

Robot Hand Software Instructions

文档版本 V1.0.0.2

软件版本 V1.0.0.2

协议：CAN

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1 The Installation And Operation

Ensure supply voltage 7V, current 3A. Users can send the executable file to the desktop for subsequent operations

2 Functions Of The System

2.1 System Interface

This software is mainly composed of three parts, 1. Menu bar, 2. Control bar, 3. Command bar
The command bar displays the corresponding protocol commands. You can compare them by yourself.

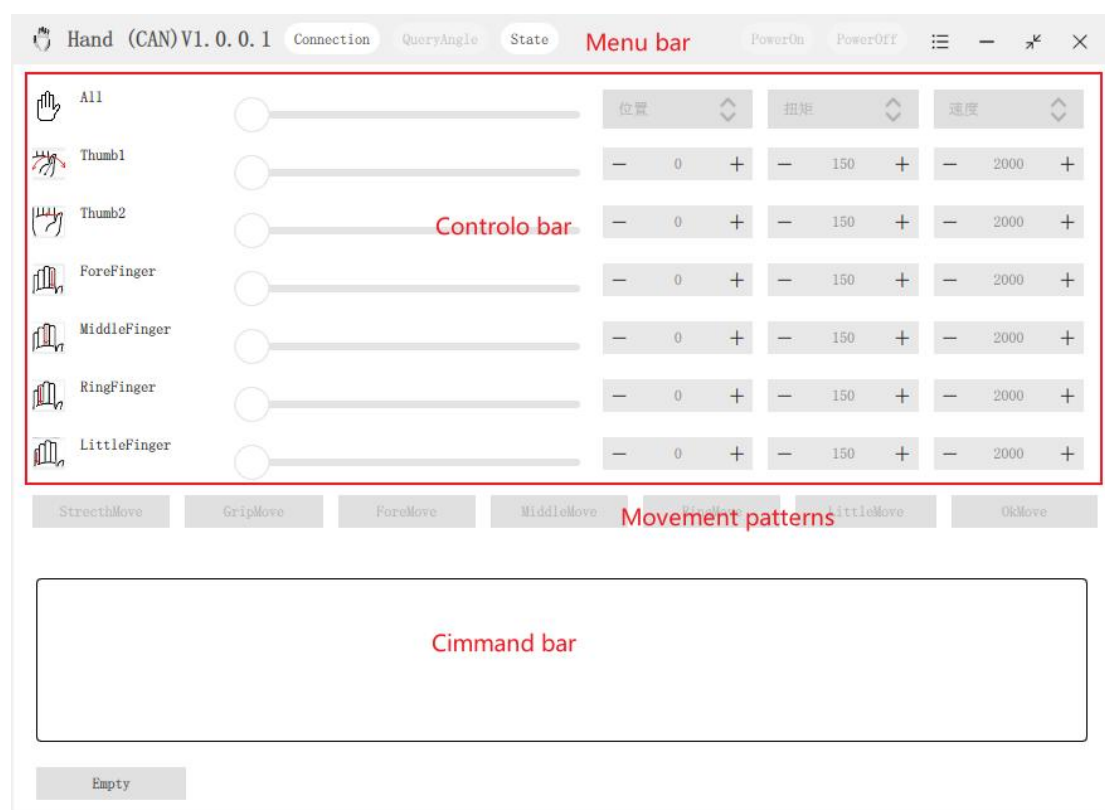


图 1

2.2 Internal Status Settings interface

The Meaning Of Each Joint	6	The upper joint of the thumb
	5	The lower joint of the thumb
	4	Index finger
	3	Middle finger
	2	Ring finger
	1	Little finger

