

# CAT5 High Definition Transmitter/Receiver

## KEY FEATURES



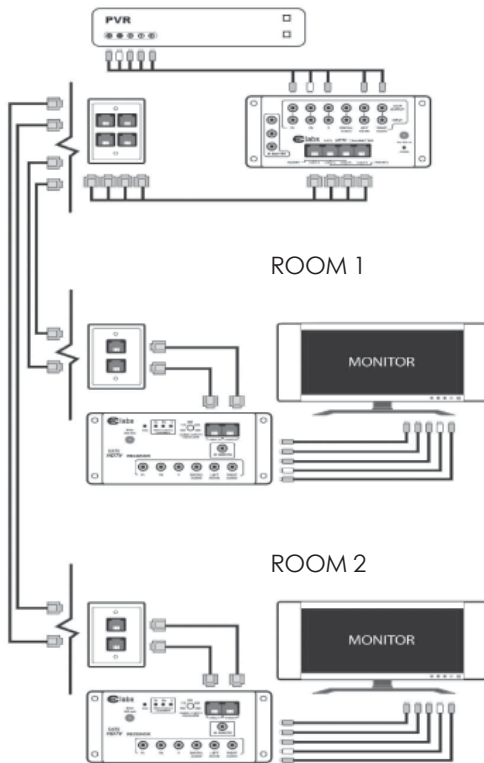
Distribute high definition component or composite video and digital or left and right audio over extended distances using CAT5 wire.

### CAT5 TX - Transmitter

- Active amplification ensures high quality transmission
- Loop output for use of additional CAT5 transmitters
- Second CAT5 output for additional location
- Discrete passive IR channel for the use of external IR remote control systems

### CAT5 RX - Receiver

- Cable length equalizer for long distances
- Video continuity LEDs to ensure all signals are transmitting
- IR port



## SPECIFICATIONS

### Video:

Nominal input level:	1 Volt peak to peak
Gain:	1 Volt into 75 ohms (2 Volts Unterminated)
Input Impedance (CAT5 TX):	75 ohms
Output Impedance (CAT5 RX):	75 ohms
Isolation port to port:	>65 dB
Isolation output to input:	>80 dB
Return loss:	>20 dB
Video bandwidth:	>50 MHz (HDTV requires 37 MHz min.)
Distance:	>500ft @ 1080i (1000ft with CAT6 cable) 3 composite video signals may be substituted on the individual component video inputs (1000ft max.)

### Audio (Analog):

Nominal input level:	1 Volt peak to peak
Gain:	Unity (slightly reduced at max cable length)
Input Impedance:	22K ohms
Output Impedance:	1K ohms
Frequency response:	20Hz to 20KHz
Signal to Noise:	80 dB @ 1 Volts out

### Audio (Digital):

Supports Standard SPDIF digital audio.

### Power:

Requirements:	External 9 Volt AC @ 600 mA with (2.1 mm center) Coaxial connector Power supply is included
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**Note:** Composite video may be used for security or with standard monitors

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