



0° TIMING SOFTWARE INSTALLED

This R10 Stock ESC has been factory programmed with the 0° timing software. This software is optimized to give the best possible performance when using 0° timing.

OPTIONAL ORI65150 PROGRAMMING BOX

The optional programming box is required to fine tune the ESC advanced timing settings and get maximal performance. If you want to switch to the modified motor software you will also need the programming box and PC software to do so.

www.teamorion.com/r10-downloads.html

TECHNICAL SPECIFICATIONS

| | |
|--------------|--|
| Model | ORI65120 |
| Type | sensor/sensorless |
| Resistance | 0.0003 ohm |
| Function | forward/brake – forward/brake reverse forward/reverse |
| Application | Zero timing (blink mode) stock racing |
| Motor type | Stock motors |
| Battery type | 5-9 cells NiMH - NiCd 2-3 cells LiPo - LiFe |
| BEC | 5.75V@3A, Linear mode |
| Size | 41.5x30.5x20.2mm w/o fan |
| Weight | 43g |

| Programmable Items | Programmable Value | | | | | | | | |
|----------------------------------|--------------------|----------------------------|------------------------------------|--------------------------------|--|--|------------------------|---------|----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Basic Items | | | | | | | | | |
| 1. Running Mode | Forward with Brake | Forward/Reverse with Brake | Forward/Reverse (For Rock Crawler) | Zero Timing Forward with Brake | Zero Timing Forward/Reverse with Brake | Zero Timing Forward/Reverse (For Rock Crawler) | | | |
| 2. Drag Brake Force | 0% | 5% | 10% | 15% | 20% | 25% | 30% | 100% | User set in 1% steps |
| 3. Low Voltage Cut-Off Threshold | Non-Protection | 2.6V/Cell | 2.8V/Cell | 3.0V/Cell | 3.2V/Cell | 3.4V/Cell | User set in 0.1V steps | | |
| 4. Start Mode(Punch) | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 | Level 7 | Level 8 | Level 9 |
| Advanced Items | | | | | | | | | |
| 5. Max Brake Force | 12.50% | 25% | 37.50% | 50% | 62.50% | 75% | 87.50% | 100% | |
| 6. Max Reverse Force | 25% | 50% | 75% | 100% | | | | | |
| 7. Initial Brake Force | =Drag Brake Force | 0% | 20% | 40% | | | | | |
| 8. Neutral Range | 6% (Narrow) | 9% (Normal) | 12% (Wide) | | | | | | |
| 9. Over-heat Protection | Enable | Disable | | | | | | | |

All these settings can be modified by using the button located on the on-off switch.

Find blank setup sheets and firmware updates for your speed controller online:

www.teamorion.com/r10-downloads.html

Find more information on www.teamorion.com

Check out our latest videos on www.youtube.com/teamorioncom

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