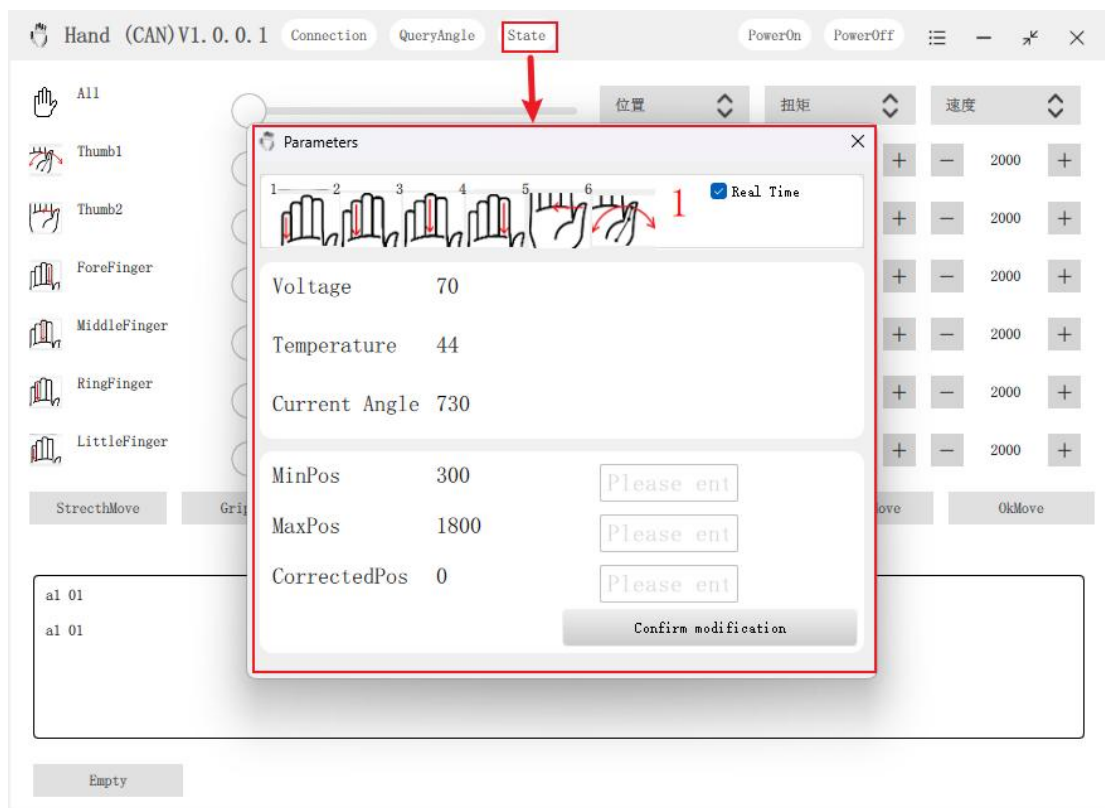


图 2

2.3 Menu Bar Interface

2.3.1 About

Click the "About" button to view the version number.

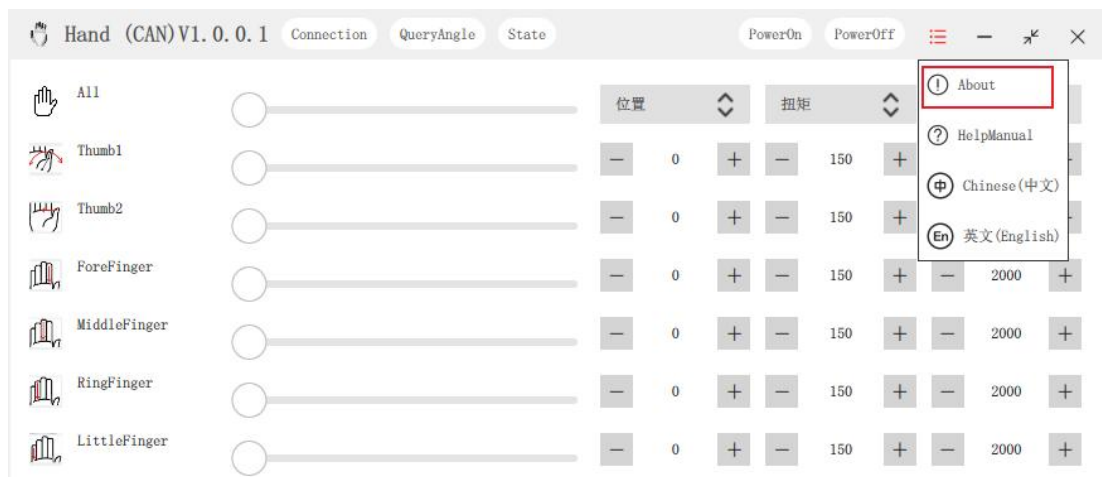


图 3



图 4

2.3.2 Help Manual

Check the user manual.

