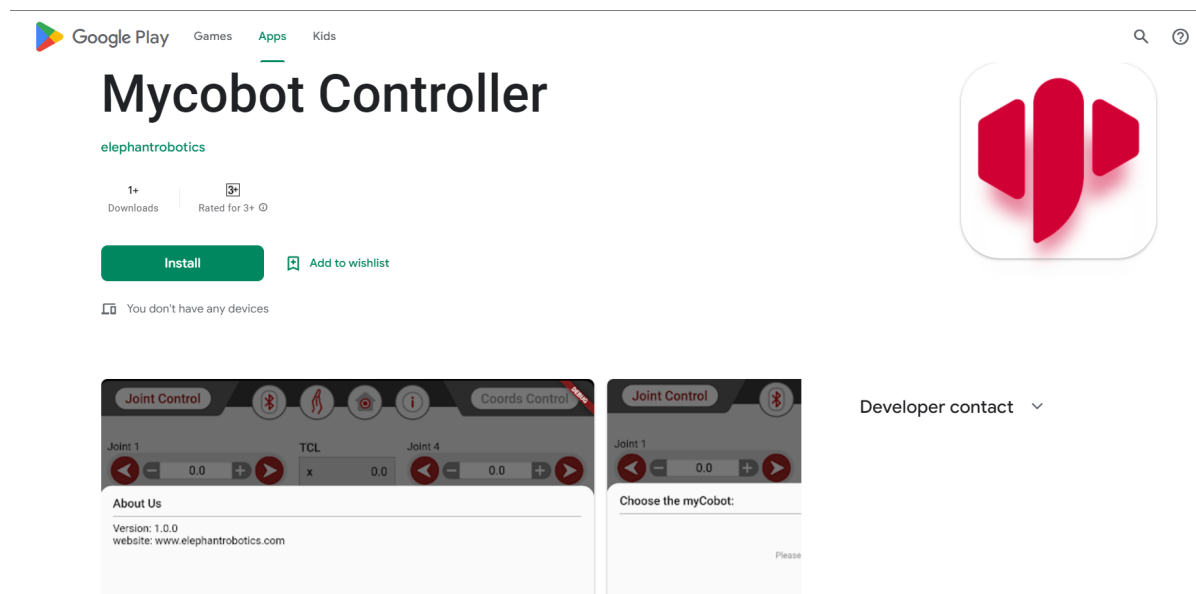# MyCobot Controller

1. What is MyCobot Controller?

MyCobot Controller is an app that controls the MyCobot series of robotic arms through Bluetooth.
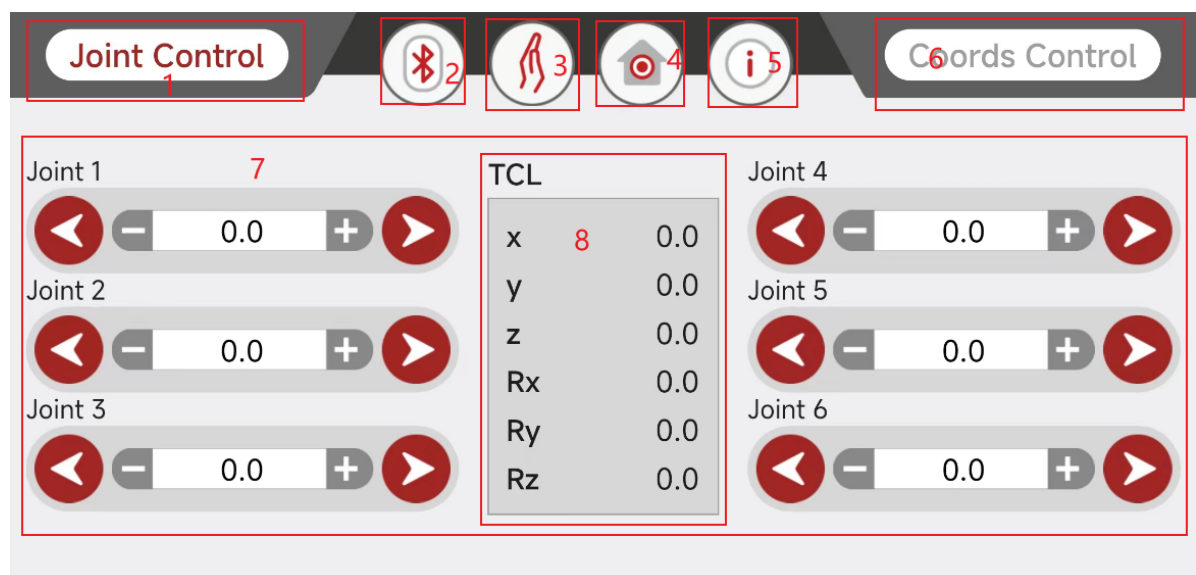
You can use your phone to move the robotic arm.

2. How to install MyCobot Controller

This APP just support Android, go to [Google Play Store](#) to download.

3. APP Introduction

1. Click to jump to angle control

2. Bluetooth switch. If you are not connected to a device, click the button to search for Bluetooth devices. Otherwise, the device you are currently connected to will be displayed

3. Turn on and turn off buttons. Please connect your device before clicking, otherwise the device will not be able to turn on or turn off. When the button is clicked, the background turns yellow and the robotic arm will be powered on. Click again to restore the original color, and the robotic arm will be powered off.
4. Joint zero button. Clicking this button will reset the robotic arm to zero. Please connect Bluetooth and turn it on before use
5. Software Information
6. Click to jump to coordinate control
7. Operation page. If joint control is selected, this page will display all joints, otherwise all coordinates will be displayed
8. Coordinate information

4. How to use MyCobot Controller

Before you start using it, please download the MyCobot Controller App to your phone first.

Then follow these steps to connect your device.

If you are using a 'MyCobot M5' device, please burn 'minirobot v2.2' for your device`

1. Open your device

2. Select Transponder ->Bluetooth, then click "OK" to enter a page that contains some information about the current device and the Mac address of Bluetooth,

   If you are using a 'MyCobot PI' device, please follow these steps

   1)From github Clone pymycobot source code to your desktop

   2)Enter 'mycobot_pi_bluetooth' inthe 'demo' folder, open the command line and input following command:

   ```
   mycobot_pi_bluetooth
   ```

3. Next, run 'Python uart'_ Peripheral_ Serial.py'.

4. Then you can find your PI device. If your device does not appear in the list, please repeat step3.

Next, start the MyCobot Controller APP.

Click on the Bluetooth switch, please allow all necessary permissions for the software, otherwise it may not be possible to scan your device.

Then wait for the device scan to complete, the list will update all scanned devices, confirm the MAC address of the device you want to connect to, and then click 'Connect'.

Note: When connecting to a PI device, the phone and device need to be paired after clicking on the connection button, otherwise Bluetooth will be disconnected.

After connecting to Bluetooth, you need to click the power on button to control the movement of the robotic arm.