

## **Hobbywing Xerun XR8 Speedo**

09/24/2015 12:00 by admin (comments: 0) Hobbywing

All the products in this Xerun Series from Hobbywing are sensored brushless power systems for professional races range from 1/12th scale to 1/8th scale, from Modified to Stock. Their excellent performance, reliable structure design and others definitely can meet top-level races' strict requirements against products' performance and quality.

The XR8 is the world's 1st 1/8th scale ESC adopted the dynamic timing technology which has made a hit in 1/10th scale on-road field, greatly broaden the adjustable output range of competition power systems. It increases the power output and also cares about the system's efficiency. (Note: currently, the pure sensored dynamic timing technology is only applicable to 2 pole motors and you also need setting the ESC to "pure sensored" running mode.)



## The Features

### Great Flexibility & Versatility

The ESC has the strong outbreak and the stable, continuous output; so it can meet those stringent requirements for power systems raised by professional races. Besides, the ESC provides the driver with more programmable items and parameter options when he is programming ESC, so it can bring the excellent control feel to him in occasions that require too much for the throttle/brake linearity.

### High Reliability

With several years of continuous improvements to the product's core technology, XR8 has the more powerful hardware and more perfect software that its predecessor doesn't have. Reliable hardware combined with advanced software allows XERUN XR8 ESC to not only provide extremely "aggressive" output but also protect itself timely from damage caused by overload. This significantly reduces the possibility of getting ESC damaged by heavy load and improves the reliability and durability.

### Automatic Mode Switching

The ESC will automatically switch the drive mode between sensed mode and senseless mode base on the real-time running status of the motor sensor and ESC, to guarantee the normal operation of the power system and avoid forced withdrawal from race because of abnormal sensor signals.

### **Dynamic Timing Control Program**

The world's 1st 1/8th scale ESC adopted the dynamic timing technology which has made a hit in 1/10th scale on-road field, greatly broaden the adjustable output range of competition power systems. It increases the power output and also cares about the system's efficiency. (Note: currently, the pure sensed dynamic timing technology is only applicable to 2 pole motors and you also need setting the ESC to "pure sensed" running mode.)

### **Advanced and Secure Electronic Switch**

The electronic switch with the lifespan of over 50000 times of switching on & off features a completely waterproof, dust-proof and shock-resistant design, completely solved problems like stuck reed and rust contact points caused by dust and moisture, switching off automatically caused by violent dash (like landing after flying over slopes) conventional mechanical switches often have, guarantees the driver a safe and complete race. For perfectly matching the mounting holes on TRAXXAS chassis, we have added some mounting holes to the ESC case accordingly.

### **Super Built-in BEC**

The world's 1st 1/8th scale ESC adopted the super built-in BEC with the max. output current of up to 15A and switchable output voltage (6V/7.2V). It can drive different servos, high voltage servos at ease, so drivers can control the movements and directions of their vehicles precisely and freely.

### **Reliable Cooling System**

The power board inside the ESC is covered with HOBBYWING patented heat-conductive copper bar, which helps to conduct the internal heat quickly to the CNC machined aluminum heatsink housing. In addition, the fan has also adopted the special anti-shock design, reduced damage brought by frequent jumps of the vehicle. So a highly reliable cooling system is built to ensure the ESC always works in the optimal cool condition.