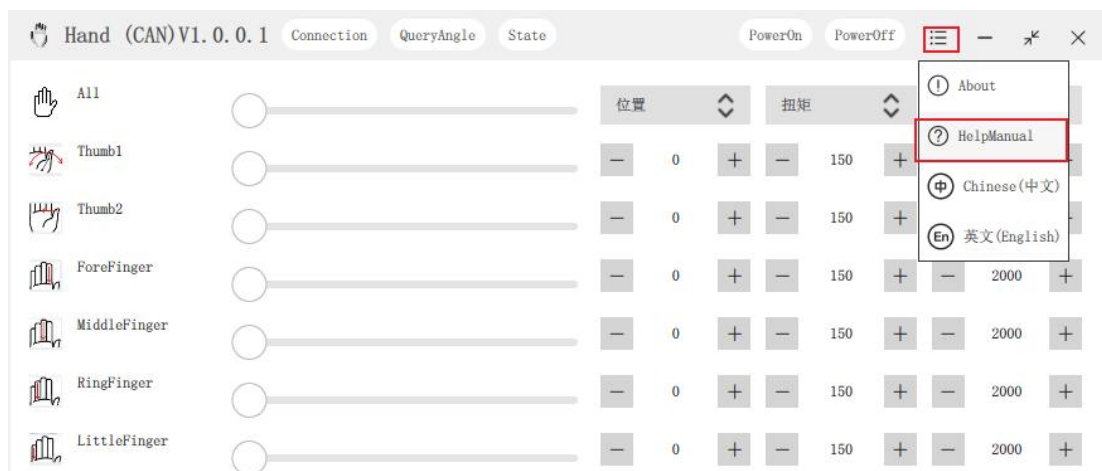
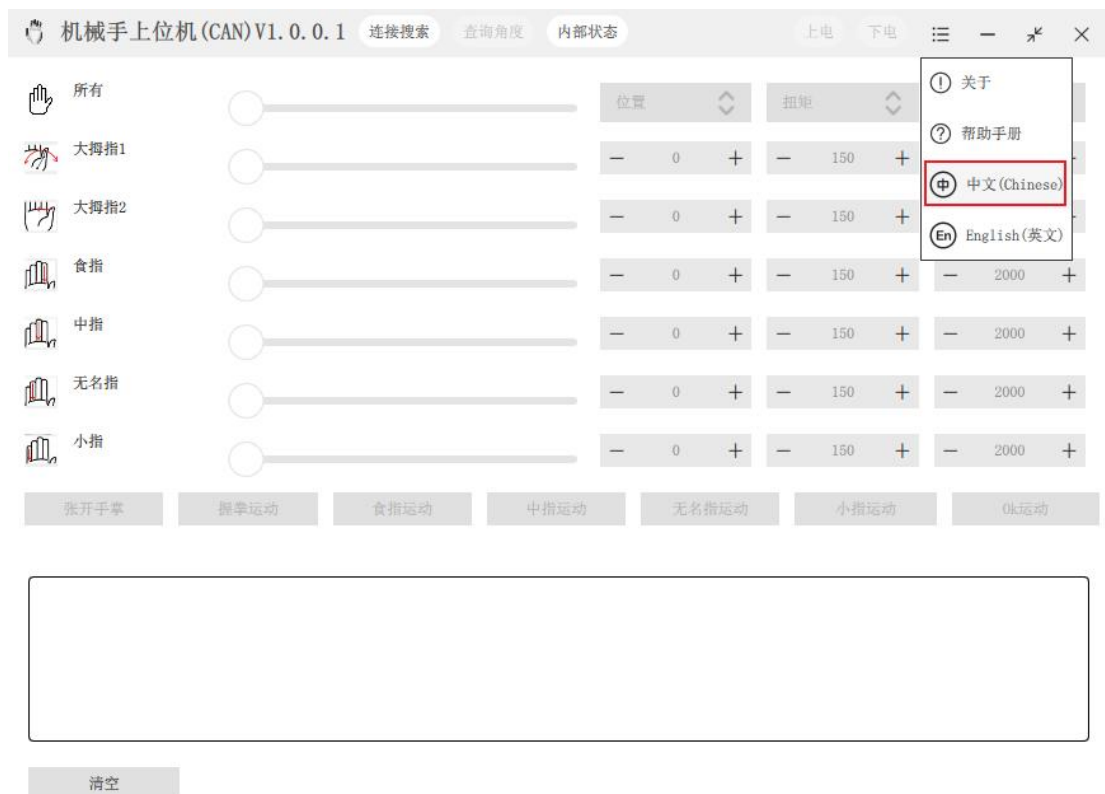


图 5

2.3.3 Translation

It can be translated into any language you want.



2.3.4 Change The Original Baudrate And Id

Click "Connection Search" in the menu bar, after successfully opening the CAN interface, modify the specific two parameters according to personal needs.



图 6

3 Basic Controls

3.1 Open CAN

Make sure to power on, click "Connection Search" in the menu bar, click the "search" button in the pop-up window, the searched port number will be added to the list of the main window and open.

Note: When the robot is not powered on and successfully connected, the interface button is disabled.

