## SETUP MODE

1.Setup mode: Make sure to connect the ESC to the throttle channel of the receiver. Please refer to the user manual of your radio system. The second step is to connect the 3 power-out signal pins to the brushless motor. Before you turn on the transmitter, please adjust the throttle stick to the maximum full throttle position. Proceed to connect the battery to the ESC. You will hear confirmation sounds as soon as you enter the SETUP MODE. Please refer the attached flow chart for details.

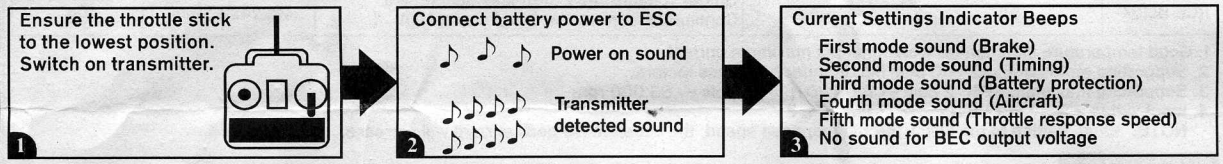
2.Throttle stick positions in Setup mode: Setup mode includes six settings: Brake, Electronic Timing, Battery Protection, Aircraft, Throttle Response Speed and BEC output voltage. Every setting has three options. Simply place the throttle stick in the highest, middle, and lowest positions for each setting. For example, first brake setting (Hard): move the stick to the highest position. Then timing setting (mid): move the throttle stick in the middle position.

| Mode \ Throttle position | Low | Middle | High |
|---|---|---|---|
| Brake | ●Brake disabled(1-1) | Soft brake(1-2) | Hard brake(1-3) |
| Electronic Timing | Low-timing(2-1)] | ●Mid-timing(2-2) | High-timing(2-3) |
| Battery Protection | ●High cutoff voltage protection(3-1) | Middle cutoff voltage protection(3-2) | —— |
| Aircraft | Normal Airpane/Glider(4-1) | ●Helicopter 1 (Soft Start)(4-2) | Helicopter 2 (Soft Start+Governor Mode)(4-3) |
| Throttle response speed | Standard(5-1) | Medium speed(5-2) | ●Quick speed(5-3) |
| BEC output voltage | 5.0V | 5.5V | ●6.0V |

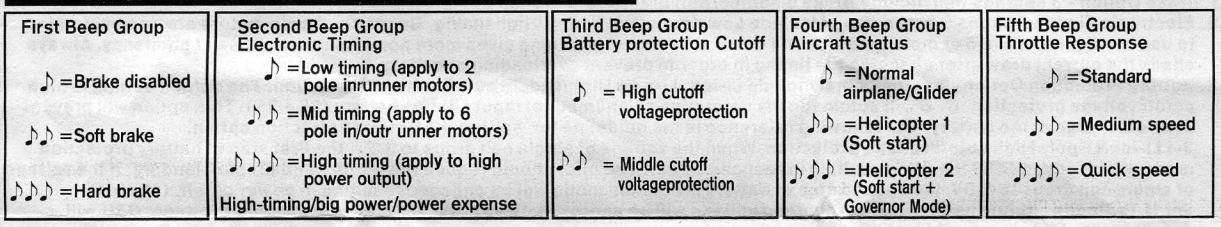
Note: " ●" default setting

Chart A

## ESC START-UP INSTRUCTION




## CURRENT SETTINGS INDICATOR BEEPS EXPLANATION




## INSTRUCTIONS ON AIRCRAFT MODE SETTINGS

**Normal Airplane/Glider Mode (Option 4-1):**This option is applied to general airplanes and gliders.

**Helicopter 1 Mode (Option 4-2):**This option provides a soft start feature and is applied to Helicopters for Normal, Idle Up 1, or Idle Up 2 modes.Please note that the sensitivity of the gyro should be set lower when flying in Idle Up 1 or Idle Up 2 modes if tail hunting (wag) occurs due to higher rotor speed.

**Helicopter 2 Mode (Option 4-3):**This option supports soft start as well as Governor Mode features and is applied to Helicopters for Idle Up1 and Idle Up 2 modes(not suitable for Normal Flight Mode). When Governor Mode is in use, the throttle should be set between 75% and 85%. Again if tail wag occurs, lower the sensitivity of the gyro to eliminate the hunting effect. The Governor Mode may not work properly in cases of insufficient rotor speed (due to improper gear ratio), poor battery discharge capability, and improper setting of gyro sensitivity and the blade pitch, etc. Please make sure all the proper adjustments have been done when using Governor Mode.

## SETUP MODE (Minimum 4 channel radio is required)