INSTALLATION INSTRUCTIONS

CPLTCX
Optical to Coaxial Digital Audio Coupler

DESCRIPTION

Xantech's digital audio signal converter is an easy to install, clean approach to converting S/PDIF digital audio signals from optical to coaxial format. Combine with the Xantech Coaxial to Optical Digital Audio Coupler (CPLCT)* to provide a long distance alternative using lower cost coaxial cable instead of optical cable.

You will need an EIAJ optical cable (Toslink)* and a coaxial cable* with RCA style ends. The length should be based on your application.
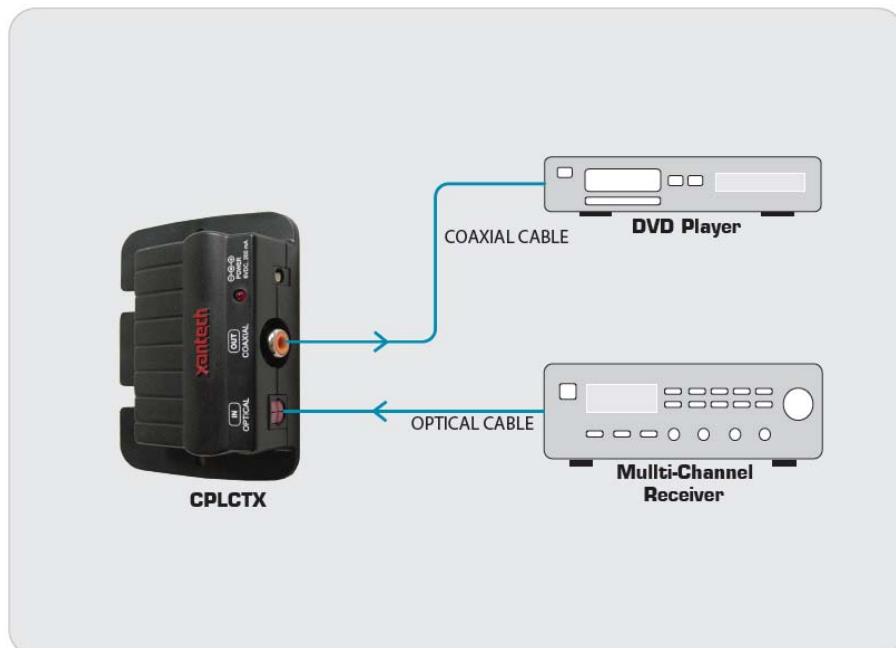* *sold separately*

SPECIFICATIONS

- Power supply, 6VDC, 200mA (included)
- Size: 2-1/4" (W) x 3-1/4" (L) x 7/8" (H)

INSTALLATION

[1] Connect one end of the optical cable (Toslink) to the output port on the source component (DVD, CD player, etc.). Connect the opposite end to the CPLTCX device.

[2] Connect one end of the coaxial cable to the input port (Digital receiver, digital audio distribution device). Connect the opposite end to the CPLTCX device.

[3] Connect the power supply to the CPLTCX. A red pilot indicates the CPLTCX is active for use.

ADVANCE INSTALLATION – MATRIX DISTRIBUTION

[1] Connect one end of the optical cable (Toslink) to the output port on the source component (DVD, CD player, etc.). Connect the opposite end to the CPLTCX device.