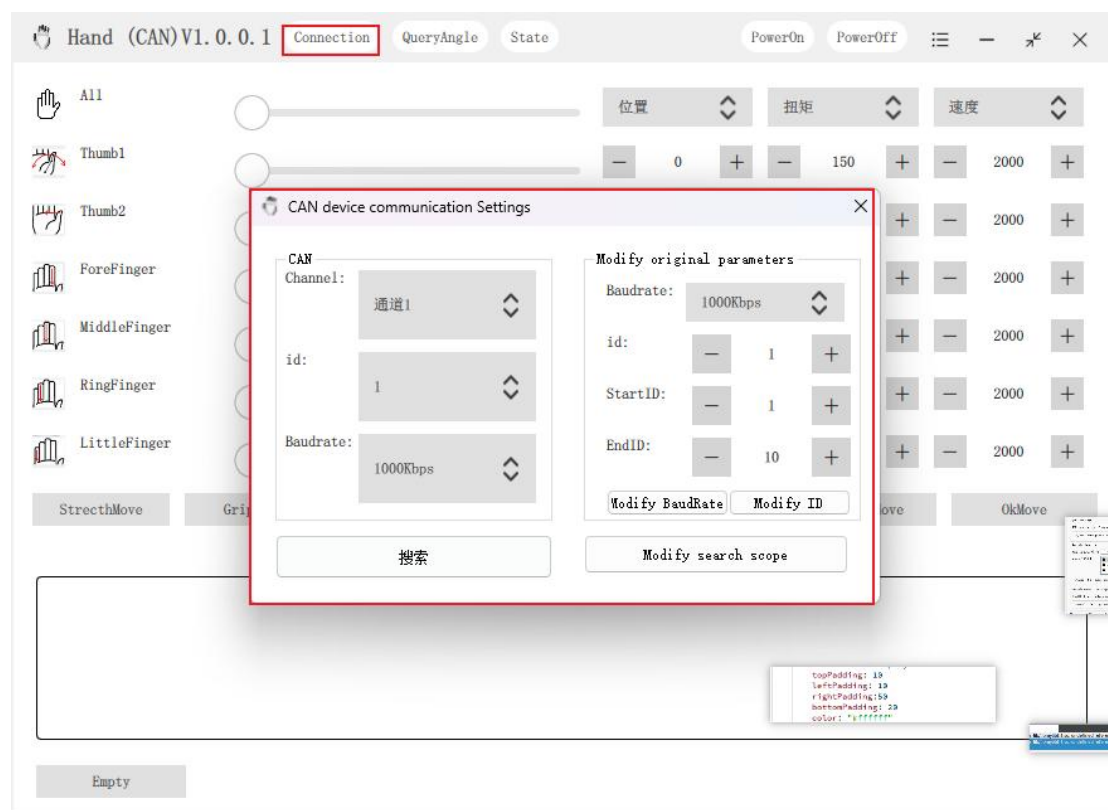


图 7

3.2 Seven Movement Patterns

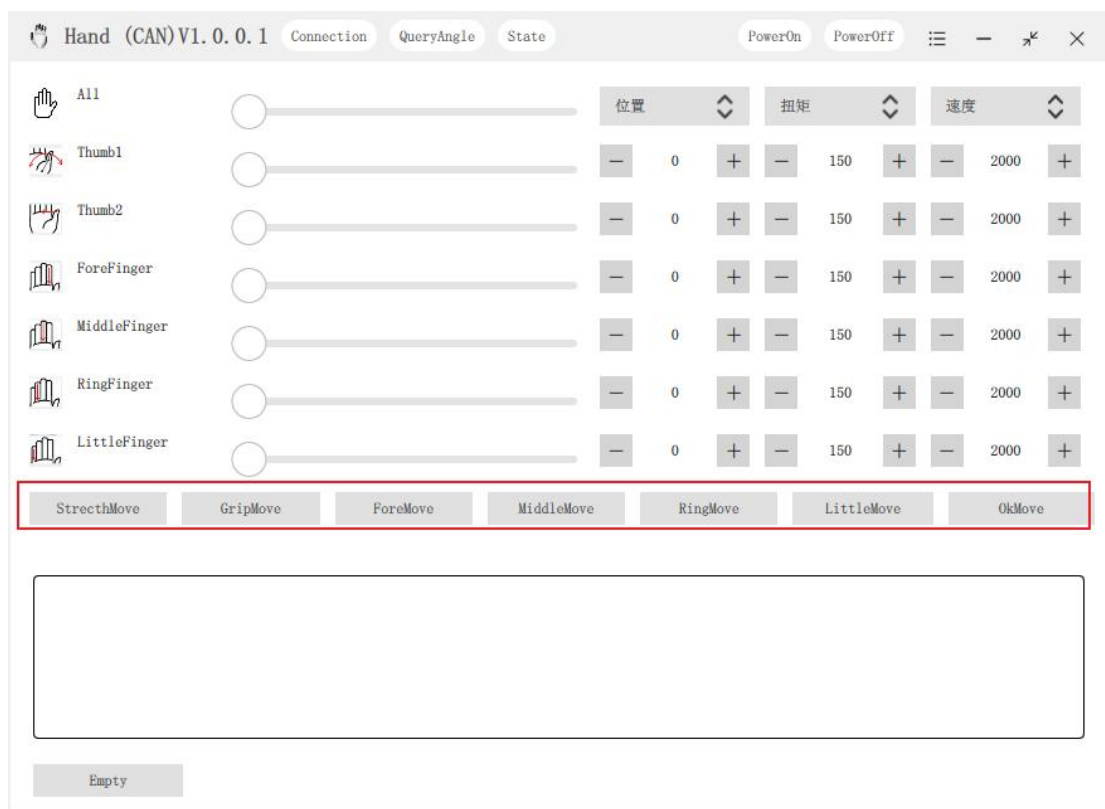


图 8

3.2.1 Position Setting

Set the joint Angle, usually the joint Angle is from 0-90.

