

episode

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**Snap**  
av

## OWNER'S MANUAL

>>IR

### IRF-1, IRF-2 IR FLASHERS WITH VISIBLE LED



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EMITTER PLACEMENT

## **CONGRATULATIONS ON SELECTING EPISODE™ ELECTRONICS.**

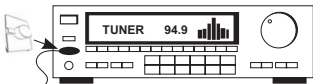
Episode is one of the most highly-regarded brands of electronics equipment available today. We appreciate your business and we stand committed to providing our customers with the highest degree of quality and service in the industry.

The Episode IRF-1 and IRF-2 are single and dual emitter visible IR repeating products. Visible simply means that you will see a LED flicker when an IR signal is being recreated at the head of the emitter. The emitters are the last of three elements needed to create a remote control extension system. The first element is an IR sensor appropriate for the job. The second is a connector block or IR repeater with a power supply, such as Episode™ models IR1X4 and IR2X6 with IR-PS power supply.

When an IR sensor receives an IR signal, it translates that into an electrical signal that is sent to the connector block. As a last step, the connector block sends the signal to the IR emitter which then transmits the infrared command to the component you have connected it to. The Episode emitter sends the IR commands via flashes of infrared light from its single infrared LED. This output is accurate throughout a very wide bandwidth of infrared light, enabling Episode emitters to control most makes and models of electronic components on the market today.

## INSTALLATION

1. Locate the component's IR sensor window. A flashlight will help you locate the sensor in the component. The emitter should be located over this sensor. Thoroughly clean this area of the window to remove fingerprints, dust, etc. If you are unable to locate this, check the owner's manual for the component.
2. Peel the protective layer off of the adhesive strip on the flat side of the emitter and apply evenly to the IR sensor window, pressing for several seconds. This ensures good contact with the adhesive.
3. Connect the 3.5mm plug into an Episode IR repeater or other source of IR.
4. Connect power and the IR sensor of choice to the IR repeater and test system performance.
5. To control flasher light emissions, use covers as needed. One provided with IRF-1, two provided with IRF-2.



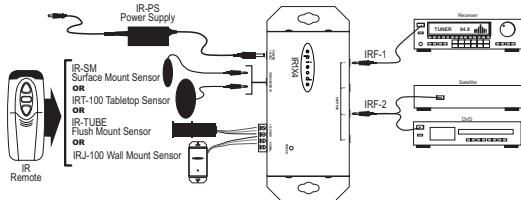
## HELPFUL INSTALLATION HINTS:

- Use a new adhesive strip when re-attaching emitters.
- The outer shell of the IRF-1 and IRF-2 is transparent to IR so that hand-held remotes can be used even if the emitter is covering the component's IR sensor.
- The emitters on the IFR-2 dual emitter are wired in a series. If one emitter is removed, the cut wires must be connected together for the remaining emitter to function.

- If the connecting wire is too short to reach the connector block, more wire may be spliced in to extend it. Cut the emitter wire approximately 6" to 12" from the plug end, strip off 1/4" from each conductor and connect the additional length of wire between the ends of the original wire. Heavier gauge wire may be needed for reliable performance over long distances.

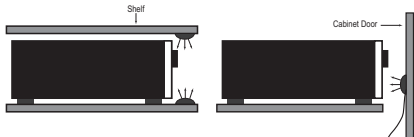
OBSERVE PROPER POLARITY WHEN EXTENDING THE EMITTER WIRE.

The wire lead marked with a stripe is positive (+). The unmarked lead is negative (-).



## **ADDITIONAL LOCATIONS FOR EMITTER PLACEMENT:**

Since the IRF-1 and IRF-2 have a high level of output from its curved surface, it may be attached to nearby surfaces such as shelves in cabinets.



You are now ready for entertainment ease with your new IR repeating system. If you have any questions, please contact Episode™.

DEVICE	CURRENT DRAW	DEVICE	CURRENT DRAW
IRF-1	6mA	IRT-100	8mA
IRF-2	12mA	IRJ-100	8mA
IR-SM	8mA	IR1x4	10mA
IR-TUBE	8mA	IR2x6	10mA

### 3-Year Limited Warranty

*Episode™ Electronics Products have a 3-Year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to the SnapAV or a designated service center with prior notification and an assignment return authorization number (RA).*



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