[2] Connect one end of the coaxial cable to the input port of the digital audio distribution device (In this case, an HD44CC5). Connect the opposite end to the CPLTCX device.
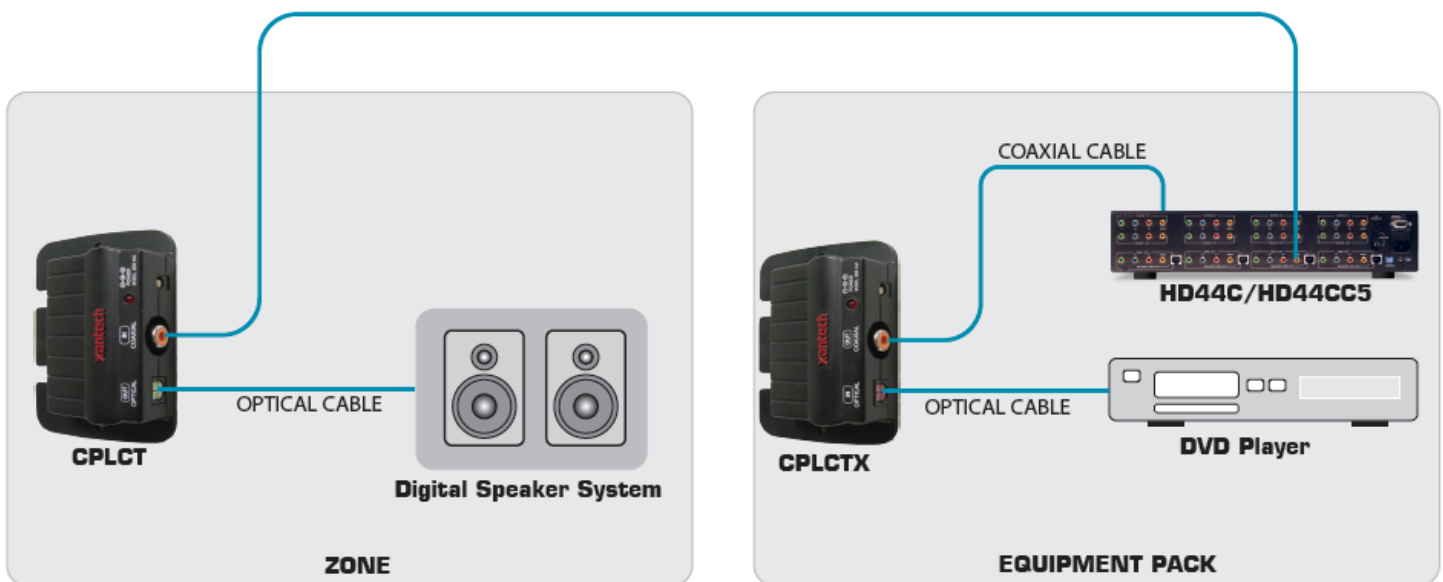
[3] Connect one end of the optical cable (Toslink) to the input port of the digital speaker system. Connect the opposite end to the CPLCT device.

[4] Connect one end of the coaxial cable to the output port of the digital audio distribution device (In this case, an HD44CC5). Connect the opposite end to the CPLCT device.

[5] Connect the power supply to the CPLTCX. A red pilot indicates the CPLTCX is active for use.

[6] Connect the power supply to the CPLCT. A red pilot indicates the CPLCT is active for use.

[7] System is now ready for use.

ADVANCE INSTALLATION – COAXIAL RUN

[1] Connect one end of the optical cable (Toslink) to the output port on the source component (DVD, CD player, etc.). Connect the opposite end to the input port of the CPLTCX device.