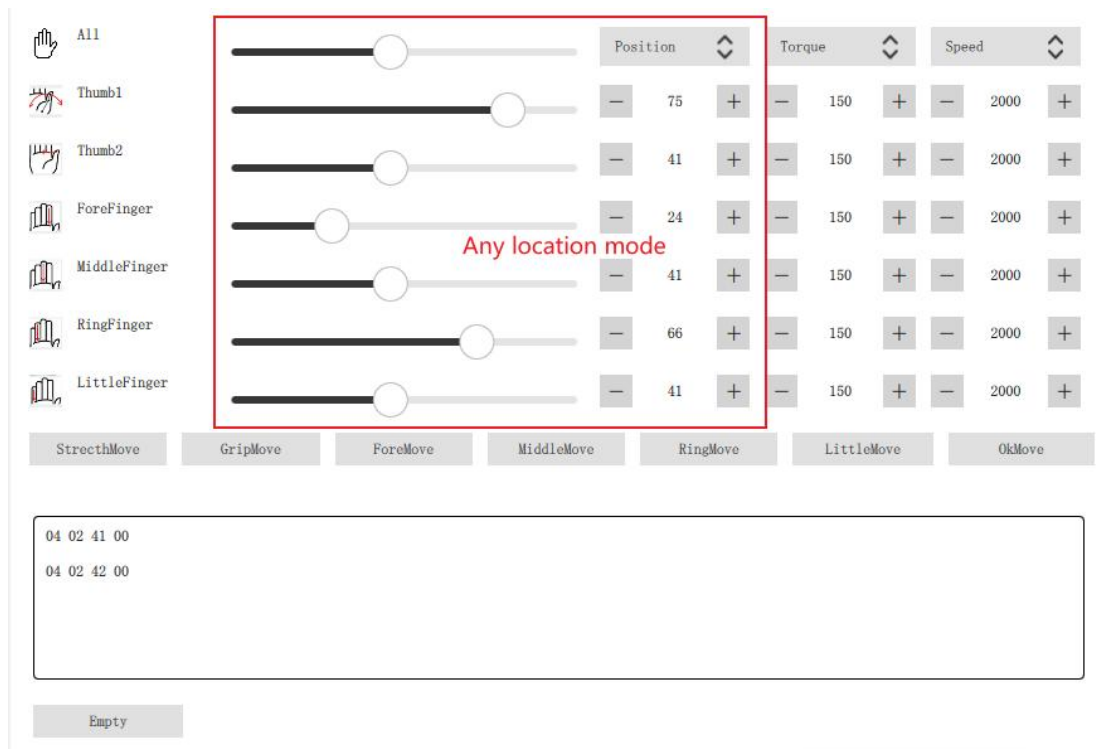


图 9

3.2.2 Speed Setting

The speed ranges from 1 to 5000. The default value is 2000 after power-on.



图 10

3.2.3 Torque Setting

The torque ranges from 1 to 1000. By default, 1000 is started after power-on.

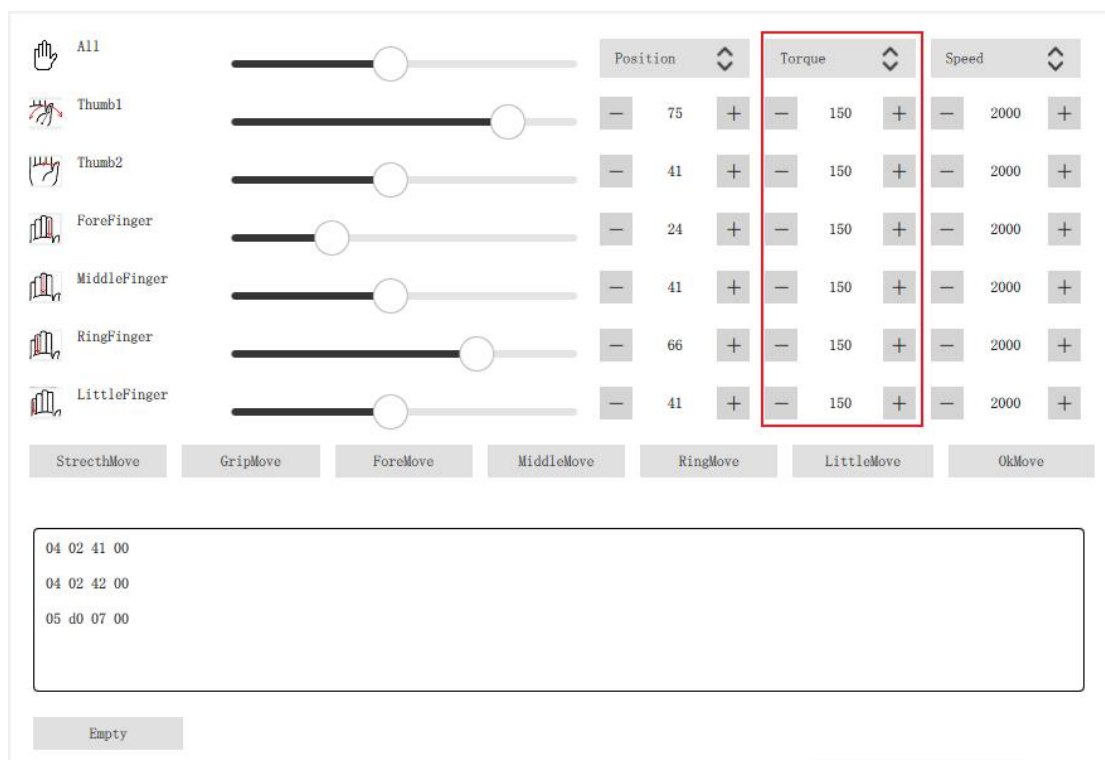


图 11

4 Power On And Off

Click the "Power On" button in the menu bar.

