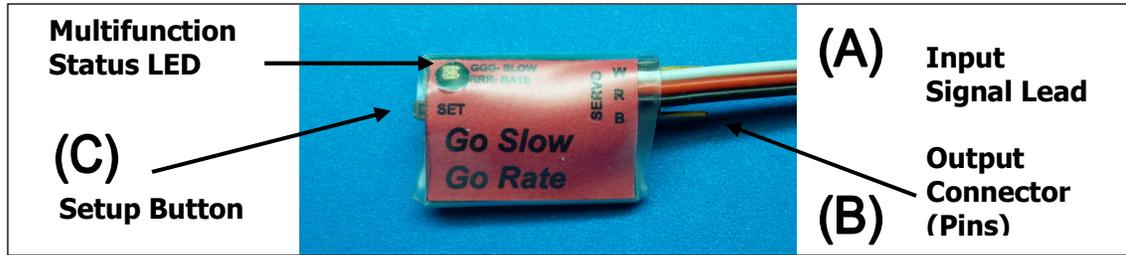


Go Slow/Go Rate

General layout



Quick Setup Guide

1. Plug the Go Slow/Go Rate **Input Signal Lead (A)** into the desired channel of your receiver.
2. Plug a servo into the **Output Connector (B)** on the Go Slow/Go Rate taking note of the correct polarity.
3. Use the **Setup Button (C)** to set the servo mid-point, maximum and minimum position end points.

Features

- Allows the user to choose between slowed position mode and rate control mode for servo control, and one of four different speed settings.
- All configuration settings are stored in non-volatile memory.
- Go Slow/Go Rate will not command the servo to positions beyond the user defined end points.

Multifunction Status LED

When power is initially switched on both red and green lights will turn on. The Go Slow/Go Rate will then indicate its configuration using the LEDs. (This pattern is also displayed when the operating mode is changed):

3 blink GREEN	Slow mode
3 blink RED	Rate mode

During setup operation the function of the Multifunction Status LED changes to indicate:

1 blink GREEN	Set neutral pitch command
2 blinks GREEN	Set maximum servo position
3 blinks GREEN	Set minimum servo position

Setup Mode

Before entering setup mode you should have your Go Slow/Go Rate plugged in to the desired receiver channel on your receiver, and a servo connected to the Go Slow/Go Rate.

1. To enter setup mode turn on your transmitter, press and hold the setup button on the Go Slow/Go Rate, then turn on your receiver. The status LED will flash and will then show a solid green to indicate that you've entered Setup mode. (You may now release the Setup button.) The status LED will now flash a 1 green blink pattern. On the transmitter set the controlling channel for the Go Slow/Go Rate to neutral then press and hold the setup button until the LED flash pattern changes to a solid green – this will save the neutral command settings. When you release the setup button the LEDs will begin flashing a 2 green blink pattern.
2. Adjust the commanded position on your transmitter to its maximum limit (that does not cause a connected servo to bind) and while holding full push and hold the setup button again until the flash pattern changes to a solid green – this will save the maximum servo position setting. When you release the setup button the flashing will change to a 3 green blink pattern.
3. Adjust the commanded position on your transmitter to its minimum limit (that does not cause a connected servo to bind) and while holding full push and hold the setup button again until the flash pattern changes to a solid green – this will save the minimum servo position setting.

The Go Slow/Go Rate will now automatically exit from setup mode and return to normal operation.

Operating Mode

The Go Slow/Go Rate has two modes of operation: Slow mode and Rate mode. In Slow mode the servo output will follow the input command but at a user-set reduced rate. In Rate mode the servo output is commanded to turn clockwise or counter-clockwise by the command stick position and will stop moving when the command stick is returned to a neutral position. Choosing the operating mode is done during normal operation, however the mode will not be activated until the next time the unit is turned on. To change operating mode press and hold the set button for a half second, then release. The new operating mode will be indicated by the LED with a 3-green blink pattern for SLOW or a 3-red blink pattern for RATE.

Speed Adjustment

During normal operation mode, press and hold the set button for at least 2 seconds, then release. When the button is released the speed setting will change to the next setting and the red LED will flash the new sensitivity setting value. There are four speed settings which range from 1 to 4, 4 being the fastest and 1 being the slowest. The default sensitivity setting is 1. Note that the speed setting affects both Slow mode and Rate mode.