**CRESTRON**

## Description

The Crestron® IRP2 is a pure IR (infrared) emitter that is designed to adhere to the IR sensor window of a television, an optical disc player, or any other IR-controllable device. The IRP2 connects to any Crestron control system or room solution box that is equipped with a 2-pin terminal block-type Crestron IR port, providing a 1-way IR control interface to the device.

## Additional Resources

Visit the product page on the Crestron website (www.crestron.com) for additional information and the latest firmware updates. Use a QR reader application on your mobile device to scan the QR image.

## Installation

### Positioning the IRP2

With many devices, the IRP2 works best when positioned directly over the controlled device's IR sensor, but with other devices, operation is more consistent when the IRP2 is placed an inch or two offset from the IR sensor.

It may be difficult to locate the IR sensor on the controlled device, so instead, test commands from the Crestron control system or room solution box while moving the IRP2 around the controlled device's front panel. When operation is consistent and reliable, attach the IRP2 using the procedure below.

### Attaching the IRP2

Peel off the clear adhesive strip on the back of the IRP2 shell, and then carefully affix the IRP2 to the desired location on the controlled device's front panel while pressing firmly.

### Attaching the IR Mask (Optional)

Attach the included IR mask when two or more identical components in the same rack are being controlled. The IR mask prevents stray IR output from accidentally controlling another device.

To attach the IR mask, fit the two pieces together without removing the clear adhesive strips from the IRP2 shell or the IR mask, and then attach the IRP2 to the controlled device as described above.

*IRP2 Shell and (Optional) IR Mask (Side View)*
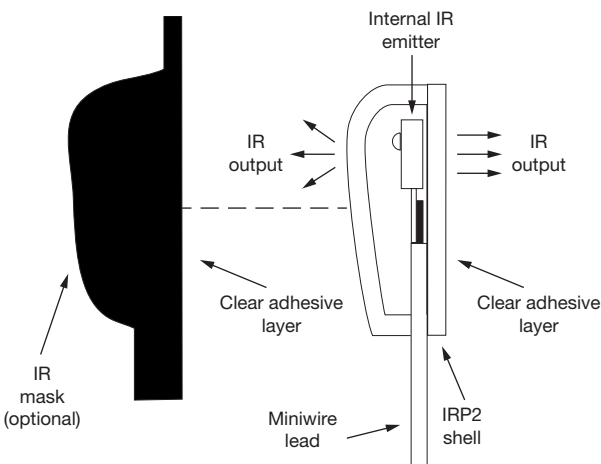


**NOTE:** If the IRP2's shell must be removed and repositioned for any reason, it may be necessary to replace the adhesive strip with a new piece of two-sided tape (supplied) to restore adhesion.

**NOTE:** The IRP2 is a pure infrared emitter, and it does not emit visible light. Since IR can be recorded by using a smart device's digital camera, test to see that the IRP2 is properly working by triggering the IRP2 using the control system or room solution box. While the IRP2 is being triggered, record a video of the emitter with a smart phone's digital camera. If IR is visible in the video during playback, the IRP2 is properly working.

## Hardware Hookup

Insert the IRP2's 2-pin connector into an infrared-serial output port of a control system or a room solution box as shown in the following illustration.

*IRP2 Connection Diagram*
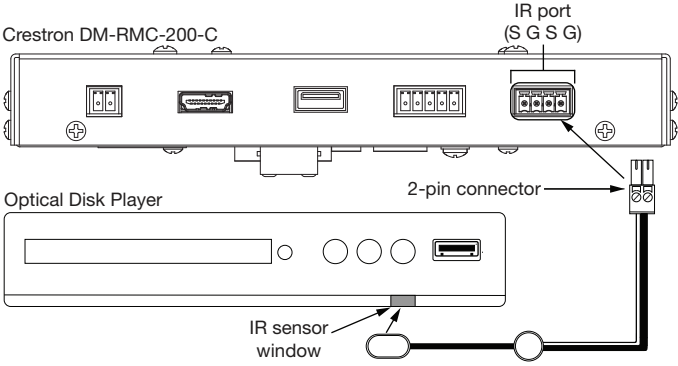


**NOTE**: The white-traced wire is positive (+) and connects to the pin labeled "S."