

# INSTALLATION INSTRUCTIONS

## 283M BLINK-IR™ MOUSE EMITTER

### DESCRIPTION

The 283M Blink-IR Mouse Emitter contains a small Infrared LED housed in a miniature, mouse shaped, black appearing, injection molded plastic shell. Unlike other emitters, the 283M emits visible red light in addition to IR (infrared) control signals when activated by IR commands sent to it by IR receivers or other Xantech controllers. The 283M is designed to be installed directly on the IR sensor window of the controlled device.

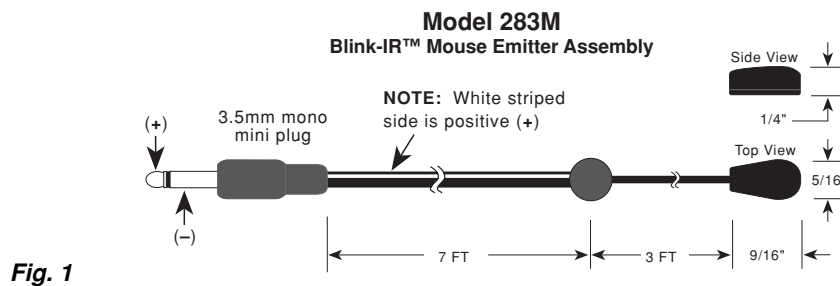


Fig. 1

### INSTALLATION

#### ATTACHING THE EMITTERS TO IR SENSOR WINDOWS

- Each emitter has a clear adhesive layer on the bottom flat surface of the shell. The rounded side faces the user and emits visible red light when a command is sent (Fig. 2).
- Simply peel off the adhesive cover and affix the emitter to the center of the IR sensor window on the controlled component's front panel.

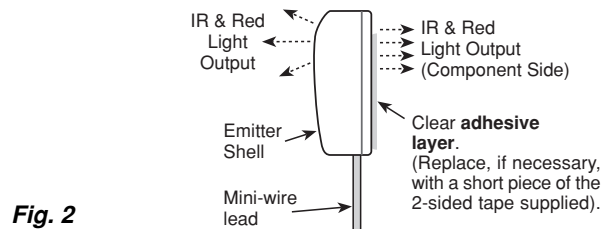


Fig. 2

- In some cases it may be difficult to find the location of the IR sensor on the component. Consult the owner's manual of the unit, or the manufacturer, for the exact IR sensor window location.
- Double-sided adhesive tape is included. If you move the emitter to a different component, use this tape to replace the current adhesive layer for best adhesion.
- The shell, though dark in appearance, is transparent to infrared light, allowing commands from a handheld remote control to pass through it. This permits direct control of the equipment from a handheld remote as well as from the 283M.

## BLACK (IR OPAQUE) MOUSE SHIELD

- An **optional** shield, available from Xantech as model **MS-1**, fits over the 283M and the sensor window (**Fig. 3**) of the controlled component. It prevents unwanted external IR signals from passing through or leaking past it.
- Use the MS-1 when you want the equipment to respond only to the 283M, such as in zone controlled systems.
- Install it according to the instructions that come with the MS-1.

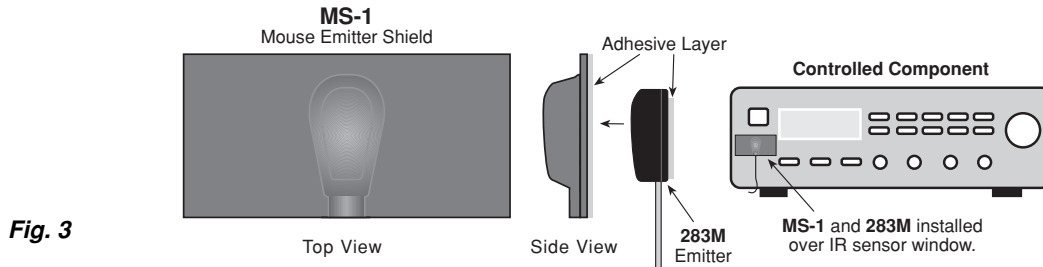


Fig. 3

## CONNECTING THE EMITTERS

- Simply insert the mono mini plug of the 283M emitter into the "EMITTERS" or "OUT" jacks on any of the Xantech Connecting Blocks or Controllers.
- **CAUTION: DO NOT plug emitters into the IN/OUT or HIGH OUT jacks on the 790-00 and 791-44 Connecting Blocks.** To do so will destroy the emitters!
- **Fig. 4** illustrates a typical basic system using 283M emitters.
- The 283M visible mouse emitter will also indicate the presence of stray IR or RF interference by randomly blinking when no IR control signal is being sent. Reposition the IR receiver or the interfering source to eliminate or reduce the random blinking. The more the random blinking is reduced, the better the system will function.

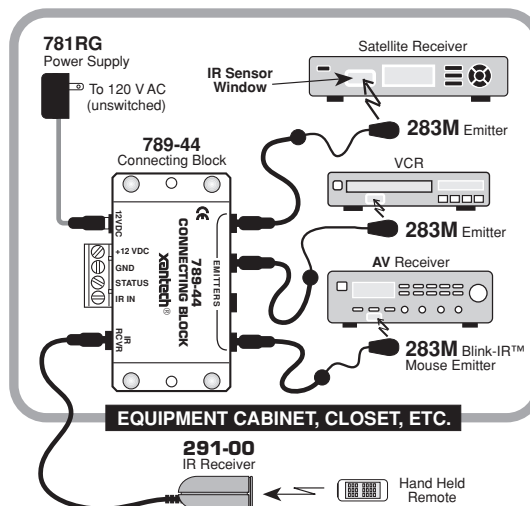


Fig. 4