

CSP-LIR-USB

IR Learner

The Crestron® CSP-LIR-USB IR Learner is a compact USB device that works in conjunction with the Device Learner software tool (part of **Crestron Toolbox?**) to provide a complete solution for creating, editing, testing, and managing IR device control files for use in programming a Crestron control system. The IR Learner simply plugs into the USB host port of a laptop computer running Crestron Toolbox software, providing the essential interface for learning IR commands from a third-party remote, and testing the learned commands with the device they control.

The IR Learner features a built-in IR receiver, IR flasher, and five status indicators. A storage pouch and retractable USB extension cable are also included. Learning IR commands from a typical handheld remote is accomplished by simply pointing the remote at the IR receiver and following the instructions provided by the software tool. The software tool provides a comprehensive and easy-to-use utility for creating complete IR files, and adding them to the User Database for use with Crestron programming applications such as **SIMPL Windows?** , **SystemBuilder?** , and **D3 Pro®** . IR files can be tested by pointing the IR flasher toward the controlled device while triggering each command via the software tool.

Extensive editing capabilities are provided in the Device Learner software tool to "fine-tune" each learned IR command for optimal functionality. Existing IR files from the User Database or Crestron Database can also be "auditioned" using the software tool and IR Learner to check for compatibility with a hardware device. Existing IR files can even be edited to alter their behavior or create new custom IR files using previously learned commands. New IR files may also be created by directly entering data in Philips® Pronto® CCF format.



SPECIFICATIONS

Indicators

READY: (1) Amber LED, indicates unit is ready to learn an IR command

SIGNAL: (1) Amber LED, indicates an IR signal has been detected

OVERDRIVE: (1) Red LED, indicates IR signal is too strong and cannot be learned

FAILED: (1) Red LED, indicates IR command could not be learned successfully

COMPLETE: (1) Green LED, indicates IR command has been learned successfully

Communications

USB: For console, USB 2.0 client

IR: Learns and transmits infrared control commands up to 1.2 MHz

Connectors & IR

IR Out: (1) IR flasher;

Transmits IR signals up to 1.2 MHz;

IR In: (1) IR receiver;

CSP-LIR-USB

IR Learner

Receives IR signals up to 1.2 MHz;

Computer: (1) USB Type A male;

USB 2.0 computer console port;

Power Requirements

USB: =500 mA @ 5 Volts DC

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

Plastic, black

Dimensions

Height: 2.68 in (69 mm)

Width: 1.00 in (26 mm)

Depth: 0.53 in (14 mm)

Weight

2 oz (5.7 g)

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area.

A list of sales representatives is available online at www.crestron.com.

com/salesreps or by calling 800-237-2041. Crestron, the Crestron logo,

Crestron Toolbox, D3 Pro, SIMPL Windows, and SystemBuilder are trademarks

or registered trademarks of Crestron Electronics, Inc. in the United States

and other countries. Philips and Pronto are either trademarks or

registered trademarks of Koninklijke Philips Electronics N.V. in the United

States and/or other countries. Other trademarks and trade names may be

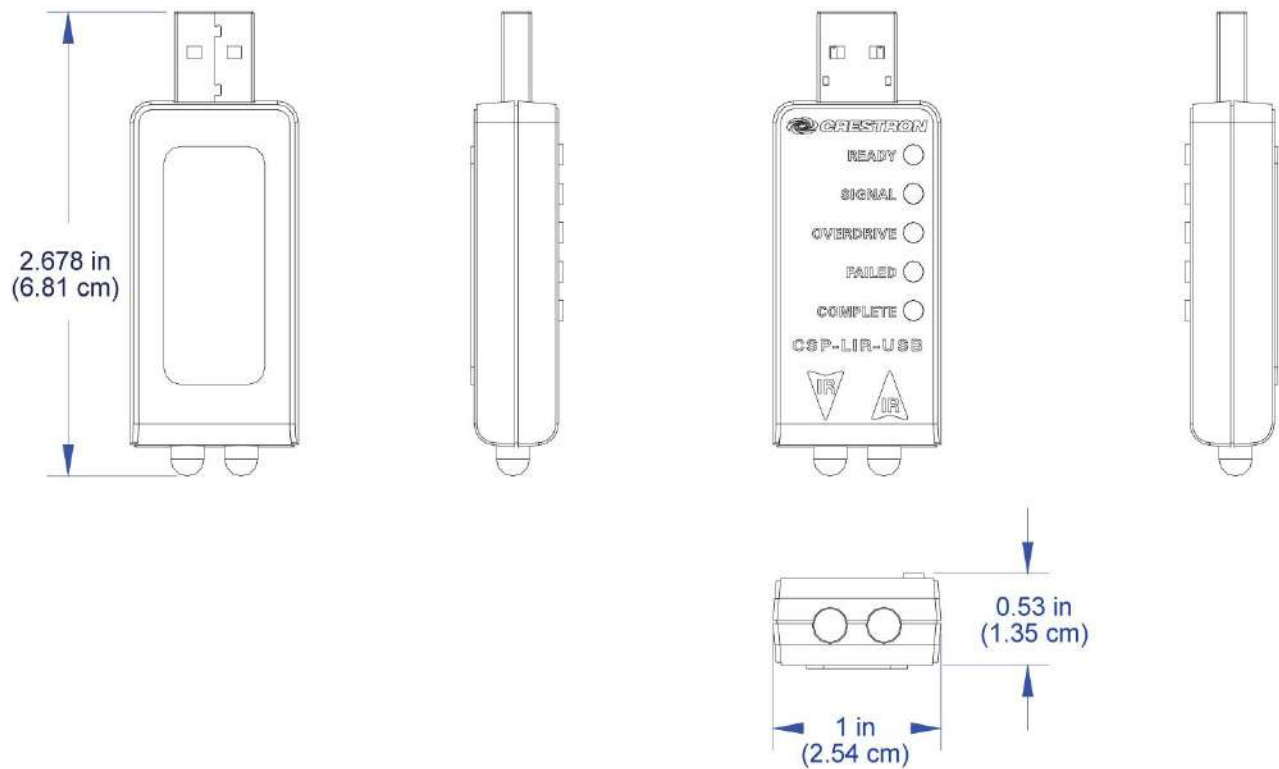
used in this document to refer to either the entities claiming the marks

and names or their products. Crestron disclaims proprietary interest in the

marks and names of others. ©2011 Crestron Electronics, Inc.

CSP-LIR-USB

IR Learner



CSP-LIR-USB

IR Learner

