

AUDIO CONNECTION SOLUTION RODUCT(CSP)

UN-SHIELD TWISTED PAIR(UTP) RECEIVER Models UT2212AB, UT2212AW



- * RCA Jack Audio Inputs
- * L(Left) input goes to Pair B, R(Right) input goes to Pair C.
- * Signal and Power Pair Pass-Through on RJ45s
- * Power can be linked to the removable terminal
- * Blue LED Indicates Module is powered
- * Daisy chain topology

USAGE:

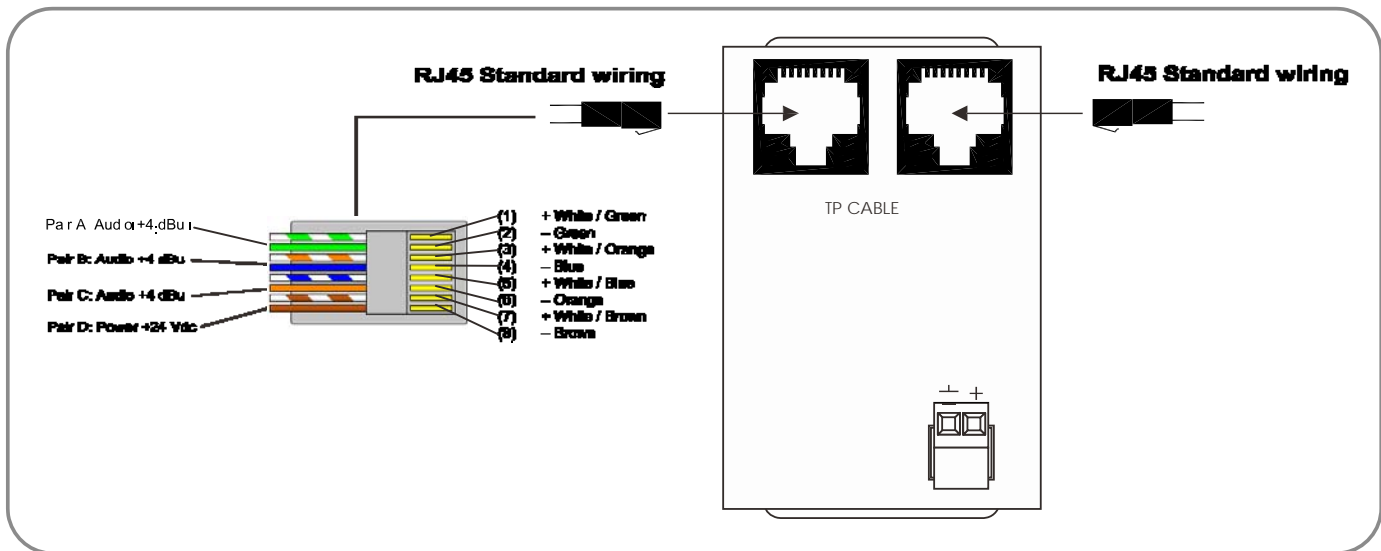
UT2212A module designed in accepts Audio Line input by connecting RCA jacks. The Unbalanced inputs accept to receive standard Line level signals. UT2212A uses two pairs of CAT5 cable, pair B drives the signal from Left channel and pair C drives the signal from Right channel. Therefore, UT2212A could be connected with another single pair of CSP Transceiver by using the additional RJ-45 jack on the rear panel, and accepts the signal and the DC power. The connected Transceiver must be set to use pair A.

UT2212A module could be powered from a 24VDC power supply by using the rear panel terminal block, and the power also could be provided to all the connected modules by Pair D. UT2212A may be powered from other modules through the Pair D of UTP CAT5 cable. When the power is supplied to this module, front panel LED will light on.

NOTE: UT2212A needs the DC power to operate, and there is no DC power input terminal block. The power needs to come from another transceiver or receiver module.

INSTALLATION

1. Apply 24VDC to the terminal block. Or apply power from another module by UTP CAT5 cable. The blue LED on the front panel will be illuminated when this module is powered.
2. Plug in UTP CAT5 cables and fix the module in the mounting box.
3. Connecting the Audio source device to RCA jacks.



SPECIFICATIONS:

Inputs : 10 k Ω Unbalanced

Input Connection: RCA

Input Level: -10 dBV Unbalanced; +10 dBV Maximum

Gain: 12 dB

Input: RJ45 (From CSP products)

Output Connection: RJ45

Frequency Response: 20 Hz to 50 KHz (+/- 0.5 dB)

THD+N: < 0.05% (20 Hz to 50 KHz); < 0.005% (1 KHz)

Noise below +4 dBu: < -95 dB

Crosstalk: < 90 dB (1 KHz); < 75 dB (20 Hz ~ 20 KHz)

Headroom above +4 dBu: > 18 dB

Indicator: DC Power Present

Power Connection : Detachable Terminal Block or RJ45

Power Requirement: 24 VDC @ 65 mA plus connected loads

Maximum Load Current: 135 mA

Dimensions: 44 mm(W) x 66.5 mm (H) x 4.0 cm (D)