

NEWGY TECHNICAL SERVICE BULLETIN

Servo Selection – Robo-Pong 2050/1050

August 17, 2016

There is a new special feature not covered in the Robo-Pong 2050/1050 Owner's Manual that now allows the owner to change from the original Dong Yang (DY) servo to the new Hi-Tec (HT) servo. The change to the HT servo was rolled out as a higher performance upgrade to the DY servo for the 1050/2050 robots. Contained in the firmware version v2.59 is a selection for the servo type (DY) or (HT).

If you have recently used the "Restore Factory Defaults" feature on the v2.59 firmware, the controls will now be set for a DY servo and you will notice the Robot Head will now move in the opposite direction.

To reset the servo to HT:

- Unplug the Power Supply to the Control Box
- Depress the "Down Arrow" key on the Control Box
- Maintain the "Down Arrow" in the depressed position and insert the Power Supply jack to the Control Box
- The Startup sequence will begin and HT will flash across the screen
- Once you see the HT flash on the screen, you can release the button and the Start Up sequence will complete
- The Control Box is now set to use the HT servo
- To check this change, Press the "Menu/ Ok" button
- Select "Normal" mode
- Use the "Down Arrow" to select "L-Position"
- Using the "Minus / Left Arrow" button lower the "L-Position" to "0"
- With the robot facing you the head should have moved from the middle to the left
- If the head goes the opposite direction (middle to right) – either the "Down Arrow" button was not fully depressed and the change of servo type did not occur or the servo is a DY.