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## BACKFIRE G2

# Backfire G2 Black Electric Longboard Skateboard User Manual

Model: G2 | Brand: BACKFIRE

## 1. PRODUCT OVERVIEW

The Backfire G2 Black Electric Longboard Skateboard is designed for both beginners and experienced riders, offering a balance of power and smooth control. This manual provides essential information for the safe and effective operation and maintenance of your electric longboard.



Figure 1: Top and bottom view of the Backfire G2 Black Electric Longboard Skateboard, including protective gear.

- **Powerful Performance:** Equipped with a 5.2Ah, 187Wh battery for a range of up to 12.5 miles (20km) and a top speed of 24 mph.
- **Smooth Control:** Features the latest Hobbywing ESC, motors, and remote technology for precise acceleration and braking.
- **Durable Design:** Constructed with a maple wood deck, 96mm polyurethane wheels, and robust enclosures for battery and ESC.
- **User-Friendly:** Suitable for adults and teens, with beginner-friendly power delivery.

## 2. SETUP AND FIRST USE

### 2.1 Unboxing and Inspection

Carefully remove all components from the packaging. Inspect the skateboard, remote control, charger, and included tools for any signs of damage. Ensure all listed accessories are present.



Figure 2: Backfire G2 Black Electric Longboard Skateboard with key dimensions and included accessories such as remote, charger, and tools.

## 2.2 Charging the Skateboard

1. Locate the charging port on the skateboard's battery enclosure.
2. Connect the provided charger to the skateboard and then to a power outlet.
3. The indicator lights on the battery enclosure will illuminate to show charging status. A full charge typically takes approximately 3.5 hours.
4. Disconnect the charger once fully charged.

## 2.3 Charging the Remote Control

The remote control is rechargeable. Use the provided USB cable to charge it. The remote's display will indicate its battery level.

## 2.4 Remote Control Pairing

The remote control should be pre-paired with your skateboard. If re-pairing is necessary, refer to the specific instructions in the remote control's mini-manual.

## 2.5 Safety Gear

Always wear appropriate safety gear, including a helmet, knee pads, elbow pads, and wrist guards, when operating the electric longboard.



Figure 3: A person wearing a helmet, knee pads, and wrist guards while learning to ride the electric longboard, emphasizing the importance of protective gear.

### 3. OPERATING INSTRUCTIONS

#### 3.1 Remote Control Functions

The remote control allows you to manage the skateboard's speed, direction, and braking. Familiarize yourself with the buttons and their functions:

- **Acceleration/Brake Dial:** Push forward to accelerate, pull back to brake.
- **Power Button:** Turns the remote on/off.
- **Reverse Button:** Changes the direction of travel (forward/reverse).
- **Speed Mode Button:** Cycles through different speed settings (e.g., Low, Medium, High).
- **LED Display:** Shows current speed, battery level of both board and remote, and selected speed mode.

## 3.2 Speed Modes

The Backfire G2 offers multiple speed modes to suit different skill levels and riding conditions. Start with the lowest speed mode to get accustomed to the board's response before progressing to higher speeds.

## 3.3 Riding Techniques

- **Stance:** Place your feet comfortably on the deck, typically with one foot near the front trucks and the other over the rear trucks.
- **Acceleration:** Gently push the acceleration dial forward. Lean slightly forward as you accelerate to maintain balance.
- **Braking:** Gently pull the brake dial back. Lean slightly backward as you brake to maintain balance. Avoid sudden braking at high speeds.
- **Turning:** Steer by leaning your body in the desired direction. The trucks will respond to your weight shift.

*Video 1: Official Backfire G2 Black demonstration video, showcasing riding in various urban environments.*

*Video 2: Backfire G2 Electric Skateboard in action, demonstrating smooth rides and maneuverability in a city setting.*

## 4. MAINTENANCE

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### 4.1 Battery Care

- Avoid fully discharging the battery. Recharge after each use.
- If storing for an extended period, charge the battery to approximately 50-60% and store in a cool, dry place.
- Do not expose the battery to extreme temperatures.

### 4.2 Cleaning the Board

- Wipe down the deck and enclosures with a damp cloth. Avoid direct water spray.
- Use a brush to clean the grip tape.

