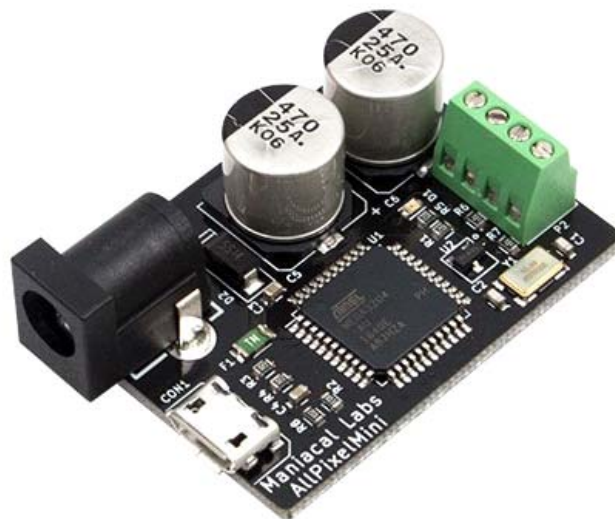# Allpixel Mini

SKU 114991123

Description

USB controller for all major programmable RGB LED strips with on-board power jack.

New Version! The AllPixel Mini features the same awesome LED Control functionality in a smaller package and with no extra soldering required!

Things to note with the new version:

- No Soldering Required - All parts come pre-soldered
- Smaller Size - 1.6 x 1.2 inches (40.6 x 30.5 mm)
- 100% Backwards Compatible: Any code written for the AllPixel will run on the Mini version
- USB Micro Connector: More common connector

The AllPixel Mini provides easy USB control of all the major programmable LED strip types. It is compatible with Linux (including the Raspberry Pi), Mac, and Windows platforms, and is capable of driving up to 700 LEDs at high frame rates. Multiple AllPixel Minis can be linked in software to act as one larger display.

Our robust, Python-based software library BiblioPixel supports the AllPixel Mini and allows for animation creation and control. Since it's Python-based, interfacing the AllPixel Mini to your existing projects is greatly simplified.

Features and Supported LED Chipsets

- Compatible will all the popular LED strip chipsets, including: LPD8806, WS2801, WS2811/WS2812 (NeoPixel), WS2811 400kHz, APA102 (DotStar), TM1809, TM1803, TM1804, UCS1903, P9813, SM16716, LPD1886
- Easy to use. No need to worry about chipset protocols, level shifters, or power. Just plug in, connect your LEDs, set the chipset in code and go!
- Control from nearly anything that has a USB port and supports Python via the BilbioPixel library.
- Drive more than 700 pixels with multiple AllPixel Minis acting as one (a feature of BiblioPixel).
- Supports powering 5V or 12V LED types via the on-board DC barrel jack (5A max current).
- Drive a handful of LEDs directly from USB power by installing the included protection diode.
- OurAnimations Library provides examples and gets you up and running quickly.

Note

Due to the connector change, a USB cable is NOT included.

Check us out at ManiacalLabs.com or more info, project updates, and other cool stuff!

Technical Details

Dimensions	120mm x 80mm x 15mm
Weight	G.W 12.5g

Battery	Exclude

Part List

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