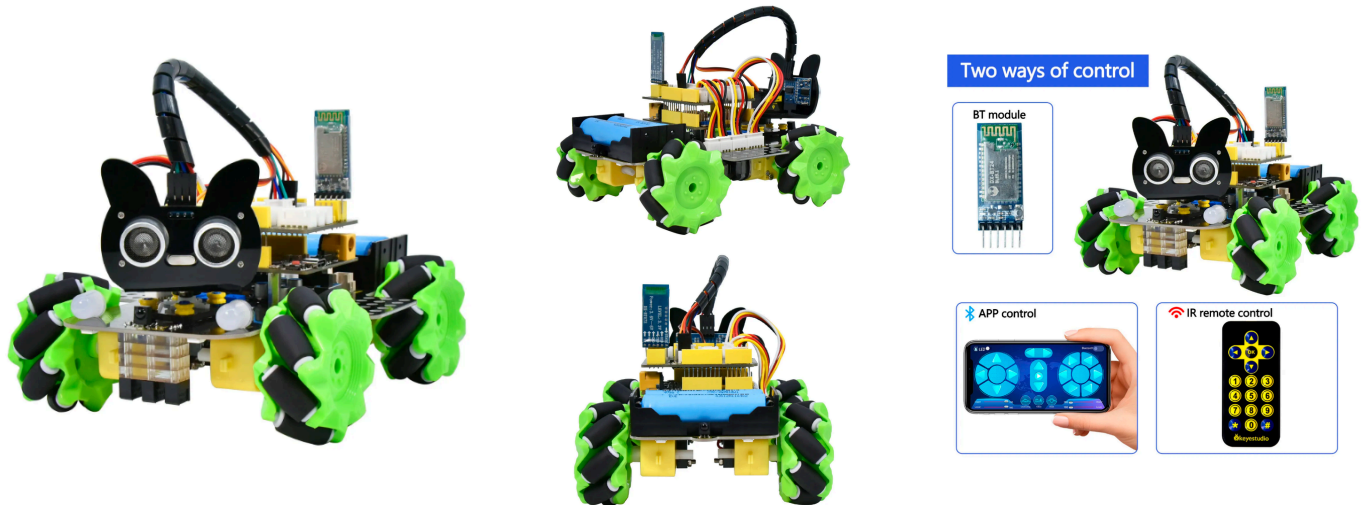


ARDUINO 4WD MECANUM ROBOT

MODEL NUMBER : GT-ARD4WD



KEY FEATURES

1. Multi-purpose function: Color light display, IR control, bluetooth control, universal wheels control, ultrasonic following, ultrasonic obstacle avoidance, 4WD drive, car tracking and UNO PLUS control board.
2. Easy to build: Motor drive, RGB2812 and seven-color LEDs have been integrated on the bottom plate and without welding circuit.
3. Novel style: We use the Mecanum wheels and the wirings between modules are simple.
4. High extension: Preserve IIC, UART, SPI, ESP8266 WIFI and you can extend other sensors and modules. What's more, the matrix keyboard has a strong controllability.
5. Basic programming learning: Using C language for Arduino IDE and Scratch graphical programming.

TECHNICAL SPECIFICATIONS

- Input voltage: 7-12V
- Working voltage: 5V
- Maximum power consumption: 15W
- Motor speed: 5V 200RPM
- Motor drive mode: DRV8833 Motor drive
- Ultrasonic induction angle: <15 degrees
- Ultrasonic detection distance: 2cm-400cm
- Infrared remote control distance: 10M (measured)
- Bluetooth remote control distance: 50M(measured)
- Bluetooth control: Support Android and iOS system

Manuals :

(1) All manuals are written in English

General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manuals be provided where applicable.
- (3) Designs & Specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty:

1 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
ARDUINO 4WD MECANUM ROBOT	GT-ARD4WD	7120-010

* Proposed design only, subject to changes without any notice.