applications and locations, basically is good for fixing behind the flat TV and it is easily to get the AC power. When 24VDC provided to UBTR-3242A, the Blue LED on the front panel will light on, and presents the DC power on all RJ45 Outputs. This will provide the DC power to all the connected CSP products. If the DC power fault on one of RJ45 Outputs, the blue LED will be off.

SPECIFICATION:

Transmitter

Input Connection: 3.5mm Jack (Balanced), RCA Jacks (Unbalanced)
Input Impedance: 20 kΩ Unbalanced, 100 kΩ Balanced
Twisted Pair Used: B, C pairs
Input Level: -10 dBV(Unbalanced)
1W (8 Ohms) to 10W (8 Ohms) Balanced, 2W nominal
Output Connector: CSP UTP RJ45
THD+N: < 0.05%
Frequency Response: 20 Hz ~ 20 KHz
Crosstalk: <-80dB

Receiver

Input Connection: CSP UTP RJ45
Output Connection: RCA jacks
Output Impedance: 100 Ω Unbalanced
Twisted Pair Used: B, C pairs
THD+N: < 0.005%
Frequency Response: 20 Hz ~ 20 KHz
Crosstalk: <-90dB
Power Requirement: 24VDC, 35mA
Dimensions: 162.9mm x 69.8mm x 27.3mm (WxHxD)

INSTALL:

1: Connecting all the audio sources to the RCA input/outputs or 3.5mm mini jack input.
2: Plug in UTP CAT5 cable to one or both RJ45 Outputs and RJ45 Input, and then connect to all the CSP products.
3: Apply 24VDC to DC jack, the blue LED on the front panel will be illuminated. Fix the module at the properly location.