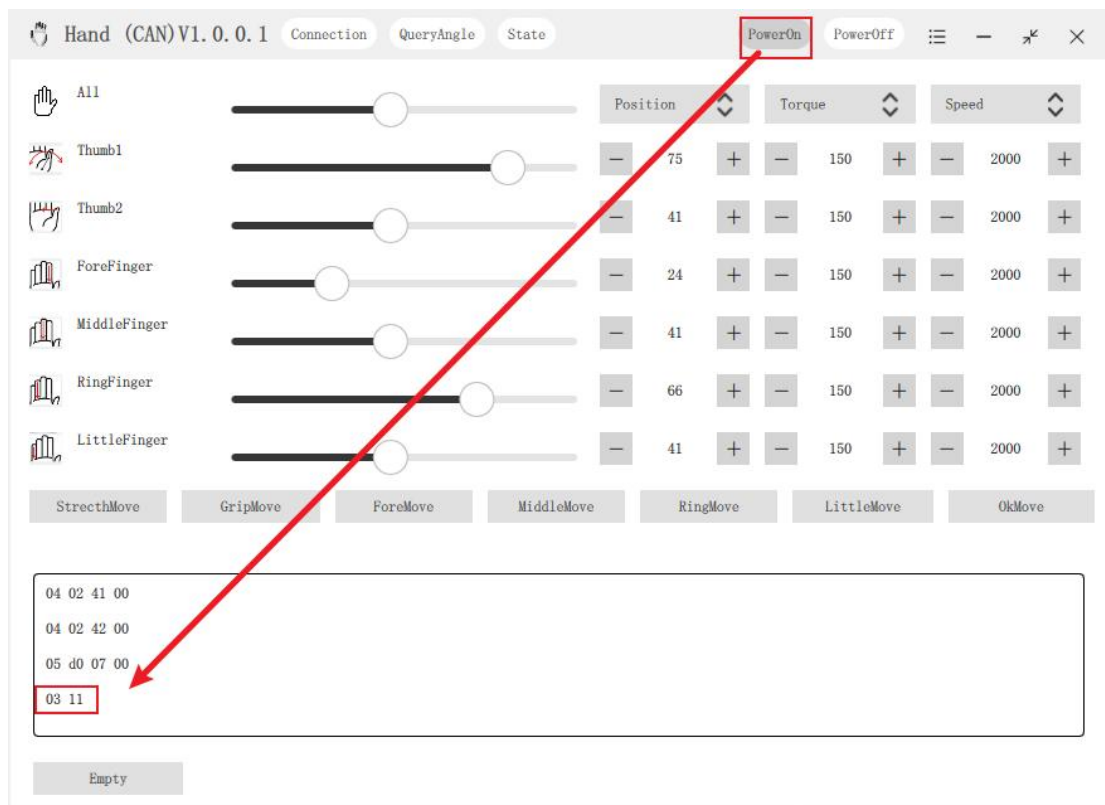


图 12

Click the "Power Off" button in the menu bar.

