SUPPO™ Speed Controller **Programming Instructions**

For Helicopter ESCs H20A/H30A/H50A

H20A/H30A/H50A Parameters:

ESC for Helicoptor	Cons-Current	**Max Current**	BEC	Input	TIMING	PWM	Governor mode	Cut-off Voltage	Weight
H20A	20A	30A	5V 3A	2-3 Lipo	0	8k	Programmable	Lipo mode: 2.8V per cell	25g
H30A	30A	40A	5V 3A	2-3 LiPo	0	8k	Programmable		28g
H50A	50A	65A	5V 3A	2-4 LiPo	0	8K	Programmable		50g
Other features: * Lipo cells auto-detect *Soft star * Governor mode programmable (4 options: Disable, 2-4 poles, 6-10 poles, 12-14 poles motor) * ESC slow down at 3V per cell lipo and Cut –off voltage at 2.8V per cell									

Programming Instructions:

1. Connect your motor and receiver to the speed controller, but do not connect the battery yet.

2. Turn on your transmitter and full up the throttle stick. 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 following. All beeps only repeat once.

4. To select, move the throttle stick in off position, between Beeps repeat. 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.

Options Table , ESC for Helicopter with Simple options

	Beeping (with 0.5s break)	Options (one option selected, others will be disable)
1	—,— （1 long sound）	Normal（Disable Governor Mode）＊（default）
2	——, ——,（2 long sound）	Governor Mode with 2-4 poles motors
3	———, ———,（3 long sound）	Governor Mode with 6-10 poles motors
4	———— , ———— ,（4 long sound）	Governor Mode with 12-14 poles motors

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