

## **ACS Under 30A Series of Brushless Speed Control Instruction**

MOS-FET : 30A ; Peak Amp 40A within 10 second

Work Voltage: 4-10NIMH 2-3LIPO

BEC Output : 3A

Cut-off protect: Auto 2-3LIPO , per cell 6V / 9V

Auto Ni-Cd / Ni-mh, per cell 0.8V

Throttle safety , Throttle not correct position can not start running.

Temp Protect, over 110degree start protect cut-off

Lost signal protect, lost PWM signal

Basic 8Mhz PWM control by TX signal

### **Program Setting:**

1. Throttle range setup (full throttle and stop).
2. Turn on transmitter and set throttle to maximum position.
3. Connect battery to ESC. After approximately 2 seconds, the LED flashes rapidly, then 1 second after you will hear 2 beeps (1 KHZ tone) confirming the maximum throttle position has been set. If you hear 3 times long BEEP —BEEP BEEP BEEP——BEEP BEEP ..... sound, it mean entering program setting status,

First out-setting

BEEP :

It mean - Auto 2-3LIPO , each cell 6V / 9V

BEEP BEEP :

It mean - Auto Ni-Cd, each cell 0.9V

BEEP BEEP BEEP :

It mean – Break setting

BEEP BEEP BEEP BEEP :

It mean – return to first setting, as cycle.

All of first setting will going cycle until you have choice entering second details program.

If sound cycle get what you intend to program set, then you put throttle positive to low, at same time, the motor will making peak Voice for confirm, once you intend value of program faction being done, waiting 2 second, the motor will making a peak Voice for re-confirm, then you can put throttle back to low position for re-start running.

Confirm Voice:

1. Longer Voice Beep , it mean Ni-cd / Ni-Mh protect
2. Shorter Voice Beep , it mean Li-Poly Protect

Break Voice:

The Default set is none of break function, if you want to turn on break faction, you have to get into program details and choice you want value of break, if you want to turn off break faction, you can simple get into program details and set throttle to low position, then waiting 2 second until motor peak voice confirm, it mean tune off break function.

\*\* Notice, please make sure you brushless motor and propeller size are fitting correct, otherwise once break function being turn on and matching incorrect propeller size it might cause motor burn or ESC getting 110 degree tempture protect function earlier.

### **Contact & Warranty Info**

The Alturn USA company is cover warranty for in year from date of purchase to be free from manufacturing and component defect, this warranty doesn't cover abuse, beglect, or damage due to incorrect wiring, over voltage, or overloading, if you have any question or got any problems, or wish to repair or replacement that you can contact ours support tem directly.

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