Hiwonder
Shenzhen Hiwonder Technology Co,Ltd

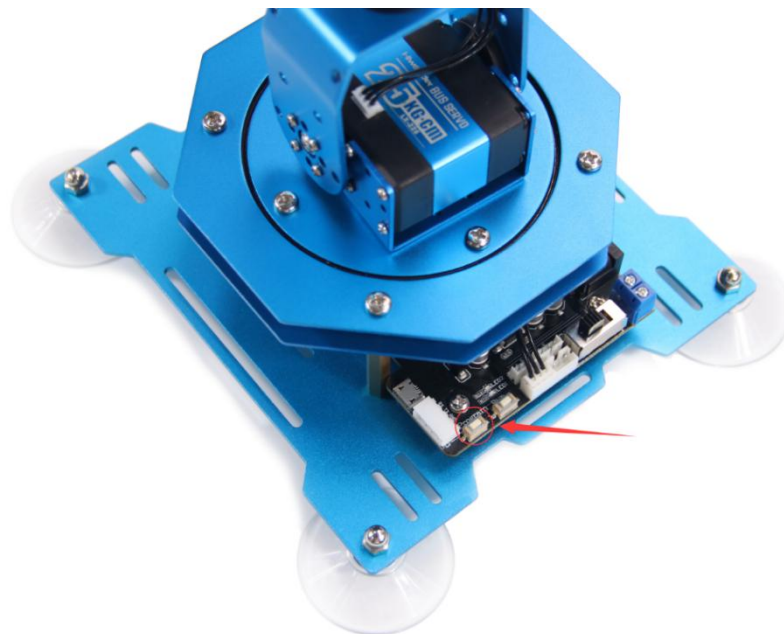# Lesson 2 Manual Button Programming

1. Project Outcome

There is a editing button on the xArm 1S controller. When there is no external device such as computer and mobile phone, you can manually change the robotic arm posture by pressing the button. This is another method of programming.

2. Complete Program

Here is an example of editing three actions. Details are as follow:

Step1: Power on the robotic arm and turn on the switch.

Step2: Long press the【Program】button on the controller about 3s,then the board will "beep" once, which means it enters the programming mode.
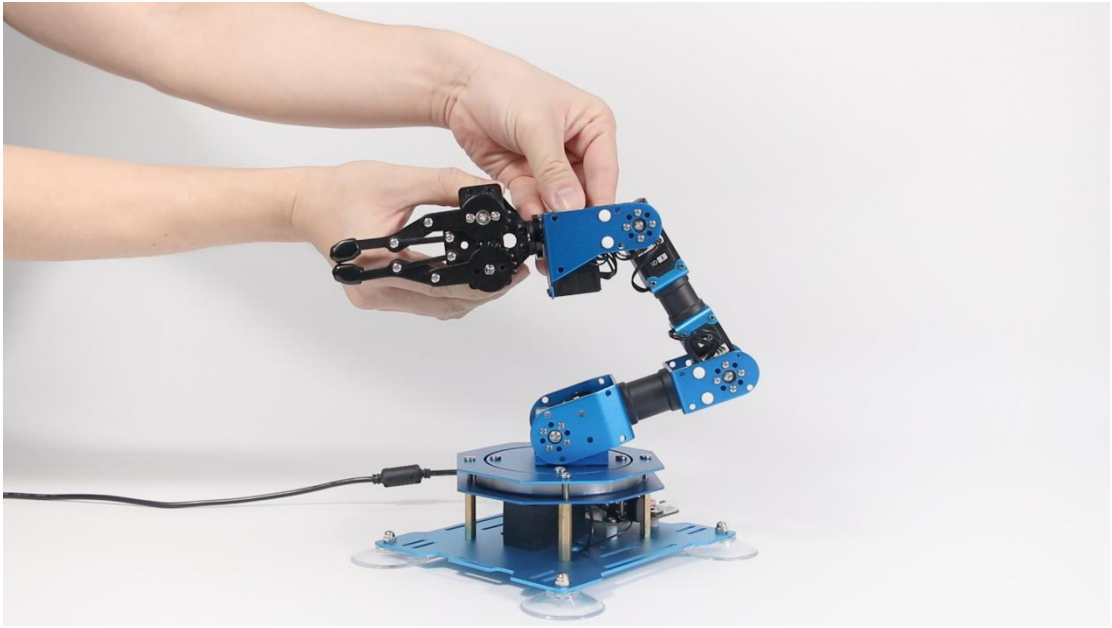
Step3: Take the rotation of the No.5 servo as the first action. Hold the robotic arm and rotate it gently, then press the【Program】button.

Step4: Rotate the No.4 servo slightly upwards, and short press the 【Program】button again after completion. This is the second action.

Step5: For the third action, we can slightly turn the No.1 servo to the right. After completing this action, long press the【Program】button to enter the programming end mode.

Slightly press 【Run】 button can perform the action that you just programmed once. Long press it for 3s to run continuously. During the circulation running, short press the button again to switch back to the state of running once.