Wildwood Lightning – Quick Start Guide
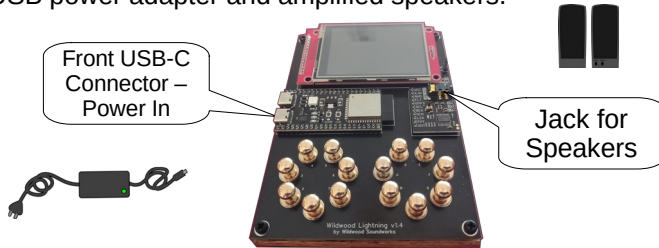
Please start with one of the following three configurations

(you can always try another one later)

1. Basic Configuration: To use Lightning as a standalone device, connect it to a standard 5V USB power adapter and amplified speakers.

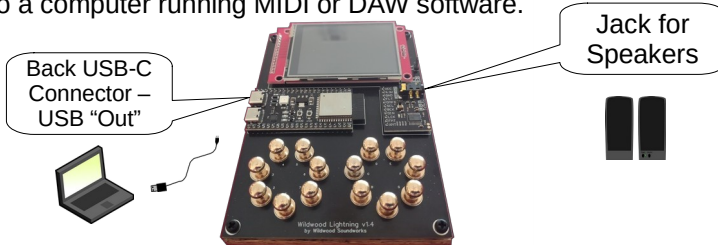Front USB-C Connector – Power In

Jack for Speakers

Important: Be sure to use an amplifier or powered PC speakers because the LINE OUT jack is not designed to drive speakers directly.

Lightning uses an innovative (patent pending) approach that lets you play notes across multiple octaves with just seven touch sensors.

You can connect the USB adapter to Lightning using **either** the Front USB-C connector or the Rear USB-C connector on the left side of the device. We recommend the Front USB-C because the Back USB-C is generally for USB data.

2. USB MIDI Device Configuration: To use Lightning as a USB MIDI input device, connect it to a computer running MIDI or DAW software.

Back USB-C Connector – USB "Out"

Jack for Speakers

Lightning waits for a USB Host connection from the computer on the Back USB-C and configures itself for MIDI output. If it doesn't receive a connection in a couple of seconds, it configures itself for MIDI input.

You can optionally connect the LINE OUT jack to an amplifier or powered speakers if you want to hear the audio through both the computer running the MIDI or DAW software and Lightning.
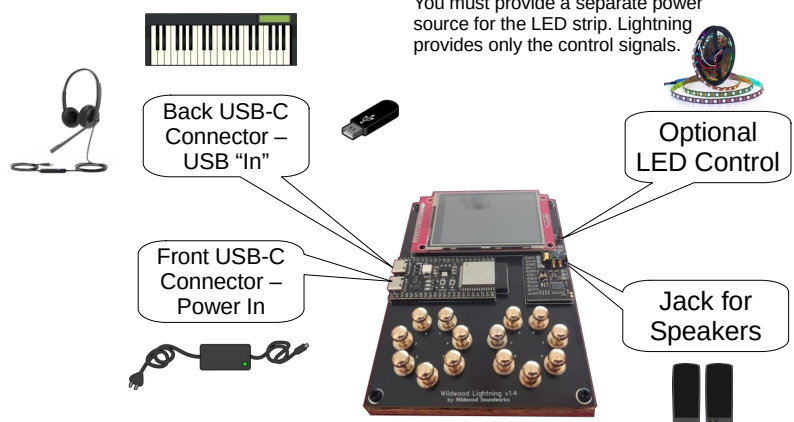
Use the Back USB-C connector (i.e. the one closer to the back of the device) for MIDI out. The Front USB-C connector won't work.

In this configuration, Lightning gets its power from the computer, so make sure nothing is plugged into the Front USB-C connector.

Important: Turn power off before changing configuration – Lightning configures itself at power-on

3. USB Host Configuration: To use Lightning with an external USB MIDI keyboard, flash drive or UAC1.0 audio device (headset, microphone, speakers or adapter):
- Connect a USB MIDI keyboard, flash drive or audio device to the Back USB-C connector.
- Connect a USB power source to the Front USB-C connector.
- Connect the LINE OUT jack to an amplifier or PC speakers.
- Optionally connect the data and ground signals from a WS2812B LED strip to the pins labeled 48 and GND.

You must provide a separate power source for the LED strip. Lightning provides only the control signals.

Back USB-C Connector – USB "In"

Optional LED Control

Front USB-C Connector – Power In

Jack for Speakers

Problems with setup? Contact support@wildwoodsoundworks.com for help.

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