

1. Getting started with Arduino

GETTING STARTED

The first thing you will need to do if you haven't already is to get a recent version of Arduino and install it.

Then, connect the Whadda XL kit to your computer:

1. Plug the USB A to USB micro cable into your laptop and into the Arduino Nano Every.
2. Plug the USB A to USB B cable into a socket to power the kit.

Not familiar with Arduino? Then we suggest you start by reading their [getting started](#) manual first.

INSTALLING THE RIGHT BOARD

Before you start programming in Arduino, you will need to install and select the correct board.

1. Go to Tools -> Boards -> Board manager
2. Search for Arduino Nano Every, and select the latest version. Then press install.
3. If you go back to tools -> Boards, you will notice that the Arduino Nano Every is now included. Press it to select.

INSTALLING THE LIBRARY

In order for your code to work together with the Whadda XL LEDs, you will need to install and select a suitable library.

1. Go to Sketch -> Include Library -> Manage Libraries.
2. Search for FastLED and install the latest version.

SELECT THE CORRECT PORT

Your Arduino platform will need to know to which port the Whadda XL kit is connected.

1. First, remove the USB A to USB micro cable.
2. Go to Tools -> Port
3. Check which ports are listed.
4. Plug the micro cable back into your computer, then go back to Tools -> Port and check

which port has been added. Select that port.

EXAMPLE CODE

Now you are ready and set to start coding! To help you out, we have written an example code with some simple excersises.

[Download the example code here!](#) Then go to the next chapter.

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