

Math & Automatic Touch Keyboard for micro:bit (V1.0)

SKU:MBT0016

This is a Math & Automatic expansion board for micro:bit. Easy to use, and suitable for a wide range of applications. We designed this board for two sorts of application scenarios: math game and automation control. The 16 programmable touch keys and RGB LEDs on the board offers rich function and flexible input and output. Besides, the board has 1 vibration motor, 1 buzzer, 2 motor ports, 2 servo ports and 9 expansion ports, which lays a foundation for using in automation controlling application.

FEATURES

Math Game:

- 1. Calculator
- 2. Quick Calculation
- 3. Math Reasoning Game
- 4. Lucky number
- 5. Twenty-One
- 6. Whack a Mole
- 7. The mystery of Dazzling Numbers

Automatic Control:

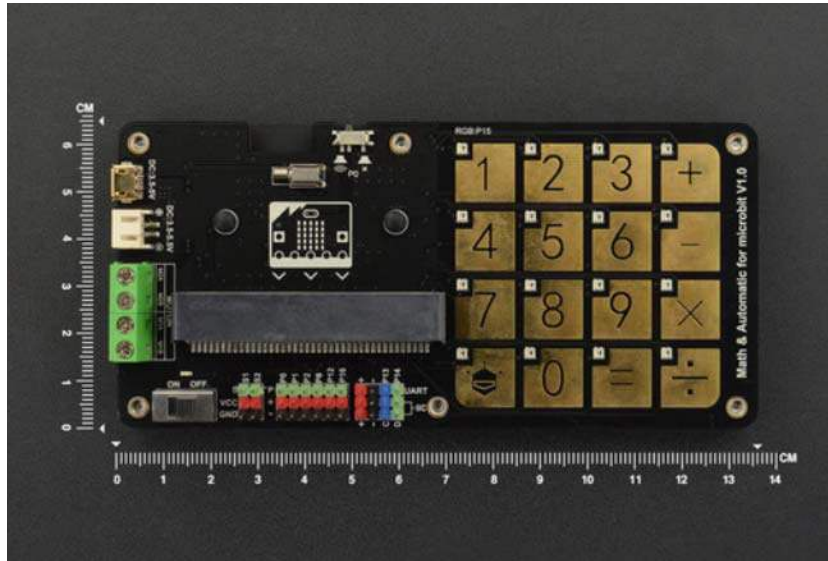
- 1.RGB Waterfall Light
- 2.Touch Music
- 3.Password Lock
- 4.Motor Control System
- 5.Touch Remote Wireless Handle
- 6. Countdown Timer
- 7. Natural wind Electric Fan
- 8. NFC Password Entrance Guard
- 9. 2. 4G Multiplex Communication System

SPECIFICATION

- Power Input: 3.5~5.5V DC
- Touch key*16
- RGB LED *16
- Buzzer *1
- Buzzer Switch *1
- Motor Port *2
- Servo Port *2
- IIC *2
- UART *1
- GPIO: P0, P1, P2, P8, P12, P16
- Program Platform: Mind+、makecode
- Size: 136mm×65mm/5.35×2.56"

SHIPPING LIST

- [MBT0016] Math & Automatic for micro:bit (V1.0) x 1



<https://www.dfrobot.com/product-1942.html?search=MBT0016&description=true/12-5-19>