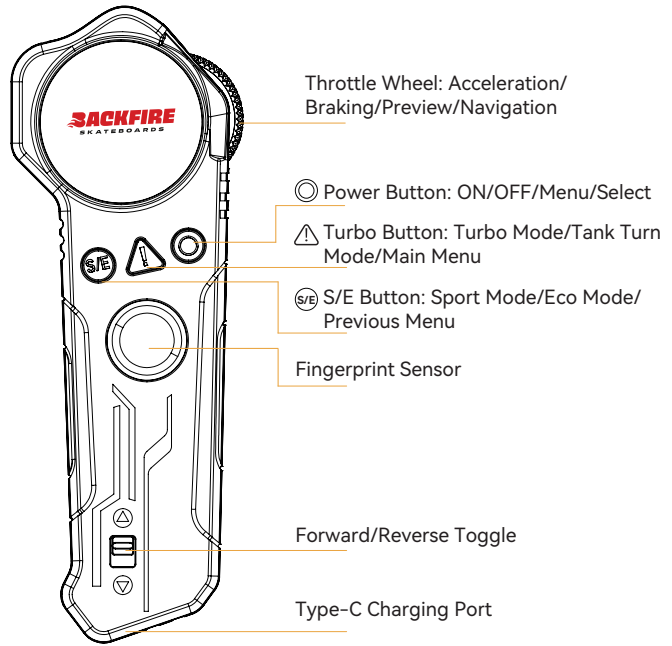


01 SACKFIRE Remote Layout



Support one-click power on/off

When the skateboard is in standby mode, you can use the one-click power on/off mode of the remote control. The standby mode will only last for 3 days. If it is not used for more than 3 days, the skateboard will automatically shut down and must be manually powered on again for reuse.

Bluetooth switch on the remote control

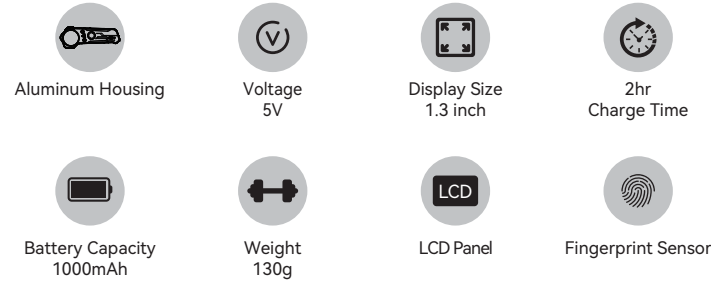
The HALO remote control comes with a Bluetooth module that is set to sync with the remote control by default. When the remote control is turned on, Bluetooth will automatically turn on as well. It can be directly connected to the APP.

Ambient light operation instructions

1. After turning on the skateboard and the remote control, double-click the power button on the remote control to turn on the ambient light.
2. Continuously double-click the power button on the remote control to switch the ambient light between different modes, such as breathing, flashing, steady on, and off.

Note: Some old models of skateboards do not have this function. Please refer to the skateboard manual for specific information on its features.

02 SACKFIRE Technical Info



03 SACKFIRE Dashboard Layout



Enable Bluetooth Enabled: Connect to the Backfire APP for Firmware Updates.

Enable Activate cruise control: Activate cruising at a fixed speed while gliding.

Enable Unlocked Fingerprint lock activation: Pressing the fingerprint sensor can lock/unlock the remote control.

TRIP:14KM Current Trip Meter Displays the distance traveled since the board was powered on

ODO:1142KM Odometer Displays the total distance traveled since the remote was first paired with the board. Mileage is retained and unique to each board.

R Remote Battery Indicator

B Board Battery Indicator

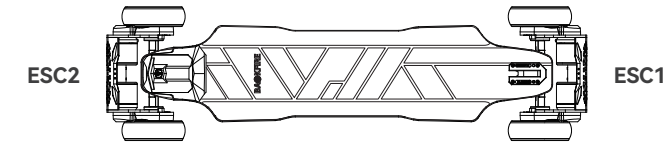
20 Current Speed

04 SACKFIRE Pairing Instructions

Hold the Power Button for 5 seconds to power ON/OFF the board.

