



# SURFACE

## 1:8 AND 1:10 SCALE

### Mamba X Extreme 1:10 Scale Sensor Ready ESC, Versatility, Reliability, and Performance

- Extremely versatile, capable of powering a wide variety of applications ranging from 2S to 6S and vehicles ranging from 1:10 scale to 1:8 scale\* weighing 15 lbs or less.
- Using an auxiliary channel on the receiver, the **AUXILIARY WIRE** allows users to choose from several settings such as torque control, max throttle, or drag brake to fine-tune the performance of the ESC right from the transmitter
- DATA LOGGING** allows for real-time data recording, such as motor RPM, battery current and voltage, ESC and motor temperature, throttle input, and more. Analyze the collected data via Castle Link and make adjustments to maximize both performance and battery life.
- Integrated and powerful **8A ADJUSTABLE BEC** that can push the most extreme 1:10 scale setups and 1:8 scale\* race buggies.
- Fully programmable Castle feature set using Castle Link USB adapter (coupon for free link included in package) and freely downloadable Castle Link Windows software.

\*In 1:8 scale setups, the Mamba X is intended to be used for off-road racing in buggies weighing up to 9 lbs (including batteries and ready-to-run).



PROUDLY DESIGNED AND MANUFACTURED IN OLATHE, KANSAS USA

The Mamba X ESC is backed by Castle Creations' 1-year warranty and unparalleled "Make-It-Right" customer support.



<b>Input Voltage:</b>	MIN: 2S LiPo; MAX: 6S LiPo (25.2V)	<b>On/Off Switch:</b>	Yes, waterproof
<b>Operating environment:</b>	Waterproof* design allows for use in nearly any environment	<b>BEC Specification:</b>	Adjustable: 5.5V, 6.0V, 7.5V, or 8.0V (8A Peak), default 5.5V
<b>ESC Cooling Fan:</b>	Yes, factory equipped (30mm), fully removable	<b>Weight (w/wires):</b>	3.56 oz. (101 grams)
<b>Item #:</b>	010-0155-00	<b>UPC:</b>	819326011252

Items Needed for Operation: Battery Connector required; 4.0mm Castle Connectors are recommended.

#### ACCESSORY OPTIONS FOR MAMBA X

- X Series Sensor Harness (P/N 011-0108-00)
- Field Link Programmer (P/N 010-0063-01)
- Castle Series Wire Harness (P/N 011-0002-00)
- CC Pinions - Mod-1 and 32P
- Telemetry Link S.BUS (P/N 010-0152-00)
- Quick Connect Duo (P/N 010-0149-00)
- 4mm Male/Female Connector Set (CC BULLET 4MM)
- 4mm Polarized Connectors - M/F Single Pack (011-0065-00)