Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Neufday T2 Dual Drive 300W

Electric Skateboard ESC Motor Instruction Manual

Brand: Neufday

Model: T2 Dual Drive 300W

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Neufday Electric Skateboard ESC Motor and Remote Control system. This system is designed for high-performance electric boards, offering reliable control and versatile functionality for various applications.

The controller supports both single and dual motor drive configurations and is compatible with common hub motor sizes including 70mm, 83mm (8352), and 90mm.

2. Product Components

The package includes the following main components:

- 1 x Electric Speed Controller (ESC Motor)
- 1 x Remote Control Transmitter

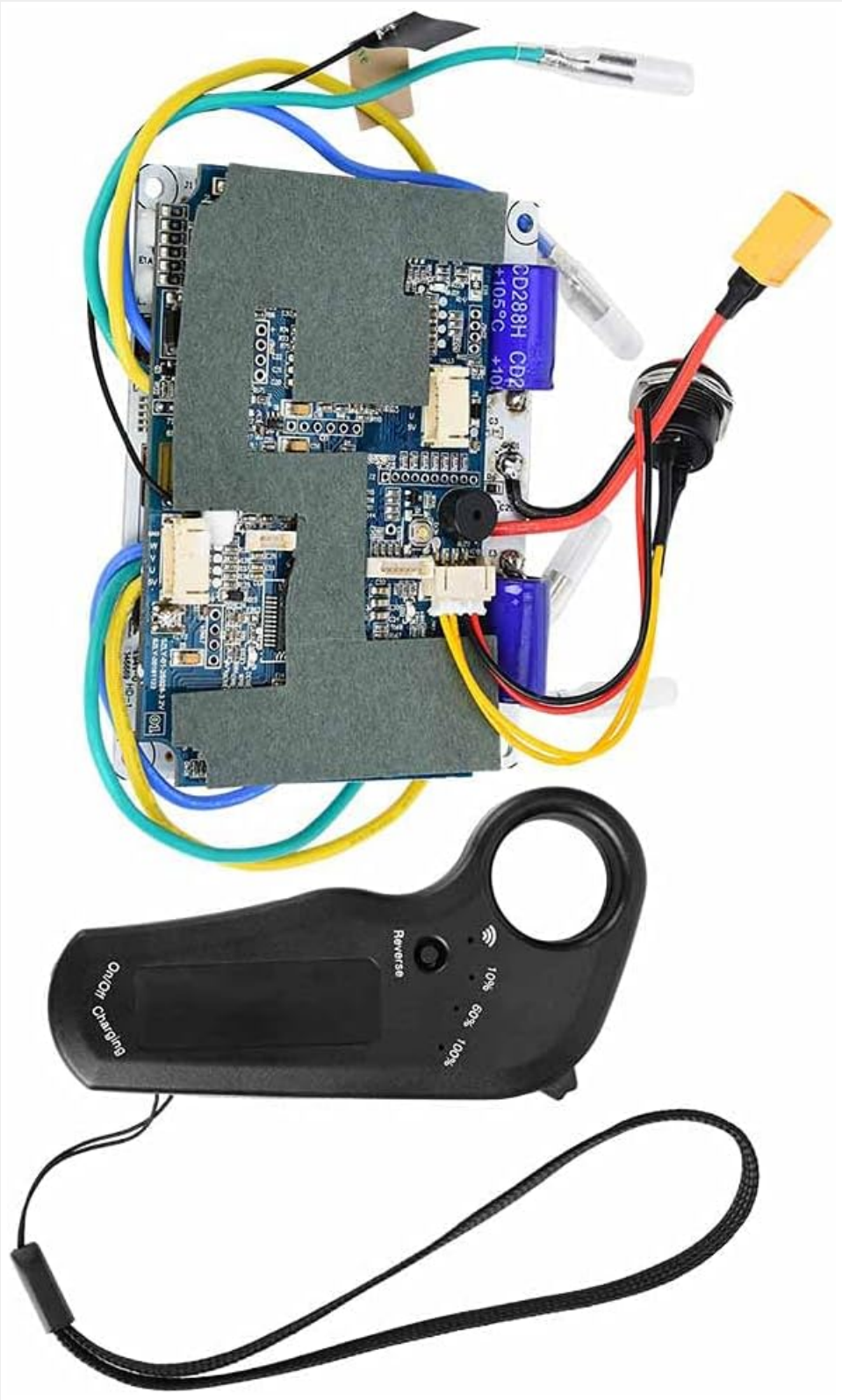


Image 1: The Electric Skateboard ESC Motor controller board and its accompanying wireless remote control.

3. Setup and Installation

The controller and remote control are pre-paired at the factory, meaning they are ready for immediate use upon initial power-up. No manual pairing is required.

