

# xantech

## HL85K

### Hidden Link™ Shelf Top Plasma\LCD\LED\CFL Friendly IR Receiver



Included



The Hidden Link IR Receiver is a small shelf-top infrared repeater assembly. It includes an IR receiver, a 789-44 Connecting Block, a Power supply, and 4 283D emitters. The Hidden Link IR Receiver is equipped with a 7-foot cable and a 3.5mm stereo mini plug, which is plugged directly into the "IR RCVR" jack on the 789-44. It can also be plugged into the "AUX" or "IR RCVR" jack of other Xantech connecting blocks, such as the models CB12, CB60, and 791-44. The Hidden Link IR Receiver is primarily intended for use in installations where the connecting block is within reach of its 7-foot cable – as when installing the Hidden Link IR Receiver in a cabinet where the controlled equipment is behind closed doors.

## FEATURES

- Very small package, only 2.00"L x 3.15"W x 0.70"H.
- System testing red-talk-back LED.
- Includes 789-44 Connecting Block, Power supply, and four 283D emitters for easy system installation.

## SPECIFICATIONS

- Infrared carrier frequency bandwidth: 25 – 60 kHz.
- Reception range: Up to 80 feet, depending on remote control output strength and ambient conditions.
- Nominal reception angle: 55 degrees off axis.
- Cable requirements: See "INSTALLATION INSTRUCTIONS".
- Max. transmission length: 1 mile using 18 gauge wire.
- Maximum current output: 100mA
- Drives IR emitters through Xantech Connecting Blocks, Controllers, etc.
- Dimensions: 2.00"x3.15"x0.70" (51mm x 80mm x 18mm)
- Power requirements: +12VDC, 20mA.



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**DL85K**

## Dinky Link™ Surface Mount Plasma\LCD\LED\CFL Friendly IR Receiver



These small IR receivers have been designed for mounting in very small spaces. They may be mounted under shelf edges, cabinet ledges, in wall speakers, etc. – anywhere an inconspicuous appearance is desired. The high sensitivity of these receivers allows placement behind speaker grilles and still receive IR commands up to 80 feet away.

Included



### FEATURES

- Wire channel for clean installation.
- System testing red-talk-back LED.
- Includes 789-44 Connecting Block, Power supply, and four 283D emitters for easy system installation.

### SPECIFICATIONS

- Infrared carrier frequency bandwidth: 25 – 60 kHz.
- Reception range: Up to 80 feet, depending on remote control output strength and ambient conditions.
- Nominal reception angle: +/- 60 degrees.
- Cable requirements: See "INSTALLATION INSTRUCTIONS".
- Max. transmission length: 1 mile using 18 gauge wire.
- Maximum current output: 100mA
- Drives IR emitters through Xantech Connecting Blocks, Controllers, etc.
- Dimensions: 2.55" x 0.55" x 0.35" (65mm x 14mm x 9mm).
- Power requirements: +12VDC, 20mA.

### MOUNTING

The IR receiver can be mounted to any flat surface, using the two-sided adhesive tape supplied. An additional feature is a wire channel on the rear of the surface mount IR receiver. This will give the installer the ability to provide clean wire dressing in any direction.



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## ML85K

### Micro Link™ Peep Hole Style Plasma\LCD\LED\CFL Friendly IR Receiver



The Micro Link IR Receiver is a small peep-hole style infrared repeater assembly. The Micro Link IR Receiver is equipped with a 7-foot cable and a 3.5mm stereo mini plug, which is plugged directly into the "IR RCVR" jack on the connecting block, such as the models 789-44, CB60, and 791-44. The Micro Link IR Receiver is primarily intended for use in installations where the connecting block is within reach of its 7-foot cable – as when installing the Micro Link IR Receiver in a cabinet where the controlled equipment is behind closed doors

Included



## FEATURES

- Small size; mounts in 1/2" diameter hole. 2 inches deep (50mm).
- Quick-Connect 3.5mm Stereo Mini Plug on 7ft. cable for direct plug-in to Xantech Connecting Blocks.
- Works in normal 3-wire mode (12VDC, IR, GND).
- Green Talkback LED for System Verification.
- Includes 789-44 Connecting Block, Power supply, and four 283D emitters for easy system installation.

## SPECIFICATIONS

- Infrared modulation frequency bandwidth: 30 – 60 kHz.
- IR reception range: Up to 80 feet, depending on remote control output strength and ambient conditions.
- Reception angle: 55 degrees off axis for 50% range reduction.
- Cable requirements: 3-conductor. Use 24 gauge up to 200', 22 gauge up to 600' 20 gauge up to 2000', 18 gauge up to 5000' – unshielded OK.
- Max. transmission length: 1 mile using 18 gauge wire.
- Maximum current output: 100mA
- Drives IR emitters through Xantech Connecting Blocks, Controllers, etc.
- Dimensions: 1/2" diameter x 2" deep (13mm x 50mm).
- Power requirements: +12VDC, 20mA.



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