

ABOUT THE SIDEWINDER MICRO 2

Motors

Please note that while Sidewinder Micro 2 is capable of handling incredible amounts of power, your motor must also be up for the task. Always run your motor within the manufacturer's specs. Monitor motor, battery, and controller temps carefully and never let the motor get above 180° F. Excessive heat in the motor can damage the motor, the Sidewinder Micro 2, and your batteries.

Gearing

Always start with stock gearing. If you wish to change the gearing, motor, or battery, you must check your motor temperature frequently on the first run. If the motor gets too hot, reduce the pinion size, increase the spur size, or reduce the pack voltage. Additional information about gearing can be found in the Gearing Chart enclosed or available online at www.castlecreations.com/sidewindermicro2gearing.

Programming

Sidewinder Micro 2 is programmable via your transmitter, Windows® based PC and a Castle Link USB adapter (purchased separately), or a Field Link card (purchased separately). See the enclosed Drivers' Ed Guide for more instructions on transmitter programming and the Castle Link system ("Transmitter Programming" - page 23, and "Tuning with Castle Link" - page 21).

SIDEWINDER MICRO 2

QUICK START GUIDE



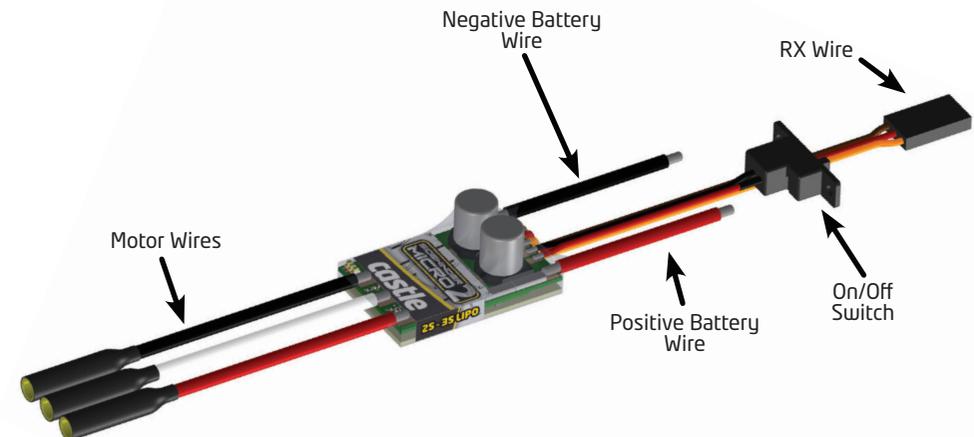
OVERPOWERING RC SINCE 1997

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GETTING STARTED

1. Solder a high quality battery connector to the ESC (see Driver's Ed Guide, "Connectors and Power Wiring" - page 6).
2. Mount the ESC and motor into the vehicle.
3. Connect motor to the ESC (see Driver's Ed Guide, "Motor Wiring" - page 7)
4. Plug the RX wire into the throttle (#2) channel on your receiver.
5. Calibrate your ESC to your radio (see Driver's Ed Guide, "How to Calibrate the ESC" - page 13)

YOU ARE NOW READY TO GO!



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SIDEWINDER MICRO 2 SPECIFICATIONS

Application Guidelines	1:18th scale RC hobby vehicles weighing up to 2 lbs
Input Voltage Range	Min: 2S LiPo, Max: 3S LiPo, 12.6V
BEC Specifications	Adjustable: 5.5V or 7.5V (2A Peak), default 5.5V
Product Use Statement*	<ul style="list-style-type: none"> Applying voltages higher than 12.6V will cause irreparable damage to your controller, voiding the warranty. Recommended battery capacity for 1:18th scale vehicles is 1500mAh or larger. We recommend using 30C continuous discharge or higher LiPo batteries (or high quality 25C batteries such as Traxxas® Power Cell). The Sidewinder Micro 2 has 3.5mm bullet connectors on the motor wires and the battery input wires are bare. You must add the connector of your choice to the battery leads. We recommend a high current connector rated for at least 40 amps.

*Failure to adhere to the Product Use Statement constitutes a violation of the warranty agreement, and will result in non-warranty service fees to repair or replace damaged products.



TRANSMITTER PROGRAMMING REFERENCE

1. Brake/Reverse Type

- Option 1: With Reverse*
- Option 2: Without Reverse
- Option 3: Crawler Reverse

2. Voltage Cutoff

- Option 1: Auto-Lipo*
- Option 2: None

3. Brake Amount

- Option 1: 25%
- Option 2: 50%*
- Option 3: 75%
- Option 4: 100%

4. Drag Brake

- Option 1: Disabled*
- Option 2: 10%
- Option 3: 20%
- Option 4: 30%
- Option 5: Crawler Full On

5. Motor Type

- Option 1: Brushless*
- Option 2: Brushed Reversing
- Option 3: Brushed High Power

*Default Setting

AUDIBLE ALERT REFERENCE

• •	Start Fail
• —	Voltage Cutoff
• • —	Radio Glitch
• — •	Over-Temperature
— •	Over-Current
• — —	Excessive Load

Contact

Castle Creations, Inc.
540 North Rogers Road
Olathe, KS 66062
(913) 390-6939 (ext. #1 Support, #3 Sales)

Product Support: support@castlecreations.com

Sales: sales@castlecreations.com

Website: www.castlecreations.com/sidewindermicro2

