

CSP-LIR-USB

IR Learner

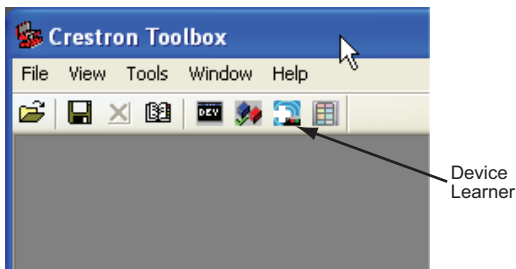
1 Specifications

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.

SPECIFICATION	DETAILS
Communications USB IR	For console, USB 2.0 client Learns infrared control commands up to 1.2 MHz
Power Requirements USB	≤ 500mA @ 5 Volts DC
Environmental Temperature Humidity	32° to 113°F (0° to 45°C) 10% to 90% RH (non-condensing)
Dimensions Height Width Depth	2.68 in (69 mm) 1.00 in (26 mm) 0.53 in (14 mm)
Weight	0.2 oz (5.7 gm)

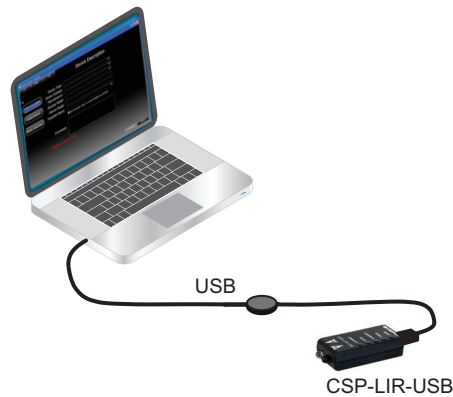
2 Install Software

Install the Crestron Toolbox™ program and the Crestron Database on your PC. These files are available from the Crestron Web site (<http://www.crestron.com/software>). This software contains the Device Learner program used to develop configuration files.



3 Connect to PC

Connect the CSP-LIR-USB IR Learner to your PC using the supplied retractable USB extension cable. When power is applied to the PC, it automatically supplies power to the IR Learner via the cable.



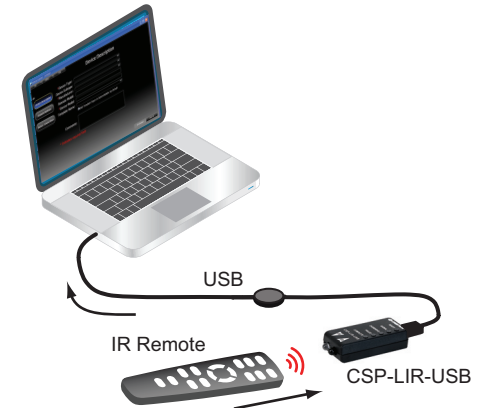
4 LED Indicators

During operation, the IR Learner's LEDs indicate the unit's status.

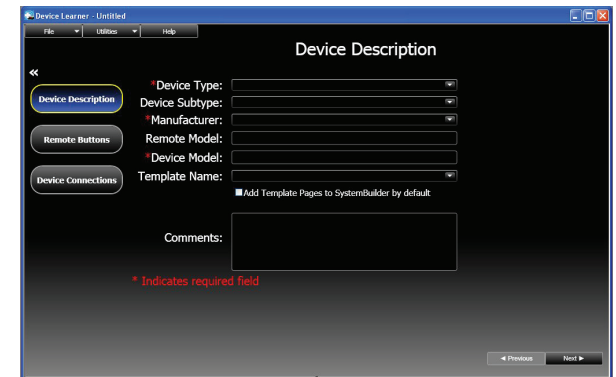
LED	DESCRIPTION
READY	(Amber) Indicates unit is ready to learn an IR command
SIGNAL	(Amber) Indicates an IR signal has been detected
OVERDRIVE	(Red) Indicates IR signal is too strong and cannot be learned
FAILED	(Red) indicates IR command could not be learned successfully
COMPLETE	(Green) Indicates IR command has been learned successfully

5 Operation

With the IR Learner connected to a PC running the Device Learner software tool, place the IR remote to be learned within a few inches of and facing the IR Learner. Follow the instructions provided by the Device Learner tool. For assistance, refer to the extensive information provided by the help file.



Device Learner Tool Main Screen



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