1. **Connect Motors:** Connect your hub motors to the appropriate ports on the Electric Speed Controller. The controller supports both single and dual motor setups. Ensure connections are secure.
2. **Connect Power Source:** Connect your 24V or 36V battery pack to the power input of the ESC. The system is designed for these rated voltages. Pay attention to polarity to avoid damage.

3. **Install Power Button (Optional):** If your setup includes an external power button, connect it to the designated port on the ESC. This allows for convenient power cycling.
4. **Secure Components:** Mount the ESC securely within your electric skateboard or scooter enclosure, ensuring it is protected from moisture and physical impact.

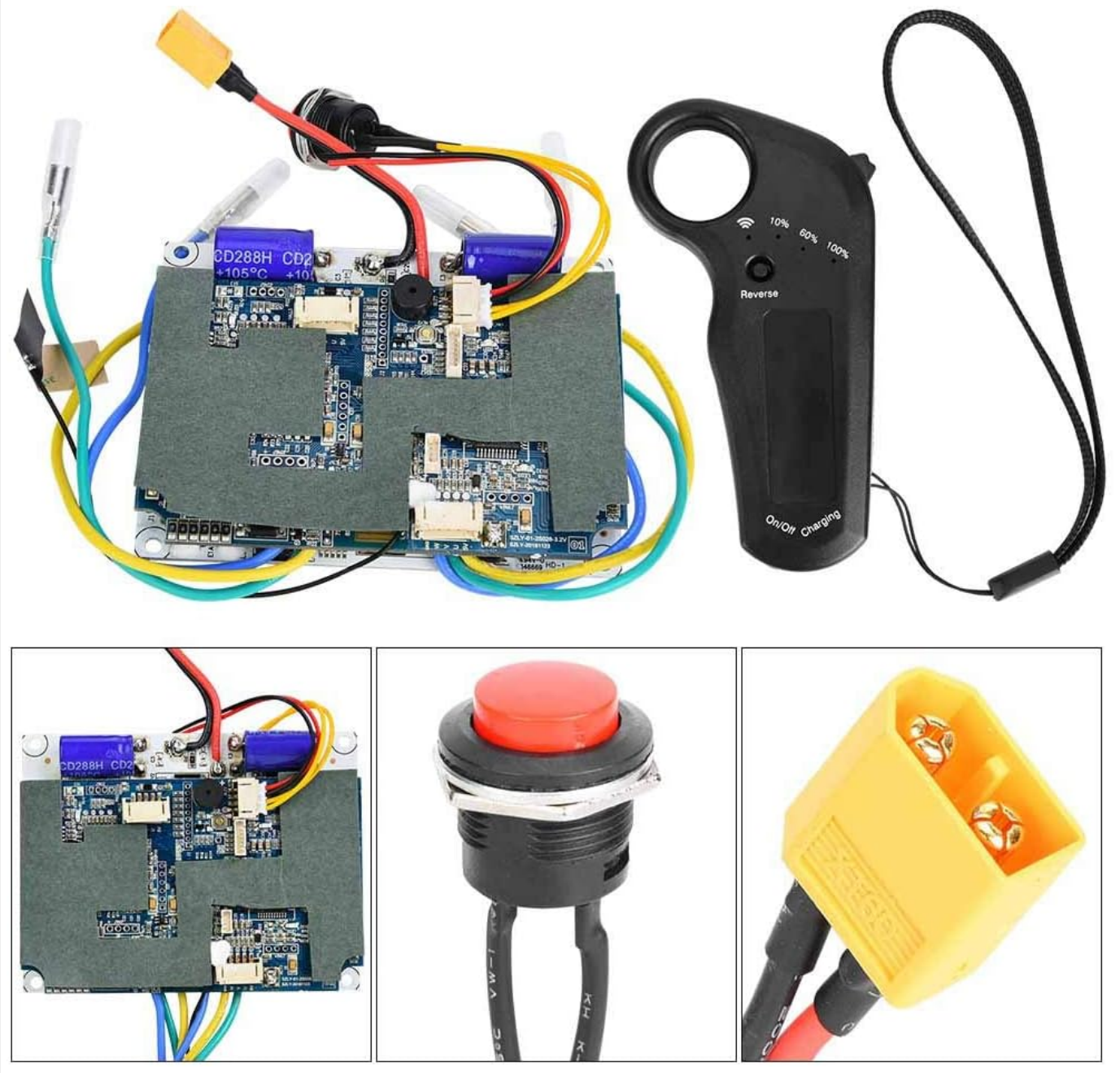


Image 2: The ESC motor controller board showing various connection points, including motor outputs, power input (XT60 connector), and the power button connection.



