

# xantech®

MODEL

## 286D

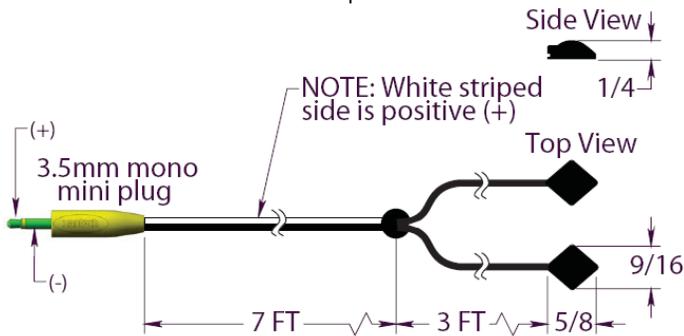
### Blink-IR™ Dual Designer Emitter

#### INSTALLATION INSTRUCTIONS



#### DESCRIPTION

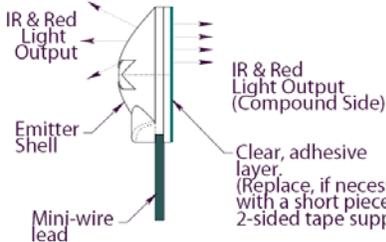
The 286D Dual Blink-IR Designer Emitter contains small infrared LED's housed in a miniature, designer styled, black appearing, injection molded plastic shell. Unlike other emitters, the 286D emits visible red light in addition to IR (infrared) control signals when activated by IR commands sent to it by IR receivers or other Xantech controllers. The emitters of the 286D are wired in series and are designed to be installed directly on the IR sensor windows of the controlled components.



#### INSTALLATION

##### ATTACHING THE EMITTERS TO IR SENSOR WINDOWS

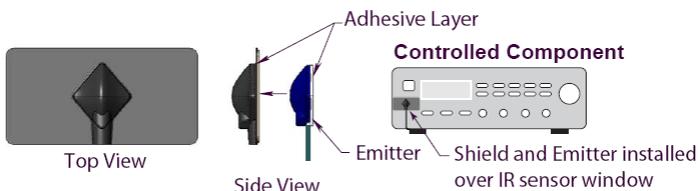
- Each emitter has a clear adhesive layer on the bottom flat surface of the shell.
- Simply peel off the adhesive cover and affix the emitter to the center of the IR sensor window on the controlled component's front panel.



- 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 the 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 286D.

##### BLACK (IR OPAQUE) EMITTER SHIELD

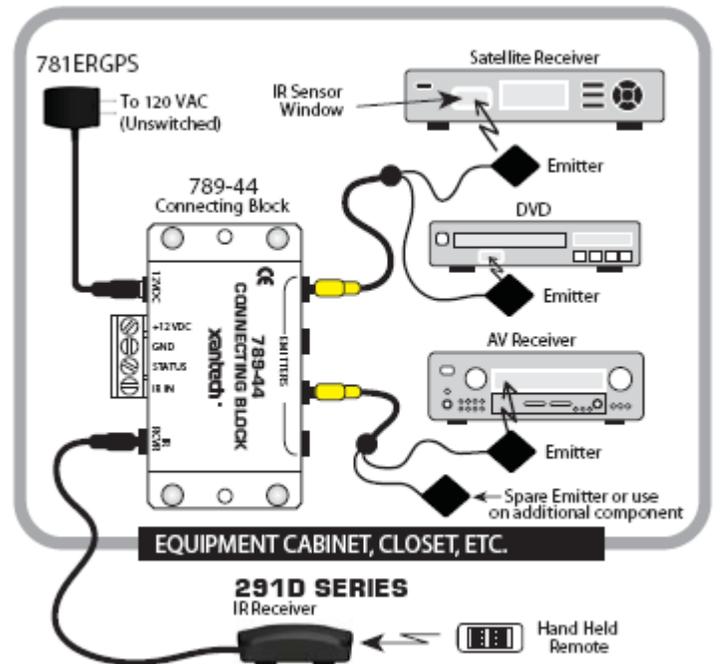
- An optional shield, available from Xantech as model 28DES, fits over the emitter head and the sensor window of the controlled component. It prevents unwanted external IR signals from passing through or leaking past it.



- Use the 28DES when you want the equipment to respond only to the 286D, such as in zone controlled systems.

#### CONNECTING THE EMITTERS

- Simply insert the mono mini plug of the 286D 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!
- The 286D visible 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 of the interfering source to eliminate or reduce the random blinking. The more the random blinking is reduced, the better the system will function.



#### Limited Warranty

Xantech® warrants its products to be free of defects in materials or workmanship. This is a Limited Lifetime warranty from the date of purchase by the original consumer. Any products returned to Xantech and found to be defective by Xantech within the warranty period will be repaired or replaced, at Xantech's option, at no charge. Xantech will not be responsible for the actual cost of installation or removal of the product, nor for any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights. You may have additional legal rights that vary from state to state.

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