Towerpro Instruction Manual for 40A/60A

BRUSHLESS MOTOR CONTROLLER
SETUP MENU (for new 40A and 60A)

Type	Current	Fe t	BEC	Timing mode	PWM	LIPO	NIHM
TP-40A	40-60	12	No	2/7/15/30	8/16/32K	4 to 6	12/18
TP-65A	65-90A	15	No	2/7/15/30	8/16/32K	4 to 6	12/18

This speed control does not have a built-in battery-eliminator circuit (BEC).   You must either use a

4.8V receiver pack, or use a separate switching BEC to provide power to your receiver.

First, connect the motor and receiver to the speed controller

Remove battery power from the speed controller.

Turn on the transmitter.

Move throttle stick on full power position (UP Position)

Reconnect battery power to the speed controller

After 3 sec you can hear (all sound is 3 times)

∮ —	CELL Type AND Number of cells
∮ — —	BRAKE
∮ — — —	TIMING MODE
∮ — — — —	Pulse Width Modulation (PWM)

ON you need programming menu, move the throttle stick to the middle position

1.   CELL Type AND Number SET

•—	NiMh/NiCD Auto Cell Count - 0.8V/Cell Cutoff Voltage
•— —	4S Li-Po (14.8V) - 11.6V Cutoff Voltage
•— — —	5S Li-Po (18.5V) - 14.5V Cutoff Voltage
•— — — —	6S Li-Po (22.2V) - 17.4V Cutoff Voltage
•— — — — —	Not used

*IF used 2LIPO you can use the option (select the NiMh/Nicd AUTO)

2.   BRAKE SET

••—	NO
••— —	SOFT
••— — —	MID
••— — —	HARD
••— — — —	Not used

3.   TIMING MODE SET

•••—	3º
•••— —	8 °
•••— — —	15º
•••— — — —	30º
•••— — — — —	Not used

4.   Pulse Width Modulation (PWM) Setting

••••—	8KHz – For low RPM and low pole count motors
••••— —	16KHz – For most outrunner motors
••••— — —	32KHz – For high RPM outrunner motors

IF the option is you need, then move the throttle stick to UP position.

The long BEEP is save the option. and the system will go to the programming menu.

You can setup other options.

When all you need option is setup ok, push the throttle stick to down position, after

1 sec the system will save all option, then you can start the motor now!!