

# BMC SERIES BRUSHLESS MOTOR CONTROLLER

## SETUP MENU (only for 15A)

Type	Current	Fe t	BEC	Timing mode	PWM	LIPO	NIHM
15-N	15A/20A	12	5V/4A	3/8/15/30	8/16/32K	2to5	6/16

- BEC will work 3-Cell LIPO or under (10cell NIMh/NiCd)
- 4-5LIPO Cells or 12-16 cells NIMh/NiCd MAX with BEC disabled

## PROGRAMMING SEQUENCE

- Firstly, *CONNECT* the motor and receiver to the speed controller
- Turn *ON* the transmitter.
- *MOVE* throttle stick on full power position (*UP* Position),
- *CONNECT* battery power to the speed controller

After 3 seconds you will hear the following tones, repeated 3-Times:

. —	CELL Type AND Number
. — —	BRAKE
. — — —	TIMING MODE
. — — — —	PWM

If you would like to program any of the above parameters follow step 1-4 below with a *UP-Position*, *Neutral Position Sequence*.

- 1) CELL Type AND Number**
- |           |                              |
|-----------|------------------------------|
| . —       | NiMh/NiCd AUTO (0.8V/CELL**□ |
| • — —     | 3LIPO (2.75V/CELL□           |
| . — — —   | 4LIPO (2.75V/CELL□           |
| • — — — — | 5LIPO (2.75V/CELL□           |
- \*\*IF 2-Cell LiPo used select the NiMh/NiCd AUTO**
- 2) BRAKE**
- |            |      |
|------------|------|
| •• —       | NO   |
| •• — —     | SOFT |
| •• — — —   | MID  |
| •• — — — — | HARD |
- 3) TIMING MODE**
- |             |     |
|-------------|-----|
| ••• —       | 3°  |
| ••• — —     | 8°  |
| ••• — — —   | 15° |
| ••• — — — — | 30° |
- 4) PWM**
- |            |       |
|------------|-------|
| •••• —     | 8KHZ  |
| •••• — —   | 16KHZ |
| •••• — — — | 32KHZ |

## NOTES

Once you arrive at the parameter option you require, move the throttle stick to the 'UP position'. A 'LONG BEEP' will confirm the option, and the system will go to the programming menu. You can then move on to the next parameter. When all the parameter's are set, push the throttle stick to down position, after 1sec the system will save all of your settings. Then you can start the motor!!