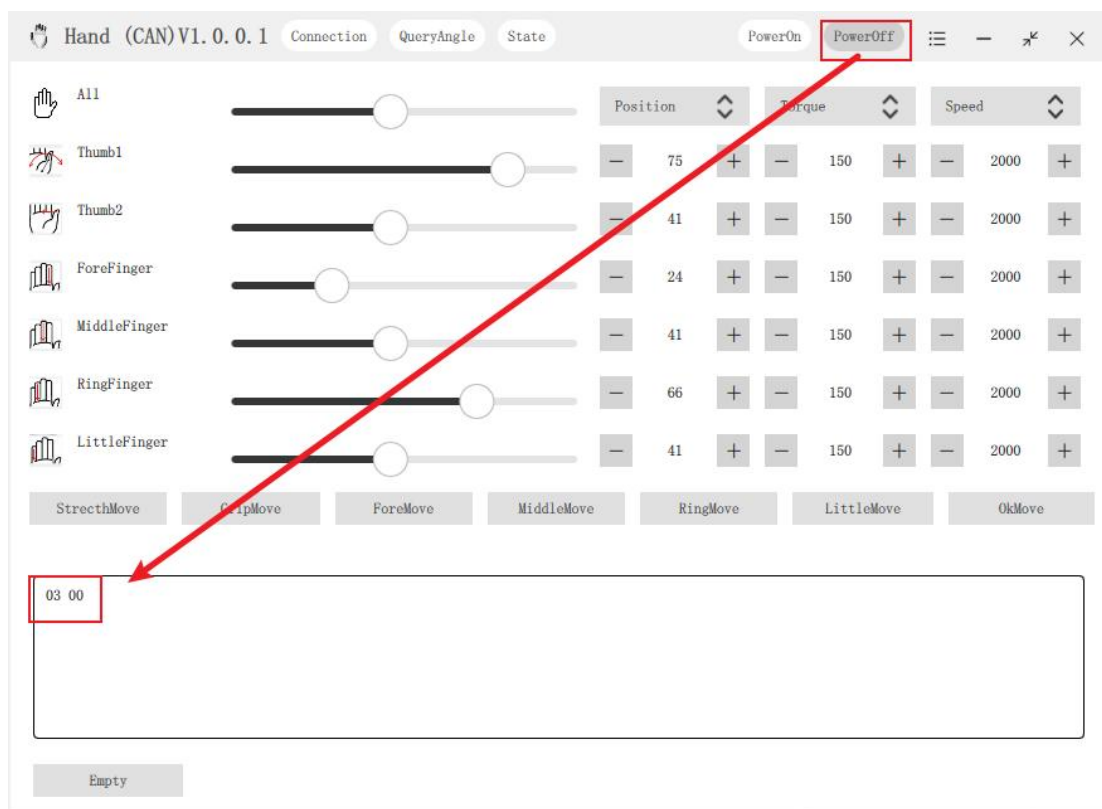


图 13

5 Query Angle

Click the "Query Angle" button in the menu bar.

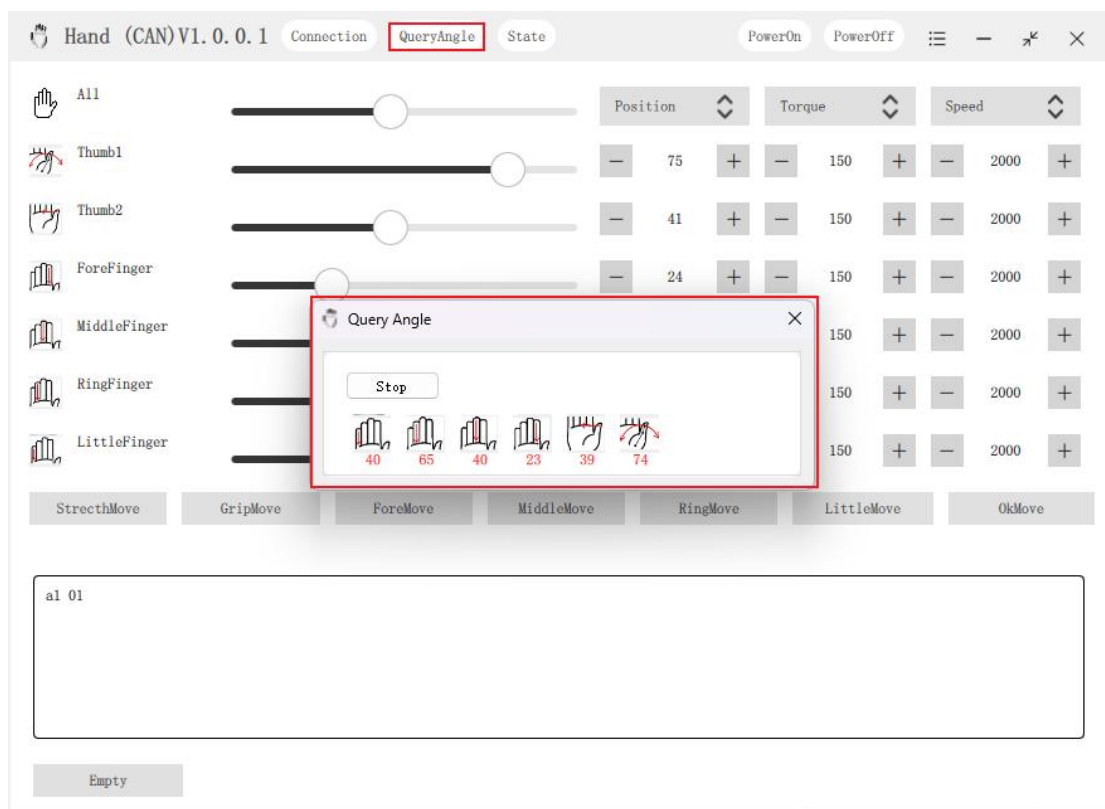


图 14

6 Set And Get Internal Status

Click the "State" button in the menu bar. If you select the id to be obtained, related parameters are displayed in real time.

