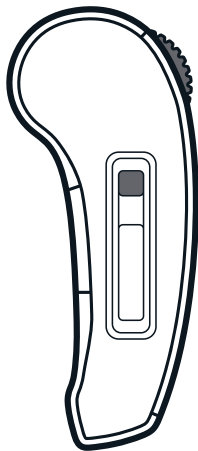


Exway R3 Remote User Manual



🔍 Quick keyword search

If you're viewing this manual in PDF, use the PDF reader's keyword search to find what you're looking for quickly.

👉 Skip ahead with the table of contents

Clicking on the sections and subsections will bring you to the selected page.

🖨️ Print a hardcopy

This manual can be printed for offline viewing.

Tips

Symbols

⚠️ Important information to note

Learning resources

Pair the comprehensive PDF manual with our video tutorial to better understand the features and functions of the R3 remote.

Download the ExSkate app

You'll need the ExSkate app to access the full range of features on the R3 remote. Download it from the App Store or Google Play Store to get the best experience with your R3 remote.



Requires iOS 11.0 and above.



Requires Android 6.0 and above.

⚠️ The R3 remote is not compatible with our older Exway app. Make sure to install the ExSkate app instead.

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About The Exway R3 Remote

↑ About The Exway R3 Remote

We took the ergonomic and intuitive-to-use shape of our standard remote and gave it a makeover - on the inside. More powerful hardware and advanced firmware bring new features like route tracking, OTA and offline firmware updates, Bluetooth 5.0, while keeping all the functionality of the old remote.

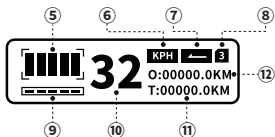
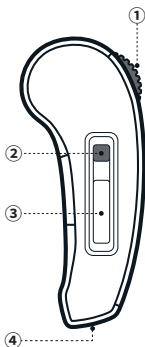
📦 All new hardware

Powering the R3 is our new MCU 3.0 chip, designed to interface with the new ESC 3.0 controller and ExSkate app. Boards with the older ESC 2.0 (X1 Max, Flex ER, Wave, Atlas Carbon, and earlier generations) are not compatible.

📱 Redesigned UI

We've optimized the home screen layout with more real-time information. Everything you need to know now takes a quick glance, without using a mobile app.

Getting to Know the R3



- | | |
|---------------------------|-------------------------|
| 1. Throttle Wheel | 7. Ride Direction |
| 2. Multi-Purpose Button A | 8. Ride Mode |
| 3. O-LED Display | 9. Remote Battery Level |
| 4. Charging Port | 10. Current Speed |
| 5. Board Battery Level | 11. Trip Meter |
| 6. Speed Unit | 12. Odometer |

⚠ The R3 remote ships with beginner mode, which limits the remote to basic ride functions. You'll be able to access the full functionality after riding 6mi (10km) with it.

Remote Interface

Navigation Guide



Power ON/OFF
Hold button A for 3 seconds



System Menu
Hold button A for 7 seconds
(While remote is OFF)



Change Ride Mode
Press button A once



Toggle Cruise Control
Press button A twice while
throttle is engaged



Parking Brake
Fully engage brakes,
then press button A twice



Toggle Forward/Reverse
Press button A 3 times



Tank Mode
With throttle neutral,
press button A twice







2WD/4WD Switch
Press button A 4 times



Toggle Turbo Mode
Press button A 5 times



Toggle Speed Limit
Press button A 6 times

-
-  *Turbo mode, Tank mode, Forward/Reverse, Speed Limit toggling will only take effect while the board is stationary.
 -  *Cruise Control will only take effect when the current speed is under 15mph (25km/h) and "CRUISE CONTROL" is enabled in the system menu.
 -  *While "SHIFT LOCK" is enabled in the system menu, you will only be able to switch ride modes while the board is stationary. While "SHIFT LOCK" is disabled and the throttle is in the neutral position, you can switch ride modes while moving.
 -  Note: Two short haptic pulses and no response from the display when pressing a button indicates an unsuccessful input.
-

System Menu

1/9. RE-PAIR1: Rear Controller Pairing



1/9. Pair Rear Controller



Esc2 Repair ▶ YES



Pairing In Progress

2/9. RE-PAIR2: Front Controller Pairing



2/9. Pair Front Controller



Esc2 Repair ▶ YES



Pairing In Progress

*RE-PAIR2 only accessible on 4WD boards

3/9. WD MODE: 2WD/4WD Drive Mode Selection



3/9. Select Drive Mode



4wd Selected



2wd Selected

*Selecting 4WD without first pairing the front controller (ESC2) will bring up a prompt to pair ESC2

4/9. CALIBRATION: Throttle Wheel Calibration



4/9. Calibrate Throttle



Calibration ▶ YES

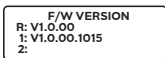


Calibrating

5/9. F/W VERSION: View Controller(s) and Remote Firmware Versions



5/9. View Firmware



Firmware Versions

6/9. SPEED UNIT: Switch Between Imperial/Metric Units



6/9. Select Speed Unit



Metric Selected



Imperial Selected

*公里/英里速度单位展示。

7/9. ADVANCED: Advanced Settings



7/9. Advanced Settings



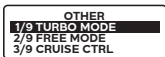
Advanced Settings Menu

*This menu is intended for drivetrain customization with aftermarket motors, pulleys, etc.

8/9. OTHER: Other Settings



8/9. Other Settings



Other Settings Menu

*Options (such as Turbo) may vary between different boards.

