

**DN POWER Mini Servo Adjuster Operation Manual**

1. Introduction

Mini Servo Adjuster (hereafter we call it the Device)

This device is comprised of a mini CPU chip and a circuit board. Its function is very handy and size is compact to most of the model players.

2. Operating wattage Range: 4.8~7.2volts

3. Device major functions:

Through the Device Output Socket can deliver “Ratio control pulse width” and the other function, through the Device Input Socket can receive Ratio control pulse width.

4. Device major usages:

a. Testing and Adjusting Transmitter at any channel of its ratio control pulse width

b. Testing and Adjusting Servo

5. Instruction for Testing and Adjusting Transmitter on any channel of ratio control pulse width (see diagram 1) ; the Device power supply can also be acquired through the OUTPUT socket, but no two sockets could be used at the same time. The sockets and plugs are designed for most of the servo like JR, Futaba and etc.

- a. Connect like diagram 1, and then turn on the power of the Receiver and the Transmitter need tested.
- b. The TEST mode light will be on, when the receiver is ready to ransmit signal.
- c. The DISPLAY will show the pulse width of the transmitter. The reading unit is in 10u seconds. Normal reading should be in between 1000~2000u seconds. The reading should be varied when moving the control rod of the transmitter. The reading should read 150 (which is 1500u seconds) when the control rod is at its optimal or center position.

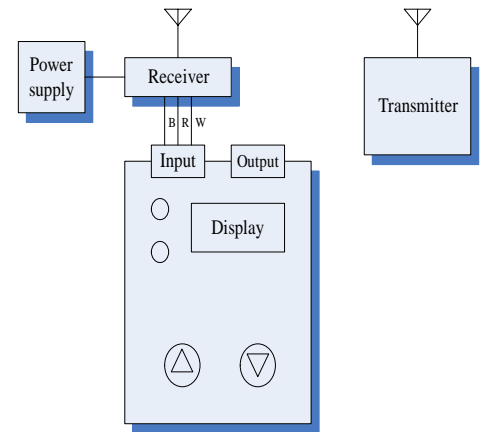


Diagram 1

6. Instructions for Testing and Adjusting Servo

- a. Connect like diagram 2: connect power supply to the INPUT socket and put the servo wire plug into the OUTPUT socket.
- b. At this moment, the device is in “COMMON” mode where no auto or test lights is on.  
By pressing either UP or DOWN button, the reading will be ascending or descending correspondently, while the servo will swing from left to right.
- c. By pressing the UP and DOWN button together or press & hold either button and press the other, the servo will return to its optimal for other position. At this moment, the reading should read 150 (which is 1500u seconds).
- d. From COMMON mode to AUTO mode, u can press any button and hold, and then press the other button twice. The AUTO mode light will be on, at this point the device will give out continuous variation pulse (1000~2000u seconds), to test on the speed capacity of the servo. At any interval, u can press UP or DOWN button to speed up or slow down the variation speed.
- e. The Device will return to COMMON mode by press and hold one button and then press the other once.

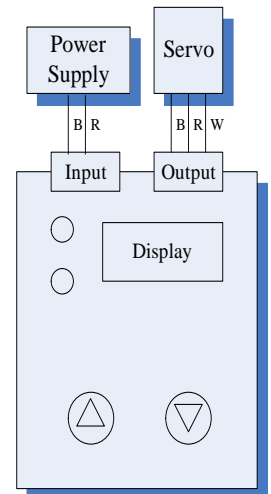


Diagram 2