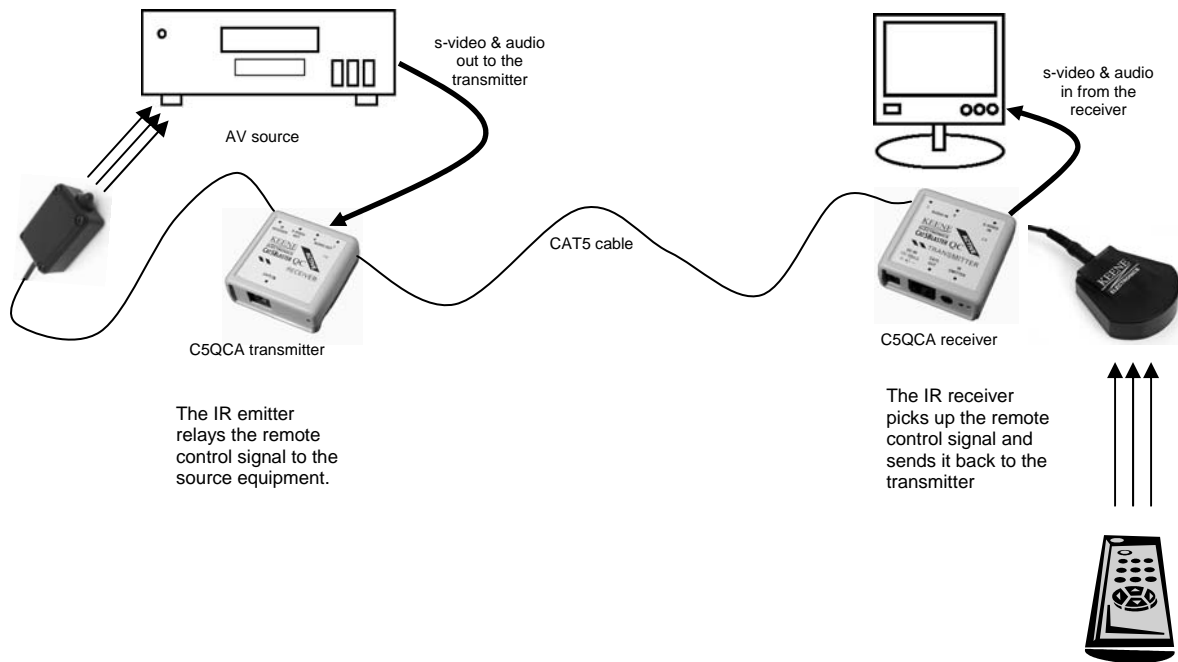


Overview

The Cat5Blaster QC Active is an easy to install system that enables high quality video and audio to be distributed over long distances using inexpensive network cable (CAT5 unshielded twisted pair). The active system allows Infra Red commands to be sent from the receiver back to the transmitter for equipment control. It can carry s-video plus two audio channels. The Cat5Blaster QC is supplied as a pair, the transmitter unit is powered whereas the receiver is line powered and needs no external power source.

Connection



Note: The Cat5 cable used for connecting the Cat5Blaster must be used solely for that purpose. All of the connectors within the Cat5 cable are used and it is important that it is not accidentally connected to any other computer or telephone equipment.

Cabling

Run the Cat5 cable from the location of the transmitter to the location of the receiver. Use standard Cat5 cabling practice (pin1 to pin1 without any crossovers) and terminate the cable in a standard wall plate (such as [UTPSP] or similar). The Cat5Blaster transmitter and receiver can then be connected to the wall plate using a std patch (not crossover) cable such as PLB05 or similar).

Connecting your AV equipment to the Transmitter

The QC system uses an s-video socket for the video input/output and RCA phono for the audio. The IR receiver simply plugs into the labeled socket on the receiver and may be positioned wherever is convenient to receive signals from your remote control. The IR emitter plugs into the labeled socket in the transmitter and should be positioned such that the signal is able to control the source Av equipment. The emitter socket may be connected to the input of a Keene IRBKIT or IRCOMMANDER if required in order to control a wider range of equipment and to accommodate more awkward installation situations.

Maximum CAT5 cable lengths

The maximum recommended distance from the transmitter to the receiver is approximately 100m. For lengths in excess of this distance we recommend using the Cat5Blaster powered system. (The actual distance may vary slightly depending upon which video mode is being used).

Equipment list

- 1 x C5QCA transmitter
- 1 x Mains power supply (note receiver does not need an external power source)
- 1 x C5QCA receiver
- 1 x IR receiver IRSR
- 1 x IR emitter wand IRLPW

Optional extras you might find useful;

- [KBL23] CAT cable
- [IRBKIT] IR distribution amplifier
- [IRC] IR commander IR distribution amplifier

Please see www.keene.co.uk for details of other CAT5 products