

Bonsai Buckaroo micro: bit & CLUE Plant Care Helper

Product Overview

09/09/2022

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Description

Adafruit Bonsai Buckaroo micro: bit and CLUE Plant Care Helper is a control board that helps users to monitor and care for the plants. The user can bolt it on with 5 screws to get a motor driver, breakouts for connecting a soil sensor (two alligator clips and nails work just fine), and a buzzer/beeper. This control board is an add-on for CLUE boards or micro: bit. The board allows for the creation of a 3V motor control (on/off) on pin P2, an 8mm Buzzer/Speaker on pin P0, and an alligator clip pad for pin P1. With the buzzer/speaker, the plant kit can be beeped when it needs watering or have it sing a song when it's happy and nice. With the motor control, the water pump can be connected automatically to water the dry plants. With the alligator clip pads, the resistance of soil can be measured. This control board works with micropython, Arduino, and MakeCode.



Required Equipment

- micro: bit Go bundle or Adafruit CLUE (order separately)
- Horizontal style or vertical style 3V water pump (order separately)
- Vinyl tubing - 8mm diameter (order separately)
- Two alligator clips in any color (order separately)
- Two stainless steel nails (order separately)

Specifications

- 8.0g / 0.3oz product weight
- 52.0mm x 26.0mm x 6.4mm / 2 inch x 1 inch x 0.3 inch product dimension

Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/adafruit/adafruit-bonsai-buckaroo-plant-carehelper/>