



## Crestron IRP2 Infrared Emitter Installation Guide

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Specifications subject to  
change without notice.

## Regulatory Compliance

As of the date of manufacture, the IRP2 has been tested and found to comply with specifications for CE marking and standards per EMC and radiocommunications Compliance Labelling.



## Further Inquiries

If you cannot locate specific information or have questions after reviewing this guide, please take advantage of Crestron's award winning customer service team by calling Crestron at 1-888-CRESTRON [1-888-273-7876]. For assistance in your region, please refer to the Crestron Web site ([www.crestron.com](http://www.crestron.com)) for a listing of Crestron worldwide offices.

You can also log onto the online help section of the Crestron Web site ([www.crestron.com/onlinehelp](http://www.crestron.com/onlinehelp)) to ask questions about Crestron products. First-time users will need to establish a user account to fully benefit from all available features.

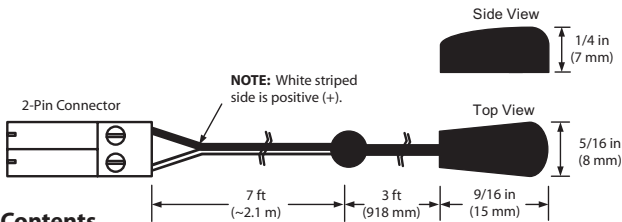
## Future Updates

As Crestron improves functions, adds new features and extends the capabilities of the IRP2, additional information may be made available as manual updates. These updates are solely electronic and serve as intermediary supplements prior to the release of a complete technical documentation revision.

Check the Crestron Web site periodically for manual update availability and its relevance. Updates are identified as an "Addendum" in the Download column.

Description

The IRP2, shown below, contains an infrared (IR) LED housed in a miniature, mouse shaped, black, injection molded plastic shell. The IRP2 shell emits IR control signals sent to it by a Crestron® control system. The shell can be installed directly on the IR sensor window of the controlled device. It is also compatible with X-Generation controllers by exchanging the 3.5 mm connector for a 5 mm connector (not supplied). It is not compatible with the CNMS generation.



Contents

In addition to the IRP2, this package also contains an IR mask and three pieces of two-sided tape.

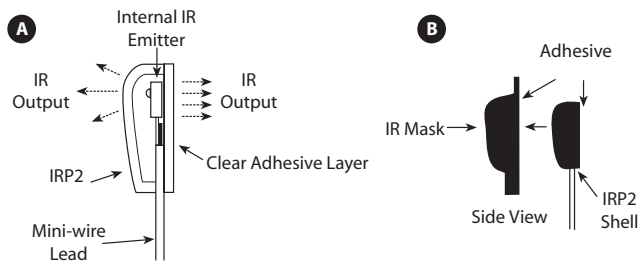
Installation

Attaching the IRP2 to IR Sensor Window (Refer to A Below)

- 1. Identify the clear adhesive layer on the flat bottom surface of the IRP2 shell.
- 2. Peel off the protective cover and affix the IRP2 to the center of the IR sensor window on the controlled component's front panel.

**NOTE:** 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 window location.

- 3. If the IRP2 shell must be removed and repositioned for any reason, it may be necessary to replace the adhesive with a new piece of the two-sided tape (supplied) to restore adhesion.



Installing the IR Mask (Refer to B Above)

The IR mask (supplied) is designed to fit over the IRP2 shell (shown in B above) so that the sensor window of the controlled component is completely covered. It prevents unwanted external IR signals from passing through or leaking past it. It also prevents IR emitted from the IRP2 shell from radiating backward into the IR sensors of other nearby components.

- 1. Without removing the adhesive backing from the IRP2 shell or IR mask, fit the two pieces together and accurately position them over the IR sensor window of the component to be controlled.
- 2. If necessary, neatly trim the IR mask being sure that it overlaps the extremities of the component's IR sensor window.
- 3. Remove the adhesive backing from the IRP2 shell and IR mask and position them over the IR sensor windows while pressing down firmly.

Connecting the IRP2

Insert the 2-pin connector of the IRP2 into an infrared-serial output port of the control system, or other device as shown in the following illustration.

**NOTE:** The white-traced wire connects to the pin labeled S.

