

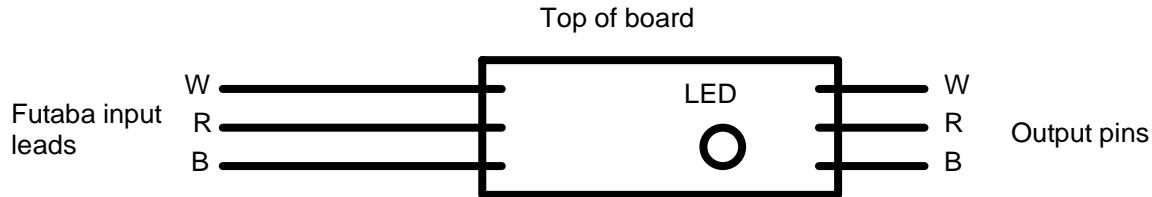
RCE600C - Intel I g e n t S e r v o D r i v e r

Mounting

The RCE600C intelligent servo driver is small and light enough to be taped to a non-conductive surface or lashed with a tie wrap. A piece of clear heat shrink tubing has been shrunk over the device prior to shipping.

Hook-up And Operation

The RCE600C comes prewired with Futaba style connectors. All you have to do is plug it in! There are two user options that you may select; more is explained below.

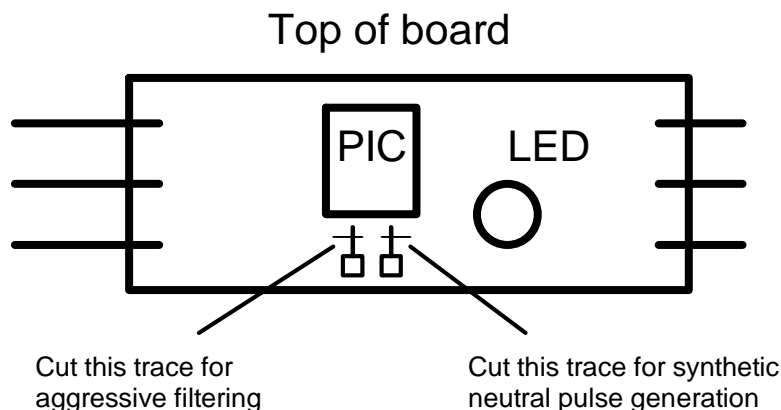


Operation is simple: plug the Futaba lead into your R/C receiver. The filtered and signal buffered output will be available to drive your ESC, servo, etc. on the output pins. The signals on the output match the input: white input matches white output, etc.

There are two user configuration options for the RCE600C: more aggressive input signal filtering and synthetic neutral pulse generation.

The RCE600C is shipped with a general purpose digital filter enabled. If you are operating in a very noisy environment, or with a low quality FM radio, you may wish to cut the indicated trace to invoke a more powerful digital filtering algorithm.

Some ESCs (and most R/C servos) will not default to a neutral position when the R/C signal is lost. The RCE600C will optionally generate a neutral signal if that happens (as shipped, it will not generate any signal if the R/C receiver signal is lost.) Refer to the diagram below for information on enabling both options.



Operation

The onboard LED aids in setup and displays the status of your radio link:

- | | | | |
|------------|--|--------------|--------------------------------|
| ○ Off | The board is unpowered | ⊛ Fast blink | Valid signal; device is active |
| ● On solid | Transmitter fault: no valid signal detected (no output signal emitted) | | |