

ZTW-Flash 系列航调说明书

尺寸 : 210*120mm



Flash series manual Instruction

Thank you for purchasing ZTW Flash Series Brushless Electronic Speed Controller(ESC).Flash series ESCs are especially designed to meet the demand of ever popular FPV RACING multi-rotors ,and has been improved and bettered base on the various feedback from the market given the compatibility with some new design motor on the market .

Connecting your ESC:

- Connect your controller with motor wires.
- Solder appropriate connectors to the battery wires.
- Insulate all solder connectors with heat shrink tubes.
- Connect ESC signal cable according to your own flight control instruction.
- Red and Black wires from ESC should connect to battery pack Red and Black wires respectively.



Features:

- Using BLHELI-S firmware.
- Super smooth and accurate throttle linearity.
- Supports high RPM motors. can be matched with most of the motors in the RC market .
- Use new generation of the MOSFETs to make sure the ESC low heating and high reliability .
- Capable of ONESHOT42/ONESHOT125/MULTISHOT feature to work better with your flight controllers.

Throttle Calibration:

When you use the ESC for the first time, we would like to suggest you calibrate your throttle end point of your radio system. This will make the throttle response better. Please see following steps of how-to:

1. Power on your radio and push your throttle stick to 100%. (see fig 1)
2. Then connect battery to your ESC, you will hear “W V” from motor to confirm the end point after three seconds.
3. Pull throttle stick back to 0% immediately when you hear “W V”.
4. Throttle calibration is done. Please recycle your battery to use ESC.



fig 1



fig 2



Default setting:

Startup Power 10 x 0.75	Motor Direction Normal
Temperature Protection 1 On	Demag Compensation 2 Low
Low RPM Power Protect 1 On	Motor Timing 4 Medium High
PPM Min Throttle 25 1.100 ms	LED Control Off Off Off Off
PPM Max Throttle 225 1.900 ms	Beep Strength 40
PPM Center Throttle 122 1.488 ms	Beacon Strength 80
Brake On Stop 1 On	Beacon Delay 4 10 min

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闪电系列多轴专用无刷电子调速器说明书

感谢购买中特威闪电系列多轴电调。中特威闪电系列是为了当前多轴竞赛市场的需求而专门设计的最新产品，该产品秉承了中特威一贯的做工与工艺，拥有极佳的油门曲线，马达启动顺滑，最重要的是极好的稳定性保障了飞机在空中的安全。产品安装容易使用方便，是当前市场上多轴电调的不二选择。郑重声明此产品不是玩具，未成年人必须在成人的监督下使用。中特威对于在使用过程中造成的损失，伤害不负任何责任。

电调接线：

- 电调的马达线与马达连接。
- 电池上焊好与电调相对应的接头。
- 用热缩套管进行绝缘。
- 电调信号线连接到飞控输出端口，连接顺序请参考飞控说明书。
- 最后电池与电调连接。（注意正负极，避免短路）



特性：

- 使用BLHELI-S软件。
- 马达启动更顺滑，油门曲线极佳，性能卓越。
- 兼容性好，可兼容模型市场上所有主流马达。
- 支持ONESHOT42/ONESHOT125/MULTISHOT。
- 采用新一代MOS管，保证电调超低发热，超高的稳定性。

电调油门行程校准：

油门行程设定说明图(注意:当第一次使用或电调搭配其它遥控设备使用时均应重新设定油门行程)



默认值：

Startup Power 10 x 0.75	Motor Direction 1 Normal
Temperature Protection 1 On	Demag Compensation 2 Low
Low RPM Power Protect 1 On	Motor Timing 4 Medium High
PPM Min Throttle 25 1.100 ms	LED Control Off Off Off Off
PPM Max Throttle 225 1.900 ms	Beep Strength 40
PPM Center Throttle 122 1.488 ms	Beacon Strength 80
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