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CT-CATTX / CT-CATRX
Component HD Video Over Cat5 Distribution Hubs

Product Description

The CT-CATTX and CT-CATRX are used in unison to distribute component video, digital audio and analog audio over two Cat5 4 pair UTP cables. The units both support external IR control units. Formats as advanced as 1080i can be transmitted up to 300 feet over Cat5 and as far as 500 feet over Cat6.

The **CT-CATTX** has one set of RCA inputs and one set of RCA loop-through connectors to go to an additional transmitter if installed. The unit allows any audio / video source with Y, Cb, Cr or Y, Pb, Pr outputs (component) to distribute audio and video to distant locations with excellent picture quality. This unit will also support digital audio.

The **CT-CATRX** supports one monitor with component video, right and left audio and digital audio. The RX has an adjustable equalizer to correct for signal loss caused by long cables. An optional external IR system can be used with IR jacks.

CT-CATTX

CT-CATRX

Features:

- Supports component HDTV video, analog audio, digital audio and external infrared systems
- Capable of transmitting 1080i signals up to 300' over Cat5 and 500' over Cat6
- More convenient than running 5 separate coaxial cables
- Maintains original A/V signal strength for distribution
- Supports 480i, 480p, 720p, 1080i & 1080p resolutions

VIDEO SPECIFICATIONS

Nominal Input Level:	1 Volt Peak to Peak
Gain	1 Volt Into 75 Ohms
Input Impedance:	75 Ohms +/-5%
Output Impedance:	75 Ohms +/-5%
Port to Port Isolation:	>65 dB
Out to In Isolation:	>80 dB
Return Loss:	>30 dB
Video Bandwidth:	>75 MHz
Distance:	300 Feet @ 1080i
	500 Fee Using Cat6

ANALOG AUDIO SPECIFICATIONS

Nominal Input Level:	1 Volt Peak to Peak
Gain:	Unity
Input Impedance:	22K Ohm
Output Impedance:	1K Ohm
Frequency Response:	20 Hz to 100 kHz
Signal to Noise:	80 dB @ 1 Volt (out)

DIGITAL AUDIO

Supports standard SPDIF digital audio.

POWER SPECIFICATIONS

External 9 Volt AC @ 600 mA with a 2.1mm center coaxial connector (included)