Onedimerc Speed Controller Programming Instructions			Option 1 (2S-6S)-ESC	H70A (2-6s Lipo)
			Cell Type and Number of Cells 5-	H50A (2-3s Lipo)
WWW.ONEDIMERC.COM			• — 1 Short + 1 Long	NiMh/NiCD Auto Cell Count -
For Advance programmable helicopter version			• — — 1 Short + 2 Long	6S Li-Po (22.2V) -16.8V Cutoff Voltage
50A/70A ESC			• — — 1 Short + 3 Long	5S Li-Po (18.5V) - 14V Cutoff Voltage
*Phrases 1 Enter programming Mode			• — — — 1 Short + 4 Long	4S Li-Po (14.8V) - 11.2V Cutoff Voltage
			• — — — — 1 Short + 5 Long	3S Li-Po (11.1V) – 8.4V Cutoff Voltage
Connect your motor and receiver to the speed controller, but do not connect the battery yet.			• — — — — 1 Short + 6 Long	2S Li-Po (7.4V) – 5.6V Cutoff Voltage
Turn on your transmitter and move the throttle stick to the full throttle position (full up). Plea:			and a month order A	
Note: Most Futaba transmitters have the throttle channel reversed by default.			Option 2. Throttle Setting 5——	Auto Throttle Range *
Connect your battery and the controller will initialize with a musical tone.			2 Short + 1 Long 2 Short + 2 Long	1.1ms to 1.8ms
Phrases 2 Programming			•• — — 2 Short + 2 Long •• — — — 2 Short + 3 Long	Hard Acc
After 3 seconds, the controller will start beeping a sequence of tones - a musical tone follows			•• — — 2 Short + 3 Long •• — — — 2 Short + 4 Long	Soft Acc
			** — — — 2 Short + 4 Long	Solt Acc
by one or more beeps. Each sequence represents a parameter that you can program and is repeated			Option 3. Throttle Type	
times. The parameters are:			••• — 3 Short + 1 Long	Normal (Disable Governor Mode) *
2-	Music Tone + 1 Beep	Options 1. Cell Type and No. of Cell	••• — — 3 Short + 2 Long	Governor Mode with 2-4 poles motors
<u></u> -	Music Tone + 2 Beeps	Options 2. Throttle Setting	*** 3 Short + 3 Long	Governor Mode with 6-10 poles motors
5	Music Tone +3 Beeps	Options 3. Throttle type	3 Short + 4 Long	Governor Mode with 12-14 poles motors
	Music Tone +4 Beeps	Options 4. Direction and Cutoff Type		
<u></u>	Music Tone +5 Beeps	Option 5. Timing Mode	Option 4. Direction and Cutoff Type	
2		ļ	4 Short + 1 Long	Clockwise Rotation *
5	Music Tone +6 Beeps	Option 6. PWM setting	4 Short + 2 Long	Counterclockwise Rotation
Step 1. Starting, Enter Sub-optins. When you hear the sequence for the parameter you wish			**** 4 Short + 3 Long	Soft Cutoff
program, move the throttle stick to the Center Position to Enter Sub-options. The controller w			— — 4 Short + 4 Long	Hard Cutoff *
then start beeping a Morse code sequence of short and long beeps representing the possib			Option 5. Timing Mode Setting	
options you may choose for the selected parameter. See table 2 for a list of all programmable option			1	
Each option sequence is repeated 3 times.			— 5 Short + 1 Long	1° - For 2-4 Pole Inrunner Motors *
Step 2 Select and save, the select the option, move the throttle stick back			5 Short + 2 Long	7° - For 6-8 Pole Motors
the Full-up-position., When you hear the sequence for the option you wish to select. The controll			5 Short + 3 Long	15°- For 10-14 Pole Outrunner Motors
			5 Short + 4 Long	30° - For 10-14 Pole High-RPM
will then save the selected option, and sound a long beep as a confirmation. It then goes back to the				Outrunner
beginning of the programming sequence (phrases 2).				
Step 3 Complete programming and save options. Setup all the parameters you need to change.			Option 6.	
When complete, move the throttle stick to the Lowest (Down) Position. The controller will save $\boldsymbol{\epsilon}$			Pulse Width Modulation(PWM) Setting	-
options and re-initialize in normal running mode so you can start your motor.			— 6 Short + 1 Long 8KHz	- For low RPM and low pole count motors *
The table below summarizes the various programming options for each parameter:			6 Short + 2 Long 16KHz	- For most out runner motors
The table below summarizes the various programming options for each parameter: Note:Helicopter version 50A suppriors 2-3s lipo only. Customer just choose corresponding options in				
Note: Hencopter version 30A supports 2-35 into only. Customer just cusous corresponding opions in				