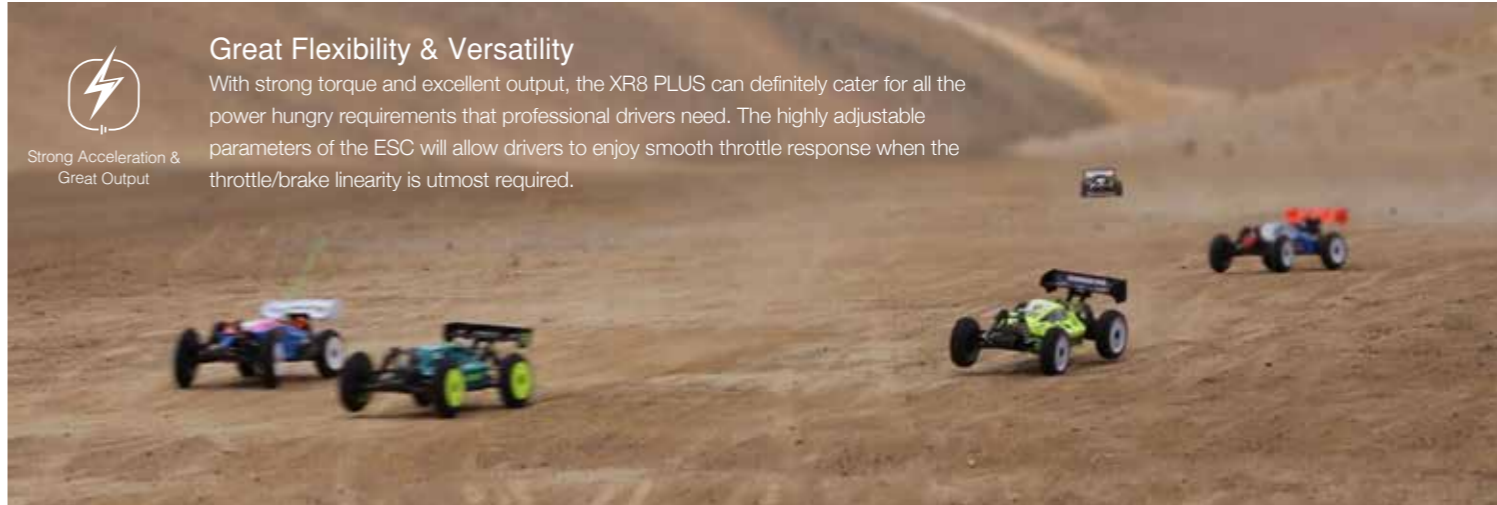


# XeRun XR8 PLUS

1:8 Brushless Electronic Speed Controller



Strong Acceleration & Great Output

## Great Flexibility & Versatility

With strong torque and excellent output, the XR8 PLUS can definitely cater for all the power hungry requirements that professional drivers need. The highly adjustable parameters of the ESC will allow drivers to enjoy smooth throttle response when the throttle/brake linearity is utmost required.



Multiple Real-time Overload Protections

## High Reliability & Durability

Built with the most rugged and high-quality components and coupled with cutting-edge firmware, the XR8 PLUS is able to deliver unmatched power and performance for even the most hardcore of racing applications, but is also responsive enough to protect itself from damage due to overloading due to physical abuse, overuse or even human error.



Coasting

## Coasting

The XR8 PLUS provides an exceptionally smooth off-throttle coasting function (patent pending), which simulates the feeling of inertia and momentum of a large-scale car driving experience. This can greatly improve the performance of builds utilizing large, high-powered motors as electromagnetic drag becomes a substantial factor in sudden deceleration when in the off-throttle position, adversely affecting driving performance and overall maneuvering.



Ultra-Reliable Cooling System

## Ultra-Reliable Cooling System

HOBBYWING's patented cooling technology utilizes proprietary heat-conductive copper bars to rapidly and effectively transfer all internal heat from the MOSFET board to the integrated CNC machined billet aluminum heatsink housing. The cooling fan adopts a shockproof mounting which effectively reduces the possibility of fan damage due to vehicle's frequent jumps.



High Voltage Built-in BEC

## High Voltage Built-in BEC

The XR8 PLUS is the world's first 1/8th ESC that integrates a HV built-in BEC with an output current of up to 15 Amp and a switchable output voltage of 6V-7.4V. The high voltage BEC is designed to handle today's high voltage servos on demand used by 1/8th scale vehicles.



Advanced and Secure Electronic Switch

## Advanced and Secure Electronic Switch

The XR8 PLUS features an electronic switch with a lifespan of over 50000 on/off cycles, housed in a completely waterproof, dust-proof and shock-resistant design.



Virtually Maintenance Free Operation

## Virtually Maintenance Free Operation

Because of the exceptional thought and design put into the XR8 PLUS, users can expect a virtually maintenance free operating experience, due to advanced error sensing and thermal protection, an exceptionally rugged housing, the ultimate in heat-dissipation technology and a special shockproof fan mounting able to withstand anything that a racer can throw at it.



High Performance Dynamic Timing Algorithm

## High Performance Dynamic Timing Algorithm

The world's first 1/8th scale competition ESC which has adopted dynamic timing technology, which has had great successes in 1/10th scale touring car competitions for a long time now, will greatly expand the adjustable power output range of the ESC while still maintaining the overall system efficiency and smoothness.

Current	Motor Supported	Applications	Motor Limit	Input	BEC Output	Fan (Included)	Size/Weight (mm/g)	Programming Port
150A / 950A	Sensored / Sensorless Brushless Motor	1/8th Scale Touring Car, Buggy, Truggy, Monster Truck with high-level configuration (like race level)	With 4S LiPo: KV≤3000 With 6S LiPo: KV≤2400 (Motor size: 4274)	2-6S Lipo 6-18 Cell NiMH	6V/7.2V Switchable, Continuous Current of 6A (Switch-mode BEC)	Powered by the stable BEC output voltage of 6V/7.2V	58.7x48x36.9mm 127g	FAN / PRG Port