Speed Controller Programming Instructions For ESC
40 Amp Aircraft ESC from JustGoFly

ESC: 40 Amp Continuous, 60 amps for 10 seconds
BEC: 3A
Li-Poly 2-3 cells; Ni-MH 4-10 cells Auto Detect
Break On/Off;
Auto Low battery Slow down at 3.0V/cell Lipo, cut-off at 2.9V/cell Lipo. NiMh when selected will cut off at 60% of starting voltage. Both cut offs can be disabled.
Programmable options: LiPo, NiMh, Break
Weight: 39 grams - 1 oz
Size: 45x24x9

Programming Instructions:

1. Connect your motor and receiver to the speed controller, but do not connect the battery.
2. Turn on your transmitter and put the throttle stick to FULL ON.
Please Note: Most Futaba transmitters have the throttle channel reversed by default.
3. Connect your battery and you will hear a starting beep tone.

After 3 seconds, the controller will start beeping a sequence as follows.
All beeps repeat once.

4. To select, move the throttle stick to off position. Then you will hear a confirmation sound.
5. Each time when you select an option, it will exit programming menu and is ready to use.
To choose another option, you need restart from step 1.

Once you start the ESC in full throttle mode the ESC will start a sequence of three phases, two beeps per phase, then progress to the next phase.

Phase 1	Phase 2	Phase 3
Beep, pause Beep pause	Beep Beep pause Beep Beep pause	Beep Beep Beep pause Beep Beep Beep Pause

Options Table 1:

	Beeping (with 0.5s break)	Options	Toggle first time	Toggle second time
Phase 1	Beep, pause	LiPo Cell	3 volts per cell	3 volts per cell
Phase 2	Beep, Beep, pause	NiMh Cell	Cut off voltage at 60% of starting voltage	Cut off voltage at 60% of starting voltage
Phase 3	Beep, Beep, Beep, pause	Brake	Enable	Disable

Selection of Phase 1 will disable phase 2 until Phase 2 is selected, which in turn disables Phase 1 selection.
Selection of LiPo disables the NiMh selection and vice versa.

Normal – Low Throttle Power up

The ESC will chirp three times in succession on a normal power up – regardless of the voltage.