



Brushless ESC Hobbywing XERUN AXE R2

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Hobbywing XERUN AXE R2 brushless ESC

Gain incredible acceleration and achieve the results you dream of. Hobbywing's advanced ESC delivers unparalleled performance, and with the latest technology, it enables precise steering and braking, giving you complete control of your vehicle. Durable and weather resistant - it's IP-67 rated, and you can program specific parameters. The built-in Bluetooth allows you to quickly connect the controller to the Hobbywing app, which allows you to check data in real time, among other things.

FOC technology - high torque and extremely quiet operation

The new FOC (Field-oriented Control) sensor technology has significantly improved the performance, use and adjustability of the new AXE ESC. It enables incredibly precise control while guaranteeing the reliability of the device. It is now possible to perfectly match the drive speed to the throttle position - no matter what conditions you are riding in. This makes the ESC ideal for downhill riding, for example, giving you full control. FOC technology is also responsible for the quiet operation of the entire system - say goodbye to annoying noise!

Full control

The ESC is equipped with new FOC sensors. It also enables intelligent torque control and closed-loop speed control. What does this mean in practice? The ESC is able to maintain torque and engine speed, even if driving conditions change. Whether you're going uphill,

downhill, or with an extra load, the Axe system will make sure everything happens exactly the way you want it to.

Reverse polarity protection

Don't worry about damaging the ESC or the motor connected to it. Axe R2 has been given a unique reverse polarity protection for the battery. No matter how many times you mount it in the opposite way, you don't have to worry about anything. Your devices will always be properly protected - no danger of failure.

Apply it whatever the weather

Happen to ride in varying conditions? No worries! You can use this practical ESC system from Hobbywing almost anytime, anywhere. The AXE system takes IP-67 protection to a whole new level. The airtight design of the unit and the robust heat sink housing make the controller ready for any challenge. Whether sunshine or rain - with Hobbywing you can ride in any weather!

Dual mode - multiple applications

The ESC is perfect for a variety of applications. AXE FOC Crawler supports dual mode operation - not only the classic "forward/reverse" (rock crawler), but also "forward/reverse with brake (normal)". This allows you to successfully adapt its operation to your needs and use it in any situation.

Programmable settings - develop higher speeds

Are you looking for interesting options? We have excellent news for you! In addition to the usual parameters for optimal vehicle performance, there are also timing/boost settings that will allow you to reach higher speeds. On long, windy tracks, these options often prove invaluable!

See what the app offers

Gain access to additional features with the Hobbywing app, which you can download for free to your phone. The built-in Bluetooth module makes pairing the controller with your smartphone quick and easy - no extra cables or devices needed. View stored data, program settings and track parameters such as voltage, current, RPM or temperature in real time.

Reliable braking

Enjoy the ability to fine-tune your brake - you can even set the speed of the brake! So you can cruise at high speeds without fear of sudden jerks or stalls when you release the throttle. All this ensures reliable braking in almost any situation.

Advanced electronic switch and internal BEC

The Axe R2 is equipped with an electronic switch that ensures reliable operation and safe use. Its durable housing is resistant to dust, dirt and water. This extends the life of the regulator and avoids problems that are common with standard on/off switches. The device also has a built-in BEC mode switch with a maximum output current of 13A. The voltage, on the other hand, can be adjusted in the range of 6-7.4V. This means you can use a variety of standard servos, high-voltage servos, and other peripherals.

Product name

XeRun Axe

Product number

30112102

Scale

1:10

Power Supply

2-3S LiPo/6-9 NiMH cells

BEC output

Mode switch: 6V/7.4V,6A

Input wires

Red -14AWG-200mm *1/ Black -14WG-200mm*1

Output wires

None

Input connector

XT60

Output connector

None

Set button on ESC

Not supported

LCD Program Box

Not supported

LED Program Box

Not supported

Wifi module

Not supported

Bluetooth module

Built-in

Firmware update

Supported

Size

47.4 x 36.2 x 26.5mm

Weight

108 grams

Dedicated

1/10th Rock Crawler

Price:

€ 140.99

RC models, Regulators, Brushless