

# BRUSHLESS SPEED CONTROLLER



## SETTING SEET

BL-SP4

BL-RS4

BL-PRO4

|           |         |             |       |            |            |         |            |               |        |       |  |
|-----------|---------|-------------|-------|------------|------------|---------|------------|---------------|--------|-------|--|
| CIRCUIT   |         |             |       |            |            |         |            | DATE          |        |       |  |
| DRIVER    |         |             |       |            |            |         |            | CHASSIS       |        |       |  |
| CATEGORY  | TOURING | 1/12 RACING | GT    | FORMULA    | OFF 2WD    | OFF 4WD | DRIFT 2WD  | DRIFT 4WD     |        |       |  |
| SURFACE   | ASPHALT | CARPET      | DIRT  | ASTRO TURF | CONCRETE   | P-TILE  |            |               |        |       |  |
| CONDITION | INDOOR  | OUTDOOR     | DUSTY | WET        | DRY        | BUMPY   | SMOOTH     |               |        |       |  |
| TRACTION  | HIGH    | MEDIUM      | LOW   |            |            |         | TRACK SIZE | LARGE         | MEDIUM | SMALL |  |
| MOTOR     |         |             |       |            | GEAR RATIO |         |            | TIRE DIAMETER | mm     |       |  |
| COMMENT   |         |             |       |            |            |         |            |               |        |       |  |

| ITEMS            | VALUES  | DEFAULT  |
|------------------|---|----------|
| Motor Type       | Sensor  | Sensor   |
| Select Battery   | Li-Po    Li-Fe    Ni-MH(Ni-Cd)  | Li-Po    |
| Cut Off Voltage  | Disable    Auto    3.0~7.5V (Step:0.1V) _____ V   | Auto     |
| Power Curve      | 1 2 3 4 5 6 7 8 9 10  | 5        |
| Boost Max+TB     | Boost Max    Off    + TB    Off<br>On    0 ~ 58 ____deg    0 ~ 58 ____deg<br>+TH    0 ~ 58 ____deg    0 ~ 58 ____deg                      | Off      |
| Boost Min-rpm    | 0 ~ 64500(Step: 500rpm) _____ rpm   | 5000rpm  |
| Boost Max-rpm    | 0 ~ 65000(Step: 500rpm) _____ rpm   | 25000rpm |
| Boost-TH. Limit  | TH    Limit<br>20%    0 ~ 58 ____deg<br>40%    0 ~ 58 ____deg<br>60%    0 ~ 58 ____deg<br>80%    0 ~ 58 ____deg<br>100%    0 ~ 58 ____deg | 0        |
| Turbo Delay      | 0.00 ~ 1.00s (step: 0.05s) _____ s  | 0.20s    |
| Turbo + Slope    | 0.00 ~ 1.00s (step: 0.05s) _____ s  | 0.20s    |
| Turbo -Slope     | 0.00 ~ 1.00s (step: 0.05s) _____ s  | 0.20s    |
| Acceleration     | 1 2 3 4 5 6 7 8 9 10  | 5        |
| Start Power      | 0 ~ 100(step: 1%) _____ %   | 0%       |
| Start Curr Limit | Off, 1% ~ 100%(step: 1%) _____ %  | Off      |
| Current Limit    | Off, 1% ~ 100%(step: 1%) _____ %  | Off      |
| Reverse Function | One Way    Two Way    Two Way2    Two Way3  | One Way  |

| ITEMS              | VALUES  | DEFAULT |
|--------------------|---|---------|
| Reverse Delay      | Off    0.2s    0.5s    0.8s    1.3s    1.8s    2.5s     | 2.5s    |
| M- Reverse Amount  | 20% ~ 100%(step: 1%) _____ %                            | 100%    |
| Neutral Width      | Narrow    Normal    Wide                                | Wide    |
| Motor Direction    | Normal    Reverse                                       | Normal  |
| Brake Response     | 0% ~ 100%(step: 1%) _____ %                             | 0%      |
| A.B.S. Brake       | Off    Weakest    Weak    Normal    Strong    Strongest | Off     |
| Drag Brake         | 0% ~ 100%(step: 1%) _____ %                             | 0%      |
| Min Brake Amount   | 0% ~ 100%(step: 1%) _____ %                             | 30%     |
| Mid Brake Amount   | 0% ~ 100%(step: 1%) _____ %                             | 50%     |
| Mid Brake Location | 0% ~ 100%(step: 1%) _____ %                             | 50%     |
| Max Brake Amount   | 0% ~ 100%(step: 1%) _____ %                             | 100%    |
| Soft Brake         | Hard    Soft  | Soft    |
| Brake Freq         | 1Khz    2Khz    5Khz    8Khz    16Khz    32Khz          | 1Khz    |
| Motor Freq         | 1Khz    2Khz    5Khz    8Khz    16Khz    32Khz          | 5Khz    |
| Drag Freq          | 1Khz    2Khz    5Khz    8Khz    16Khz    32Khz          | 1Khz    |
| Cut Off Temp       | 100° ~ 135° (step: 5) /    Disable    _____ °           | 135°    |
| Cut Off M-Temp     | 100° ~ 135° (step: 5) /    Disable    _____ °           | 135°    |
| BEC Voltage        | 6.0V    7.4V  | 6.0V    |