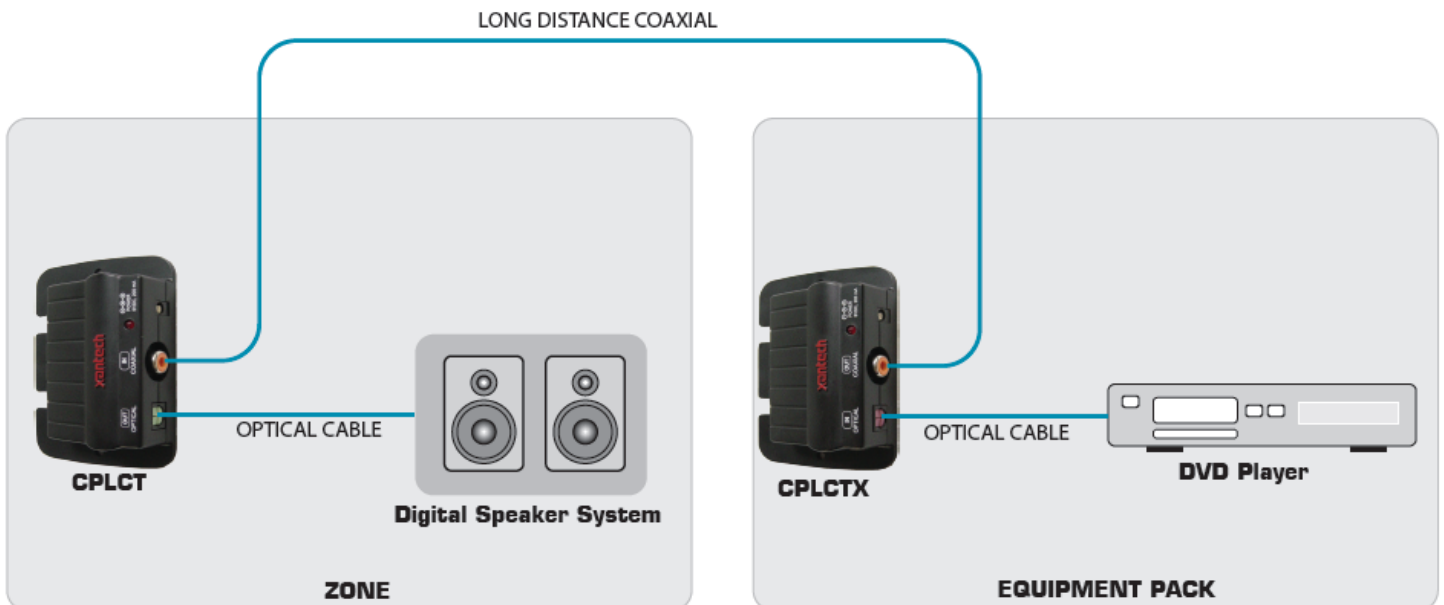[2] Connect one end of the coaxial cable to the output port of the CPLTCX device.

[3] Connect one end of the optical cable (Toslink) to the input port of the digital speaker system. Connect the opposite end to the output port of the CPLCT device.

[4] Connect one end of the coaxial cable to the input port of the CPLCT device.

[5] Connect the power supply to the CPLTCX. A red pilot indicates the CPLTCX is active for use.

[6] Connect the power supply to the CPLCT. A red pilot indicates the CPLCT is active for use.
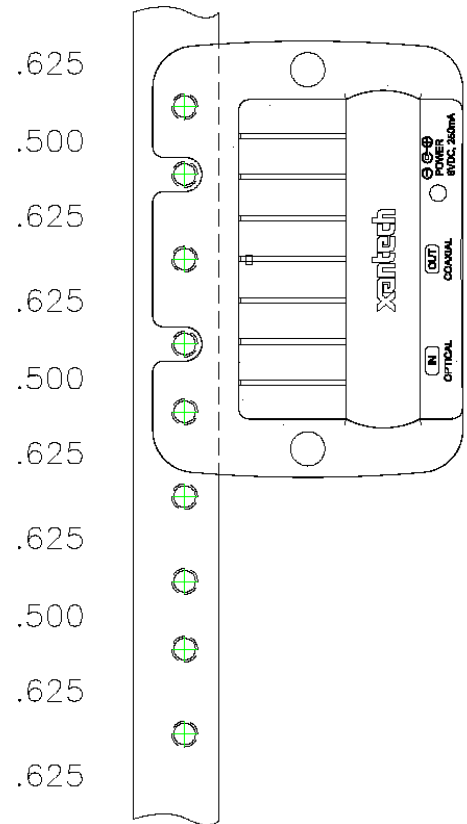
[7] System is now ready for use.

MOUNTING

The CPLTCX can be mounted several ways.

[A] The large base area is perfect for Velcro or double-sided foam adhesive.

[B] Two side screws can also be used for mounting.

[C] Side tabs with 1.25" spacing is convenient for rack mount applications.

xantech

Xantech Corporation
13100 Telfair Avenue, 2/F
Sylmar, CA 91342

Phone: (818) 362-0353, Fax: (818) 362-9506

Instructions, CPLTCX © 2007 Xantech Corporation

Document Number 08905095 Rev A