



Installing Control Lab IO

Control Lab IO can be installed on Windows (32/64-bit versions of 7 SP1, 8, and 10), macOS (10.10 Yosemite and above), Raspberry Pi (3B, 3B+, and 4B running Raspbian Buster), or Ubuntu (18.04 LTS).

Getting started

Install serial port or adapter drivers before installing Control Lab IO. If installing on Microsoft Windows 7 SP1, you also need to download and install,

Microsoft .NET Framework 4.8 Runtime.

Installing on Windows

- 1. Download control-lab-io_1.0.1_win-x64/x86.msi
- 2. Double-click .msi installer
- 3. Click next
- 4. Choose destination folder and click next
- 5. Click install
- 6. Click yes
- 7. Click finish

Installing on macOS

- 1. Download control-lab io_1.0.1.dmg
- 2. Double-click .dmg to mount
- 3. Drag-and-drop into Applications folder.

Installing on Raspbian

- 1. Download control-lab-io_1.0.1_armhf.deb
- 2. Right-click .deb and click Package Install
- 3. Click install
- 4. Enter password if prompted
- 5. Click ok

Enable serial port on Raspbian

- 1. Open Raspberry Pi Configuration
- 2. Click on Interfaces tab
- 3. Enable Serial Port and click ok
- 4. Click yes to reboot

Installing on Ubuntu

- 1. Download control-lab-io 1.0.1 amd64.deb
- 2. Right-click .deb and click Open with Software Install
- 3. Click install
- 4. Enter password if prompted
- 5. Close Ubuntu Software Install

Enable serial port by adding user to dialout group

- 1. Open Terminal
- 2. Enter command on step 3 and replace \$USER
- 3. sudo adduser \$USER dialout
- 4. Restart

Shortcuts

Windows, Raspbian, and Ubuntu

Close application: CTRL+W
Toggle full screen: F11

macOS

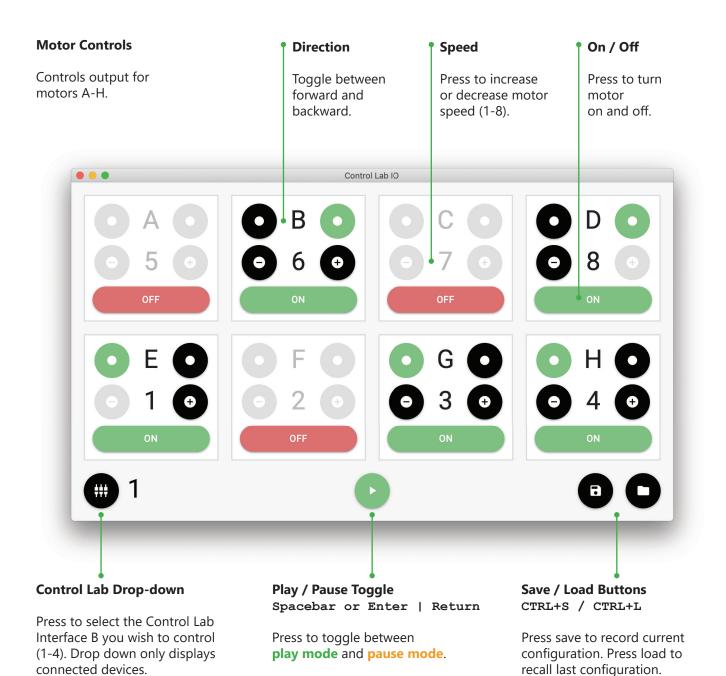
Close application: Command+W

Toggle full screen: Control+Command+F

FAQ

Q: I am using a USB hub and Control Lab IO does not establish a connection.

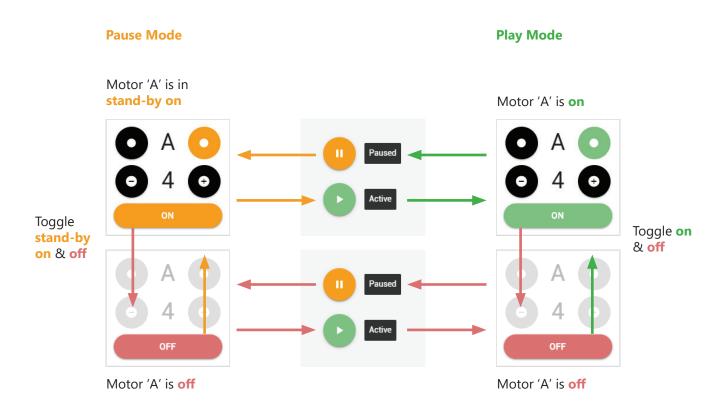
A: Not all USB hubs are currently supported. Connect your serial cable directly to the computer.



Play / Pause Modes

Pause mode allows you to set the motors to **stand-by on** (orange). **Stand-by on** motors will activate in **Play mode**.

Play mode activates motors (green + pulse).



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