USB IR Learner

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Compact, yet feature-packed.
Learn any IR code then instantly test.

IR Learner can handle most IR frequencies, including Bang & Olufsen, and has an on-board IR blaster for testing learnt codes.

Small in size.
Big in functionality.

The CommandFusion IR Learner is one of the smallest, and most feature-packed on the market. It supports the learning of most IR controlled devices, including Bang & Olufsen.

On-board IR blaster.
Test your learnt codes instantly.

The on-board IR blaster output means you can learn the IR codes, and test them in seconds. Play around with IR parameters and quickly test for the best IR control possible.

On-board IR database.
Over 500,000 codes.

All CommandFusion IR devices contain an on-board IR database (/irdatabase), including the IR Learner. Use the on-board blaster output to test database codes without any other required hardware.

Overview

The only IR learner you will ever need. About the size of a matchbox, the IR Learner is capable of learning any IR code and then testing it for accuracy via the on-board blaster output. The front IR window is used for learning, with the rear IR window housing the blaster output.

Software

The IR Learner software runs on Microsoft Windows®, with advanced features such as IR code cleanup.

USB Connectivity

Use the IR Learner on any Windows® PC via the female mini-USB connection. USB cable included.

IR Learner Quick-Start Overview / Tutorial - C...

Gallery

High res photos in downloads section

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Help

USB IR Learner

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Technical Specifications

See hardware documentation (https://www.commandfusion.com/docs/hardware/irlearner.html) for more details

Connectivity & Power	
Mini USB	Mini USB female connector (Type B). USB cable included.
Front Panel	
IR Receiver	On-board infrared receiver, front facing, capable of learning 30kHz to 455kHz IR signals
Rear Panel Components	
IR Blaster	High-powered USB blaster on-board, with over 120° coverage
Top Panel	
Power Indicator	Blue LED indicates power status
Activity Indicator	Yellow LED indicates IR signal being sent or received
Ready Indicator	Green LED indicates IR learning is completed
Reset Button	Reset button used to restart the device
Physical	
Enclosure	Polycarbonate with dark grey matte finish
Height	17mm (0.67in)
Width	60mm (2.36in)
Depth	44mm (1.73in)
Weight	0.04kg (0.09lbs), Shipping 0.2kg (0.44lbs)
Environmental & Regulatory	
Temperature	5°C to 45°C (41°F to 113°F)

Connectivity & Power

Humidity	20% to 85% RH, non-condensing
Certification	FCC, CE, C-Tick

Where To Buy? (/buy)

Warranty

Warranty	5 years limited warranty

Downloads & Documentation

CommandFusion IR Learner (https://irlearner.commandfusion.com)
Version: v1.6.217, **Platform:** Microsoft Windows®
Requirements: Microsoft .NET 3.5 Framework SP1 (https://www.microsoft.com/en-us/download/details.aspx?id=22)

USB Drivers for IR Learner (https://www.ftdichip.com/Drivers /CDM/CDM%20v2.10.00%20WHQL%20Certified.zip)
Platform: Microsoft Windows®

Quick Reference Guide (/docs/quick/QuickReferenceGuide-IRLearner.pdf)
IR Learner Quick Reference Guide includes details like pinout diagrams and general connectivity details.
(/docs /quick /QuickReferenceGuide-IRLearner.pdf)
(650KB)

Product Spec Sheet (/docs/specsheets/CommandFusion_IR-Learner_Spec-Sheet.pdf)
Single page specification sheet.
(/docs /specsheets /CommandFusion_IR-Learner_Spec-Sheet.pdf)
(700KB)

IR Learner Quick Start Guide (https://cmdf.us/quickirlearner)
Quick overview PDF of how to use the IR Learner

IR Learner Quick Start Video (https://cmdf.us/NROG0M)
Quick overview video of the IR Learner

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