

Receiver heads receive the infrared remote control signals and convert them into electrical signals that are transmitted down a single twisted pair (in Cat5 this is pair 4) to the *Catlink* Distribution hub.

A special feature of *Catlink* Receiver Head design is that a single pair is used both for powering receiver heads and sending signals to the Distribution Hub.

This leaded version of the receiver head is designed to be mounted on television/flat panel or item of furniture and is attached by use of the supplied adhesive velcro pad.

CATLINK receiver head

PART# CL-IRM0338



Equipped with a blue 'Talk-back' indicator light which flashes whenever infrared signals are received. Leaded Receiver heads are supplied with 1.5 meters of cable and are terminated with a RJ45 jack to pair#4 (pins 7 & 8). This is designed to plug into a Catlink wired RJ45 wall socket or directly into a Catlink Hub.

These IRM03 series Catlink Receiver heads offer full "Sunlight friendly" (can operate in direct sunlight) functionality and pass fully modulated IR signals to the hub to maximise compatibility with difficult to repeat IR signalling and also has enhanced noise rejection capability for improved operation within close proximity of large plasma and LED panels.

Specifications

Part Number

CL-IRM0338

Typical Reception Range

>4 meters in ambient light conditions.

May reduce in bright sunlight conditions or areas of high interference depending on installation arrangement.

Rated "Sunlight Friendly" & "Plasma Compatible"

Angle of operation

Typically over +/-60° from direct in front

IR BP Centre Frequency

38kHz

IR Modulation Bandwidth

30kHz ~ 60kHz

Lead length

1.5 meters

Model identifier

White coloured sleeving at plug end of cable