



#### How to use the handle and HelloBot(joystick)

1-1. If your car is basic version, you need to download the [Handle joystick control code.hex](#) program from the [Handle code](#) folder to the mciro:bit board on the micro:bit handle and download the [Basic.hex](#) program from the [Hellobot code](#) folder to the mciro:bit board on the car.

After the program is downloaded, power on the car. When the handle is powered up, you need to press the A and B buttons of micro:bit on the handle, until the handle dot matrix displays **0**. This means that the pairing between the car and the handle is successful, you can remotely control them.

1-2. If your car is Clip version, you need to download the [Handle joystick control code.hex](#) program from the [Handle code](#) folder to the mciro:bit board on the micro:bit handle and download the [Clip.hex](#) program from the [Hellobot code](#) folder to the mciro:bit board on the car.

After the program is downloaded, power on the car. When the handle is powered up, you need to press the A button of micro:bit on the handle, until the handle dot matrix displays **1**. This means that the pairing between the car and the handle is successful, you can remotely control them.

1-3. If your car is Lift version, you need to download the [Handle joystick control code.hex](#) program from the [Handle code](#) folder to the mciro:bit board on the micro:bit handle and download the [Forklift.hex](#) program from the [Hellobot code](#) folder to the mciro:bit board on the car.

After the program is downloaded, power on the car. When the handle is powered up, you need to press the B button of micro:bit on the handle, until the handle dot matrix displays **2**. This means that the pairing between the car and the handle is successful, you can

remotely control them.

#### **The Basic Version:**

**Push the joystick to forward:** The car forward

**Push the joystick to backward:** The car back

**Push the joystick to the left:** The car turn left

**Push the joystick to the right:** The car turn right

**Press the button B1:** The car lights up the red LED

**Press the button B2:** The car lights up the green LED

**Press the button B3:** The car lights up the blue LED

**Press the button B4:** The car lights up the yellow LED

Reset button is the restart button.

#### **The Clip Version:**

**Push the joystick to forward:** The car forward

**Push the joystick to backward:** The car back

**Push the joystick to the left:** The car turn left

**Push the joystick to the right:** The car turn right

**Press the button B1:** The car will open clips

**Press the button B3:** The car will close clips

Reset button is the restart button.

#### **The Lift Version:**

**Push the joystick to forward:** The car forward

**Push the joystick to backward:** The car back

**Push the joystick to the left:** The car turn left

**Push the joystick to the right:** The car turn right

**Press the button B2:** The lift will down

**Press the button B4:** The lift will up

Reset button is the restart button.

