



This is the Adafruit 0.56" 4-Digit 14-Segment Display FeatherWing compatible with all Feather boards.

14-Segment Matrices are multiplexed so to control all the fourteen-segment LEDs you need 18 pins. There are driver chips like the MAX7219 that can control a matrix for you but there's a lot of wiring to set up and they take up a ton of space. That's where these Alphanumeric LED Matrix FeatherWings come in, they make it really easy to add a 4-digit alphanumeric display with decimal points.

The LEDs themselves do not connect to the Feather. Instead, a matrix driver chip (HT16K33) does the multiplexing for you. The Feather simply sends i2c commands to the chip to tell it what LEDs to light up and it is handled for you. This takes a lot of the work and pin-requirements off the Feather. Since it uses only I2C for control, it works with any Feather and can share the I2C pins for other sensors or displays.

This product kit comes with:

- A fully tested and assembled Adafruit 4-Digit 14-Segment Alphanumeric Display FeatherWing
- Two sixteen pin headers

A bit of soldering is required to attach the matrix onto the FeatherWing.

Note: Feather board and 14-segment display are not included.

- 51mm x 23mm x 4.2mm / 2.0" x 0.9" x 0.165"
- Weight: 4.8g