When both the remote control and the skateboard are turned off, press and hold the power button on the skateboard for 5 seconds until the skateboard indicator light flashes quickly, indicating that it has entered pairing mode. Then press and hold the power button on the remote control for 5 seconds until the pairing prompt appears on the remote control screen, indicating that it has also entered pairing mode.

***For four-wheel drive, you need to pair the rear motor controller first, and then pair the front motor controller.**



Unit Selection Select between KM and MILES using the Throttle Wheel, and press the Power Button on the remote to confirm your choice

Motor Type Select the drivetrain setup on your board using the throttle wheel

Wheel Size Select the wheel size of your board using the throttle wheel. [Between 90MM-200MM]

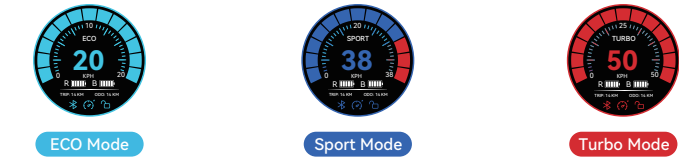
GEAR RATIO Select the select the gear ratio of your drivetrain using the throttle wheel.

Motor Poles Select the number of Pole Pairs for your board's motor configuration. [Between 2-26]

Complete Pairing and configuration complete.

***The remote control is already paired with the skateboard by default when the machine is shipped.**

05 SACKFIRE Ride Modes



Default Mode after Pairing

Press the S/E Button once to activate Sport mode. The remote display will turn blue/red and vibrate once

Press the Turbo Button once to engage Turbo Mode

Cruise Control Mode

While riding, press the Power Button then release the Throttle Wheel to engage Cruise Control Mode.

06 SACKFIRE Battery Status

While the board is stationary, when the speed is 0

press the Power Button once to open the settings menu

Select Remote Power to display the Battery Status, Time Since Power On, and Battery Capacity. Press the S/E Button to return to the Previous Menu.

Select board power.

Select Board Power to display the Battery Voltage, Remaining Capacity, Temperature, and Battery Health. [Blue: Healthy, Red: Unbalanced]

In the event one or more of the cells are unbalanced, contact the Backfire Support Team.



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User Guide

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TIKTOK: @backfireboardsusa

Official Website: <https://www.backfireboards.com/>

Backfire APP

iPhone users please search for 'Backfire' on the App Store.

Android user download: <https://www.backfireboards.com/latest-app>



07 SACKFIRE Advanced Settings

Remote Power Board Power Motor & ESC Acceleration Braking

Select Motor & ESC to display their temperatures.

Motor & ESC ECO Setting Sport Setting Turbo Setting Restore Setting

Select Sport Setting to adjust the Speed, Acceleration and Brake profile for Sport Mode.

Board Power Motor & ESC ECO Setting Sport Setting Turbo Setting

Select ECO Setting to adjust the Speed, Acceleration and Brake profile for ECO Mode.

ECO Setting Sport Setting Turbo Setting Fingerprint Setting Restore Setting

Select Turbo Setting to adjust the Speed, Acceleration and Brake profile for Turbo Mode.

08 SACKFIRE Fingerprint Setup

Sport Setting Turbo Setting Fingerprint Settings Restore Setting Firmware Upgrade

Select Fingerprint Settings to add and remove fingerprints. A total of 3 fingerprints can be stored on the remote.

To add a fingerprint, place your finger on the sensor until the remote vibrates, then lift it off and repeat until the status displays 100%

FINGERPRINT 0% → FINGERPRINT 100% → Complete

Multiple fingerprint calibration cycles are required for maximum reliability and accuracy.

FINGERPRINT SETTINGS Fingerprint 1 Fingerprint 2 Fingerprint 3 Safety Switch Delete Fingerprints

The Safety Switch option enables/disables fingerprint unlock.