### 4.3 Wheel and Truck Inspection

- Regularly check wheels for wear and tear. Replace if necessary.
- Ensure all nuts and bolts on the trucks are tightened. Use the provided skate tools for adjustments.
- Inspect the hub motors for any obstructions or damage.



**New Battery Enclosure**



**New ESC Enclosure**



**New 96MM Wheels**



**New Charging Port**

Figure 4: Detailed view of the Backfire G2's components, including the battery enclosure, ESC enclosure, 96mm wheels, and charging port.

## 5. TROUBLESHOOTING

- **Board Not Turning On:** Ensure the battery is charged. Check the power button on the board.
- **Remote Not Connecting:** Ensure both the board and remote are powered on. Attempt to re-pair the remote if connection is lost.
- **Loss of Power/Range:** This may indicate a low battery charge or a need for battery recalibration. Ensure proper charging practices.
- **Unusual Noises:** Inspect wheels, bearings, and trucks for loose components or debris. Lubricate bushings if squeaking occurs.

## 6. SPECIFICATIONS

Feature	Specification
Brand	BACKFIRE
Model Name	Backfire G2 Black 2023
Battery	5.2Ah, 187Wh (UL2272 Compliant)
Max Speed	24 mph
Max Range	12.5 miles (20km)
Charging Time	3.5 hours
Deck Length	38 Inches
Deck Width	9 Inches
Item Weight	7.6 Kilograms
Material	Maple Wood
Wheel Size	96 Millimeters
Wheel Material	Polyurethane
Skill Level	Beginner and up
Included Components	Battery Charger, ESC, Protection Gears, Remote, Skate Tools

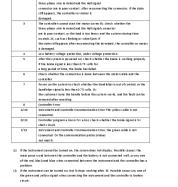
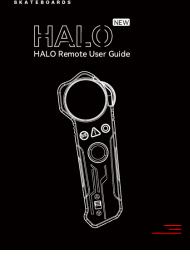
## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The Backfire G2 Black Electric Longboard Skateboard comes with a **6 Months Manufacturer Limited Warranty**. Please retain your proof of purchase for any warranty claims.

### 7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact the manufacturer, Shanghai So-Fun Sports Equipment Co. Ltd, or your authorized retailer. Refer to the contact information provided in your product packaging or on the official Backfire website.

	<p><a href="#"><u>Backfire MINI Electric Skateboard User Guide</u></a></p> <p>Comprehensive user guide for the Backfire MINI electric skateboard, detailing safety precautions, features, technical specifications, operating instructions, charging, maintenance, and warranty information.</p>
	<p><a href="#"><u>Backfire Halo Remote User Guide</u></a></p> <p>Comprehensive user guide for the Backfire Halo Remote, covering remote layout, technical specifications, dashboard features, pairing instructions, ride modes, battery status, advanced settings, fingerprint setup, firmware updates, charging status, tank turn mode, rider controls, malfunctions, and gear ratio configurations.</p>
	<p><a href="#"><u>Backfire MINI Electric Skateboard User Guide</u></a></p> <p>Comprehensive user guide for the Backfire MINI electric skateboard, detailing safety precautions, features, technical specifications, operating instructions, charging, maintenance, and warranty information.</p>
	<p><a href="#"><u>Create Custom Longboard Grip Tape with Templates</u></a></p> <p>A guide on how to create custom grip tape designs for longboards using provided templates or by creating your own from scratch. Learn to use Adobe Photoshop or Gimp for design and export your creations for Splattergoat custom grip tape.</p>
	<p><a href="#"><u>Hiboy Titan Electric Scooter Error Codes and Troubleshooting Guide</u></a></p> <p>Find solutions for common error codes on your Hiboy Titan electric scooter. This guide explains error codes 2, 3, 4, 5, 6, 7, 8, A/10, D/13, F/15 and provides troubleshooting tips for common issues.</p>
	<p><a href="#"><u>Backfire Halo Remote User Guide</u></a></p> <p>Comprehensive user guide for the Backfire Halo Remote, covering remote layout, technical specifications, dashboard features, pairing instructions, ride modes, battery status, advanced settings, fingerprint setup, firmware updates, charging status, tank turn mode, rider controls, malfunctions, and gear ratio configurations.</p>