

C5T6

HIGH DEFINITION VIDEO/AUDIO
TRANSMITTER/RECEIVER HUB

HD Component CAT5 Hub



*works in conjunction with the CAT5RX receiver (sold separately)

high
performance



3209 Wood Drive
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PROGRADE

Six Output HD Component & Audio CAT5 Distribution

Distribute high definition component or composite video and digital or left or right audio over extended distances using CAT5 wire.

FEATURES

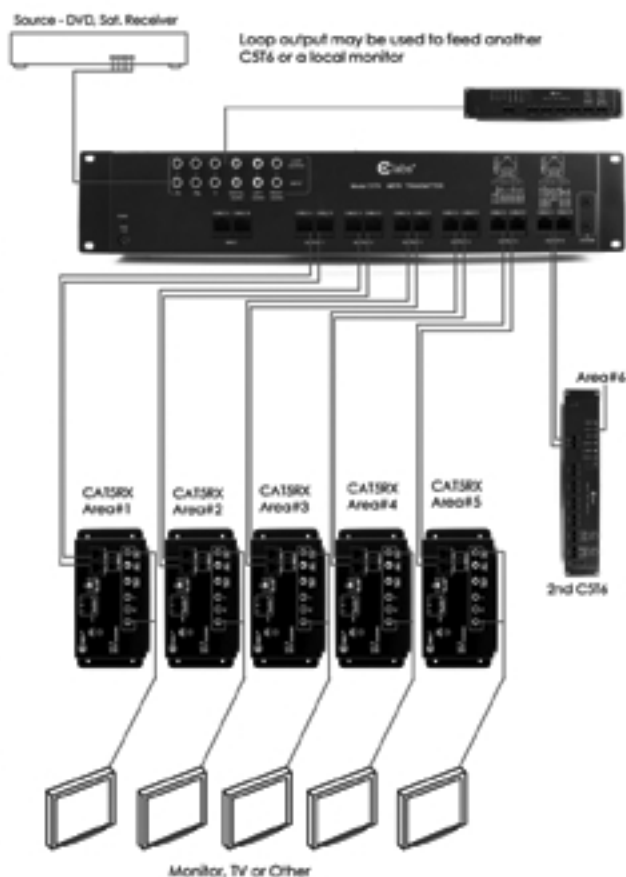
- Active amplification ensures high quality transmission
- Loop output for use of additional CAT5 transmitters
- Six CAT5 outputs for additional locations (requires 2 cables per location)
- Discrete passive IR channel for the use of external IR remote control systems
- Balanced or un-Balanced inputs for maximum versatility
- Integrated rack mount ears

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HD Video & Audio Distribution Hub

Distribute high definition component or composite video and digital or left and right audio over extended distances using CAT5 wire. Video & audio loop output to accommodate future expansion to additional CAT5 transmitters and receivers.



Performance Specifications and Features:

Video (All channels including Component and CAT5)

Normal input level:	1 Volt peak to peak
Gain:	1 Volt into 75 ohms (2 Volts Unterminated)
Input Impedance:	75 ohms Component in 100 ohms twisted pair input
Output Impedance:	75 ohms loop out 100 ohms twisted pair output
Isolation port to port:	>45 dB
Isolation out to input:	>65 dB
Return loss:	>20 dB
Video Bandwidth:	>75 MHz
Distance:	Maximum distance varies between 400 feet to 500 feet depending upon the type of cable used, type of receiver, and video resolution.

3 composite video signals may be substituted on the individual component video inputs (1000 Ft. max).

Audio Analog:

Nominal input level:	1 Volt peak to peak
Gain:	Unity (slightly reduced at max. cable length)
Input Impedance:	22K ohm Audio IN 100 ohms twisted pair IN
Output Impedance:	1K ohm on Loop Out 100 ohms twisted pair Out
Frequency Response:	20 Hz to 100 KHz
Signal to Noise:	80 dB @ 1 Volt Out

Digital Audio

Supports standard SPDIF digital audio. Unity Gain when terminated into 75 Ohms. (Composite Video is supported on this port.)

Power

Requirement: External 9 or 10 Volt AC @ 1200 mA (2.1 mm center) with a coaxial barrel connector (Power Supply is included).



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