### **Almost Maintenance Free**

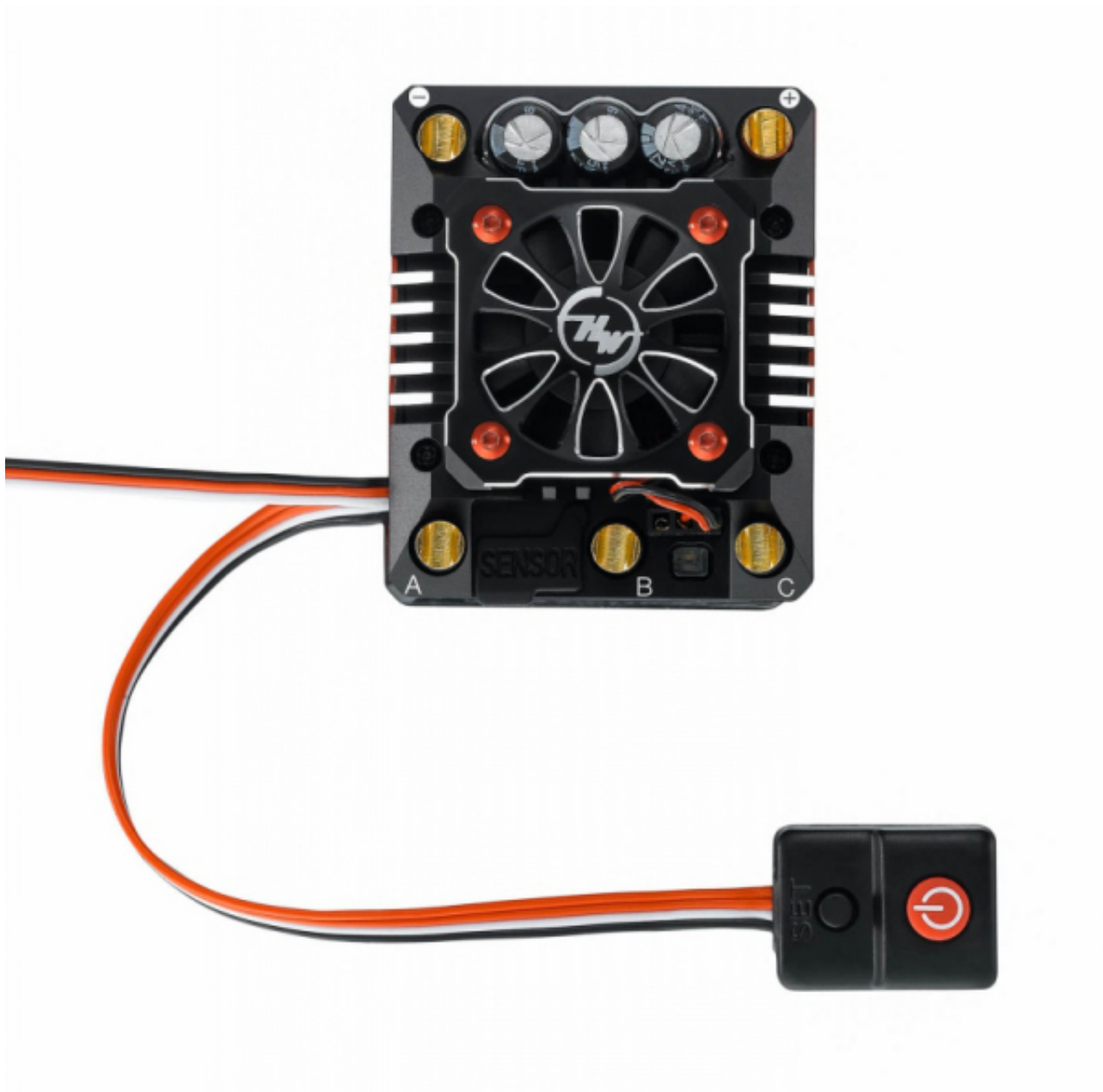
The whole ESC except the cooling fan is basically maintenance free. You only need to detach the fan shroud if you want to replace the fan. You're free from the trouble of opening the integrated heatsink housing, so the whole process becomes simple and efficient.

### **Aluminum Heatsink Housing (Top) & Anti-shock Fan**

The integrated, CNC machined billet aluminum heatsink housing combined with the anti-shock fan ensures that XERUN XR8 can always function at the best cooling state.







## Technical Data

- Cont./Peak Current: 150A/950A
- Motor Type:
  - Sensored Brushless
  - Sensorless Brushless
- Applications: 1/8th Touring Car, Buggy, Truggy and Truck w/ High-end Configuration (for Race)
- Motor Limit Brushless:
  - 4S LiPo/12S NiMH: KV=3000 (4274 Size)
  - 6S LiPo/18S NiMH:KV=2400 (4274 Size)
- LiPo/NiMH Cells:
  - 6-18S NiMH
  - 2-6S LiPo
- Resistance: 0,0002 Ohm

- BEC Output: 6V/7.2V with 6A (Switching Mode)
- Cooling Fan: Yes (Power by built in BEC)
- Size (LxWxH): 58.7 x 48 x 36.9mm
- Weight: 127g (w/o Wires)
- Programming Port: FAN/PRG Port
- ESC Programming: LCD Program Box

**Item No.: HW30113300 / Xerun Brushless ESC 150A XR8 3-6s for 1/8**

**UVP: 189,-€ | Content: 1 pcs.**