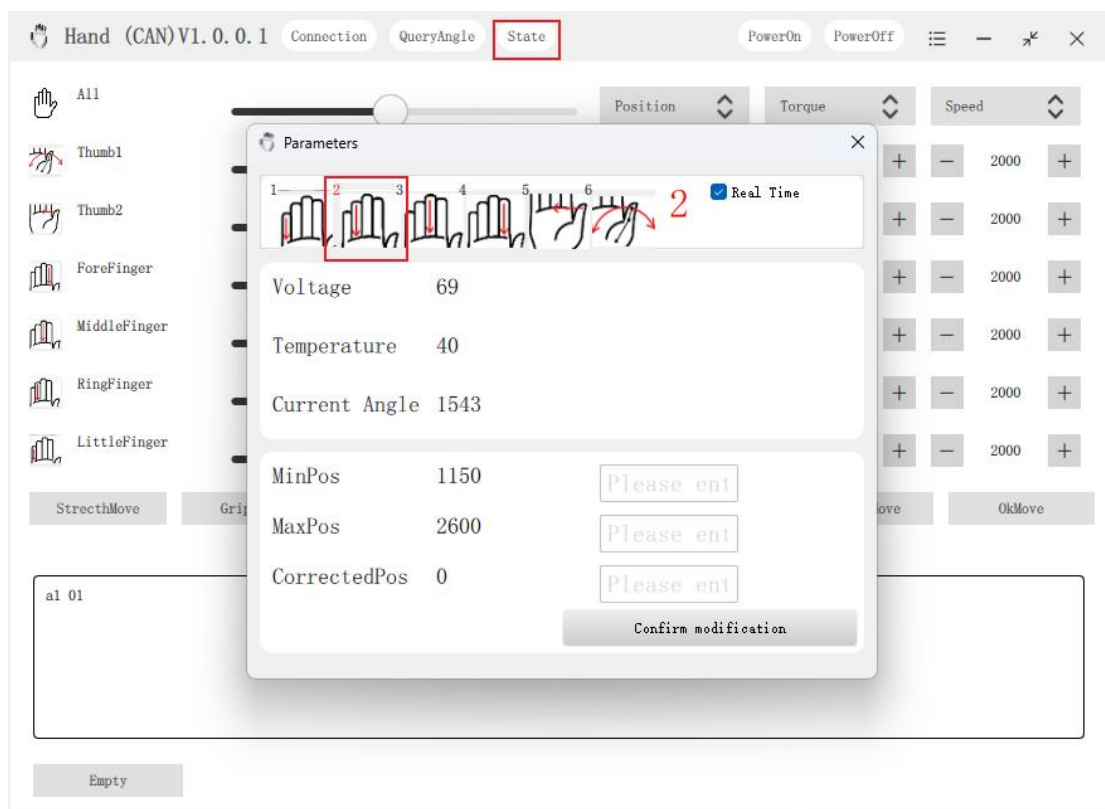


图 15

After modification, select Confirm Modification to modify the corresponding three positions.

Note: It cannot be modified at will. When the maximum and minimum positions need to be moved freely through power-on and power-off, the current Angle value can be read to set the corresponding-parameters.

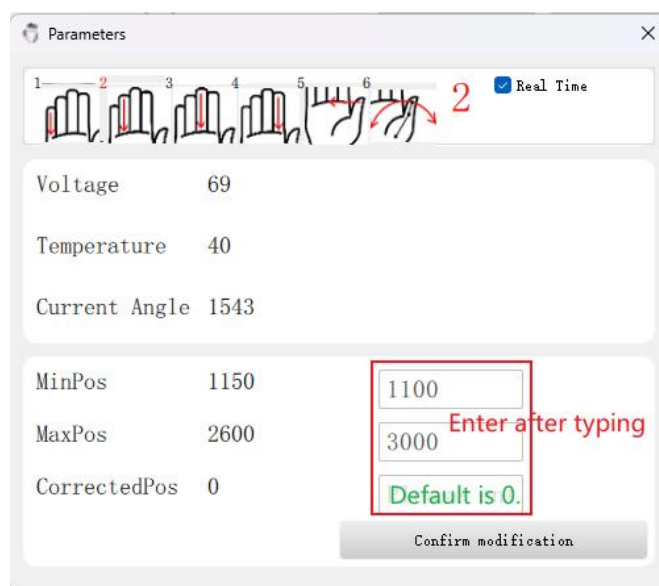


图 16

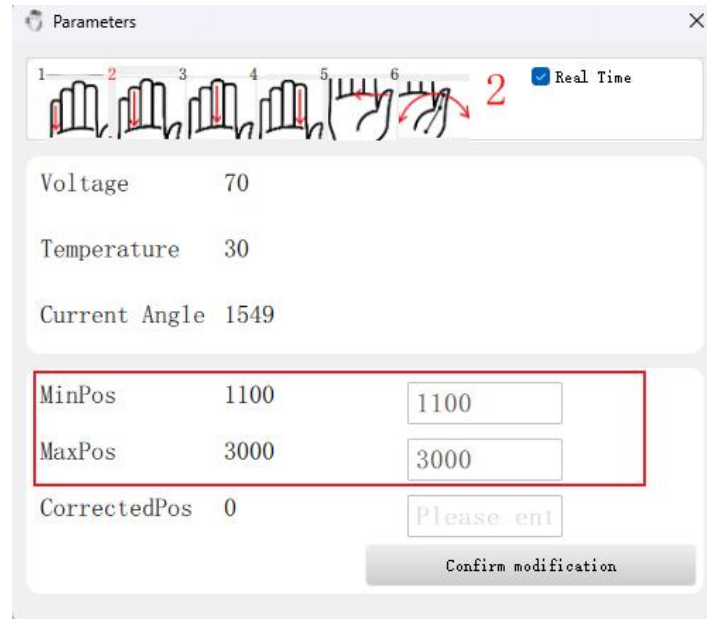


图 17