castle

TRANSMITTER PROGRAMMING REFERENCE

1.Brake/Reverse Type
- With Reverse*
- • Without Reverse
- • • Crawler Reverse

2.Voltage Cutoff
- Auto-Lipo*
- • None

3. Brake Amount
- 25%
- • 50%*
- • • 75%
- • • • 100%

4. Drag Brake
- Disabled*
- • 10%
- • • 20%
- • • • 30%
- • • • • Crawler Full On

5. Motor Type
- Brushless*
- • Brushed Reversing

6. Motor Direction
- Normal*
- • *Reverse*

**Default Setting*

TRANSMITTER PROGRAMMING

Transmitter programming is very easy; simply answer YES or NO to a list of options. These are grouped into five settings and each setting has several possible options. You can only accept one option per setting. By answering YES to an option, you will jump to the next setting. If you answer NO to an option, you will move to the next option within that setting.

At each option, you can accept it by going to full throttle on your transmitter, or you can reject the option by going to full brake. In programming terms, full throttle is 'YES' and full brake is 'NO.' The ESC will indicate that it has accepted your selection by producing a continuous "skipping" tone. When you hear this tone, allow the trigger to go back to the neutral position to advance to the next setting or option depending on your selection.

How To Get Into Programming Mode:

1. Turn your transmitter on.

2. Plug the battery into the ESC with its switch off. If your ESC does not have a switch, hold full throttle on your transmitter before plugging in the battery.

3. Hold full throttle on your transmitter and turn the ESC switch on.

4. The ESC will go through its boot-up sequence and blink the green LED. If the ESC's voltage cutoff is set to Auto-LiPo (the default setting), then the ESC will emit a sequence of beeps indicating the number of battery cells. If the number of beeps does NOT match the number of cells, disconnect the battery and confirm that it is fully charged.

5. There will be a sequence of four "rings" and the red LED will blink.

6. Keep holding the trigger, within 6 – 8 seconds there will be a sequence of four “rings” and the yellow LED will blink. You are now in programming mode; let the trigger return to neutral.

To Make Changes In Programming Mode:

Once in programming mode, the ESC will beep once, pause, then beep once again and repeat until a change is made with your transmitter. For instance, if you want to adjust setting 1 (Brake/Reverse Type) to option 1 (With Reverse) you would pull full throttle to select it. When the trigger is returned to neutral the beep pattern will change to 2 beeps followed by 1 beep. By selecting an option, you have now moved on to setting 2 and option 1. If at setting 2 (Cutoff Voltage) you reject option 1 (Auto-LiPo) by going to full brake/reverse, the beep pattern will then change to 2 beeps followed by 2 beeps. This means the ESC is still at setting 2 but is now asking if you would like to accept option 2 (None).

Reject options unless you wish to change that specific setting. As an example, say you want to adjust the Drag Brake to 20%. Work through the settings and options, rejecting all options until you get to 4 beeps, meaning setting 4 (Drag Brake), followed by 3 beeps, meaning option 3 (20%). Select this option by going to full throttle.

Once you have changed the setting you want, you can unplug power from the ESC to get out of programming mode. You do not need to finish all of the settings. The ESC will store your changes until you change them again.

The next section of the manual gives a description of each of the settings and options and what to expect when you change an option from default.