Advanced Settings Menu

1/8. QUICK SETUP: Guided Drivetrain Setup and Configuration



1/8. Quick Setup



Auto Motor Detection

*Setup and configuration includes settings 2-6, and automatic motor detection.

2/8. POLE PAIRS: Configure Pole Pair Count



2/8. Configure Pole Pairs



Select Pole Pair Count

3/8. DRIVE GEAR: Configure Tooth Count



3/8. Drive Gear Setting



Select Tooth Count

4/8. WHEEL GEAR: Configure Tooth Count



4/8. Wheel Gear Setting



Select Tooth Count

5/8. WHEEL SIZE: Configure Diameter in MM



5/7. Wheel Size Setting



Select Wheel Diameter

6/8. BRAKE LEVEL: Configure Braking Strength



6/8. Brake Level Setting



Select Brake Level

7/8. MAX SPEED




7/8. Max Speed Setting



Confirm

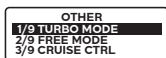


Select Brake Level

 This menu is meant for DIY builders and experienced riders who wish to modify their boards with aftermarket parts including motors, pulleys, gears, etc. Beginners should refrain from changing these settings as it may cause unexpected behavior from the board while riding.

Other Settings

1/9. TURBO MODE: Enable/Disable Quick Toggle



1/9. Turbo Mode Setting



Enable Turbo



Disable Turbo

*Enabling Turbo mode unlocks the full performance potential of the board.

2/9. FREE MODE: Enable or Disable



2/7. Free Mode Setting



Enable Free Mode



Disable Free Mode

*Enabling Free Mode allows you to ride in reverse by scrolling backwards on the throttle.

3/9. CRUISE CONTROL: Enable/Disable Quick Toggle



3/9. Cruise Control Setting



Enable Cruise Control



Disable Cruise Control

*Cruise Control will automatically deactivate when current speed exceeds the set speed by 2mph or 3km/h.

4/9. SHIFT LOCK: Enable/Disable



4/9. Shift Lock Setting



Disable Shift Lock



Enable Shift Lock

*SHIFT LOCK DISABLED: Ride mode can be changed while moving and throttle in the neutral position.

SHIFT LOCK ENABLED: Ride mode can only be changed when board is stationary.

5/9. SAFE CHARGE: Toggle On-The-Fly Charging (AUXPack)



5/9. Safe Charge Setting



Enable Safe Charge



Disable Safe Charge

*Enabling Safe Charge will disable the drivetrain while charging.

Disable Safe Charge when using an external battery like the AUXPack.

6/9. F/W UPGRADE: Upgrade Remote and Controller Firmware



6/9. F/w Upgrade Setting Select And Confirm F/w Upgrade



7/9. UNPAIR PHONE: Unpair Current Paired Phone



7/9. Unpair Phone Setting

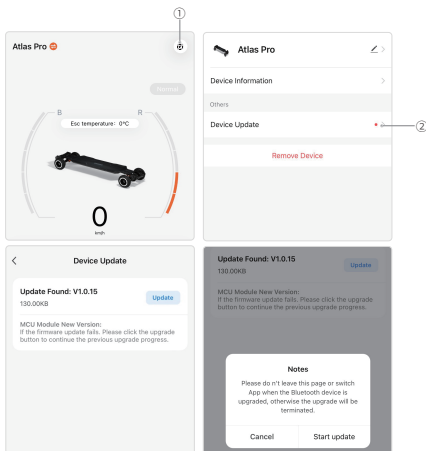


Confirm Unpair

OTA Updates

Checking for available updates

1. Download and install the "ExSkate" app on your mobile device
2. Once in the app, pair and connect to your remote by tapping the "Add Device" button. Make sure the app has Bluetooth permissions granted and Bluetooth is turned on during this process.
3. If a beta firmware update is available, you can find it by tapping the button at the upper right (1) and then manually start the update by tapping Device Update (2).
4. If an official firmware update is available, you'll get a prompt to install it in your device menu automatically. Some updates may be essential to continue using the app with your device.



R3 Remote Auto-Update

Once the firmware has been downloaded, the app will automatically start uploading it to the



Downloading Firmware



Installing Firmware

Board Firmware Auto-Update

A prompt will appear on the remote when downloading firmware from the app if a new version is available for your board. Selecting YES will start the board update once the remote firmware is installed and remote restarted.



Confirm F/w Upgrade

⚠ If you wish to update the board at a later time, selecting "NO" will save the new firmware to the remote.

4. Board Firmware Manual Update

In the system setting's "OTHER" menu, you'll find the option "F/W UPGRADE" to upgrade your board's firmware manually if you've previously downloaded it without installation.

"SETTINGS" -> "OTHER" -> "F/W UPGRADE" -> "YES"



8/9. Other Settings



F/W Upgrade ▶ YES



Confirm Update

- ⚠
- NEW: Latest firmware version.
 - ESC1: Current firmware version on the rear controller.
 - ESC2: Current firmware version on the front controller (4WD only).
 - If the new version number is higher than the current version number, select "YES" to upgrade.

Firmware Upgrade Complete

Once the update is complete, you'll see the status on the remote display change to "UPDATE FINISHED", and the board will be ready to go after a quick auto-restart. Head back to the home screen on your remote to start riding again!



Update Progress



Upgrade Complete

8/9.AUTO HOLD



8/9.AUTO HOLD



Confirm

-
- ⚠ If you're pairing your remote and phone for the first time, navigate to the system menu on the remote to enable Bluetooth, then use the mobile app to initiate the pairing process.

Once your remote and phone has been paired, other devices will be unable to discover the remote until the current device is unpaired using the "UNPAIR PHONE" setting.