FINGERPRINT SETTINGS Fingerprint 1 Fingerprint 2 Fingerprint 3 Safety Switch Delete Fingerprints

To remove all stored fingerprints, select the Delete Fingerprints option. *Single fingerprint delete is currently not supported.

09 SACKFIRE Restore Factory Settings and Updating Firmware

Turbo Setting Fingerprint Setting Restore Setting Firmware Setting

Select Restore Setting to Restore the Remote to its Factory Calibrated Settings.

Fingerprint Setting Restore Setting Firmware Update

Select Firmware Update to Update the Remote Firmware

10 SACKFIRE Charging Status

Board: Charging Remote: Charging 95% 90%

Board: Not Charging Remote: Charging 95% 70%

Board: Charging Remote: Not Charging 95% 100%

Board: Not Connected Remote: Charging UNCONNECTED 90%

Note: Only skateboards equipped with intelligent communication BMS support checking the charging status of the skateboard on the remote control.

Board: Fully Charged Remote: Fully Charged

11 SACKFIRE Tank Turn Mode (This feature can only be activated in four-wheel drive mode.)

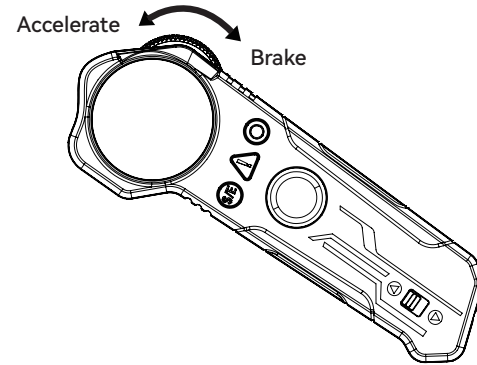
ECO → TANK → ECO

Press the Δ Button twice to engage Tank Turn Mode. Press the Power Button once to disengage.

Warning: Keep clear of the board when Tank Turn Mode is engaged. Standing on it may lead to serious injury.

12 SACKFIRE Rider Controls

For beginners and children, we recommend donning protective gear and starting out with ECO Mode. Roll the Throttle Wheel forwards in small increments to accelerate gently. Position your feet slightly wider than shoulder-width on the deck and bend your knees slightly to lower your center of gravity.



Lean forward when accelerating to prevent falling backwards when the torque kicks in.



Lean back when braking to prevent being thrown forward by the sudden deceleration.

13 SACKFIRE Malfunctions

DISCONNECTED Board and Remote are Disconnected

BOARD OVER CURRENT Over-Current Protection Active

Motor Stalled Motor Stalled

Throttle Failure! Throttle Wheel Requires Calibration

BOARD OVER VOLTAGE! Board Over-Voltage

Abnormal Voltage Battery Cells out of Balance

In the event you encounter any of these errors, please reach out to the Backfire Support Team for assistance.

14 SACKFIRE Malfunctions

Remote Low Power Remote Power Under 5%

Board Low Power Board Power Under 25%

Motor High Temperature High Temperature Warning: Motor

Battery High Temperature High Temperature Warning: Batter

Unlock Failed Fingerprint Unlock Failed

Remote Low Power Remote Power Under 25%

Remote Low Power Remote Power Under 10%

Board Low Power Board Power Under 10%

Board Low Power Board Power Under 5%

ESC High Temperature High Temperature Warning: ESC

15 SACKFIRE Gear Ratio and Pole Pair Configurations

HALO Table of remote control pairing parameters				
Model	Wheel Size	Gear Ratio	Pole Pairs	Applicable models
Hub	90mm	-	10	ERA Series G Series
	96mm	-	10	
	105mm	-	10	
	120mm	-	10	
Belt	165mm	-	20	Ranger Series
	96mm(37T)	2.6	7	Zealot Series Hammer Series
	105mm(37T)	2.6	7	
	120mm(39T)	2.8	7	
	120mm(44T)	3.1	7	
	160mm(50T)	3.6	7	

SACKFIRE

Remote User Guide (HALO)

