

xArm Servo ID Setting

All the servos will execute same action when you set they are in the same ID number by accidentally. Therefore, we need to set the ID number for each servo again.

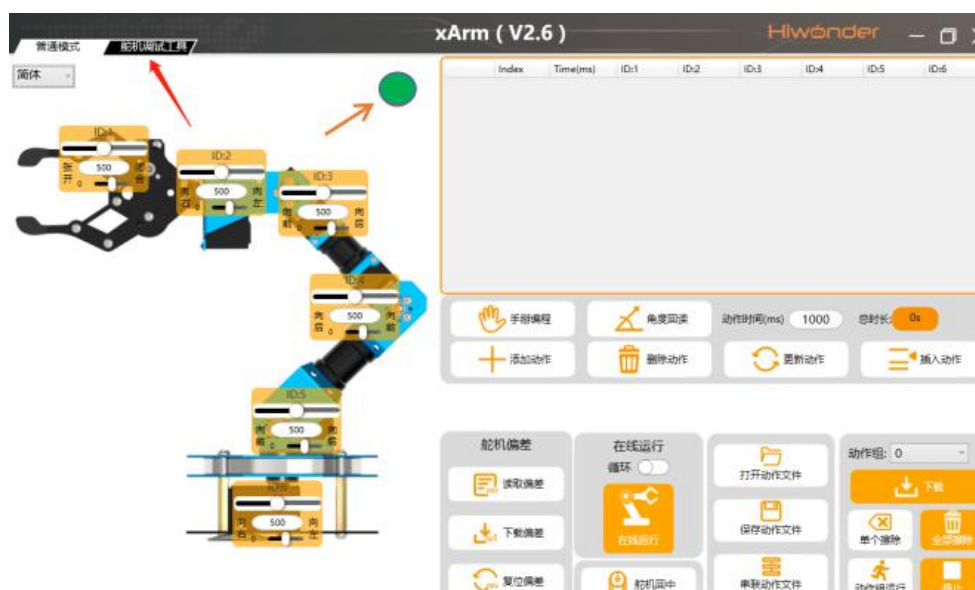
Getting Ready

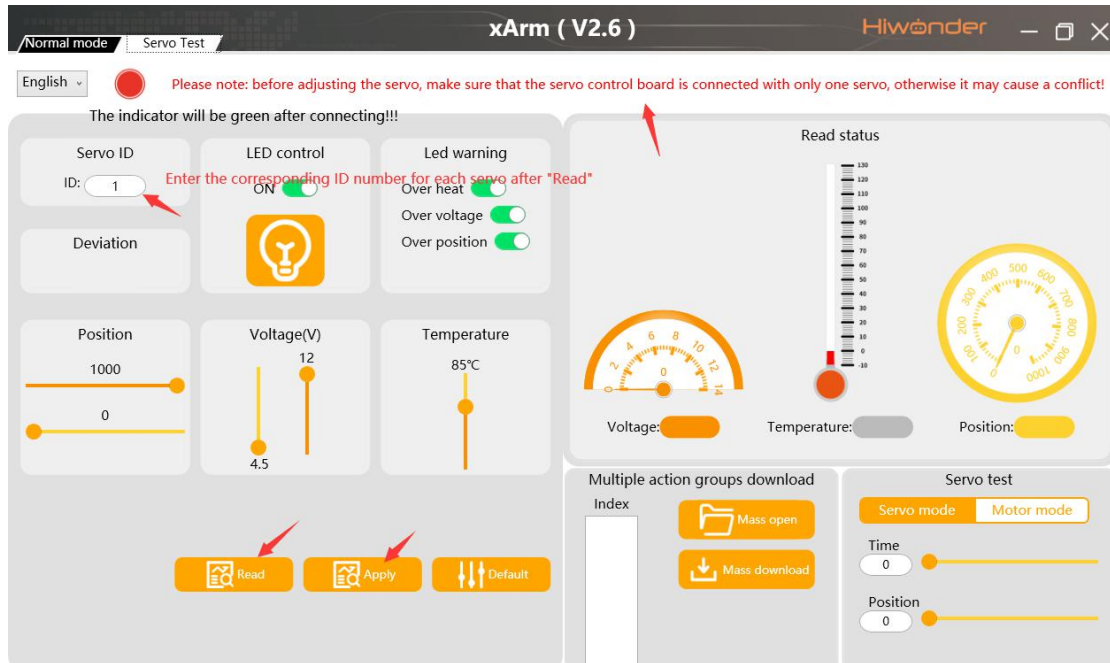
1. Disconnect the series-connected servos from each other, and each servo has only one wire connected to itself.
2. Make sure that the servo controller is connected only one servo, otherwise it may cause a conflict.

If the servo control board is connected with all the servos during adjustment, clicking “Apply” icon, you will find that all the servos being set to the same ID. And then the servos are running at the same time, the xArm is not working properly.

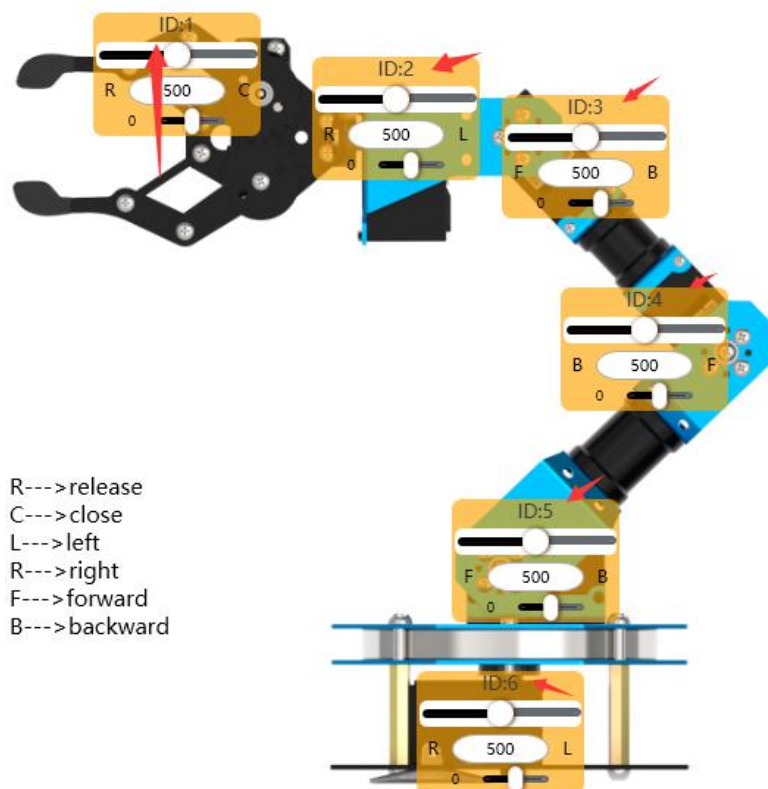
Operation Steps

1. Insert a single servo into the control board. Use the data cable to connect the control board and the computer, turn on the power supply switch. Then turn on the PC software to the “Servo Test”.





2. After the connection is successful, click the “Read” button to read the current ID number of the connected servo. Then revise the corresponding ID number according to the servo position below.



1. Click “Apply”. The setting of the connected servo is finished.
2. Unplug the servo whose ID is set, and connect another servo whose ID needs to be set to the control board. Repeat the process of 2-3 until all servos are set with IDs.
3. Then, install the controller board on the robotic arm. Use the servo cable to reconnect all the servos in series, and finally connect the No. 6 servo cable to the servo interface on the control board. In this way, the operation of modifying the servo ID is completed.