Image 3: A close-up view of the XT60 power connector, typically used for battery input to the ESC.

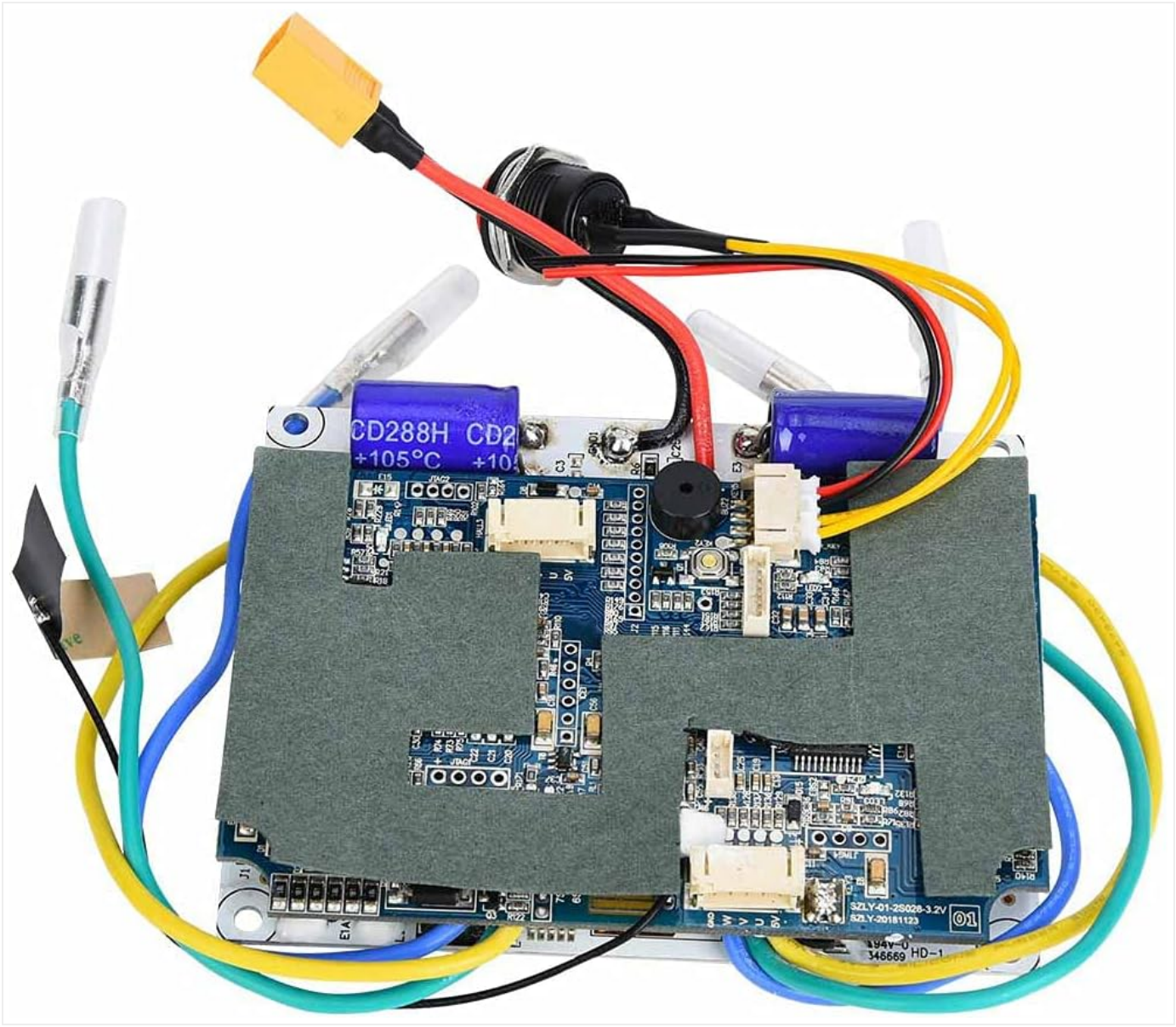


Image 4: A close-up of the external power button, which can be connected to the ESC for convenient on/off control.

4. Operating Instructions

The system operates using a 2.4GHz wireless remote control, providing an effective control distance of up to 8 meters (approximately 26.25 feet).

1. **Power On:** Ensure the ESC is powered on. The remote control will automatically connect.
2. **Speed Control:** Use the throttle on the remote control to adjust the speed of your electric skateboard. The remote allows for precise speed adjustments.
3. **Braking:** The system features electromagnetic braking for smooth and controlled deceleration. Apply the brake via the remote control as needed.
4. **Reverse Function:** The remote control includes a reverse function, allowing you to change the direction of the motors.

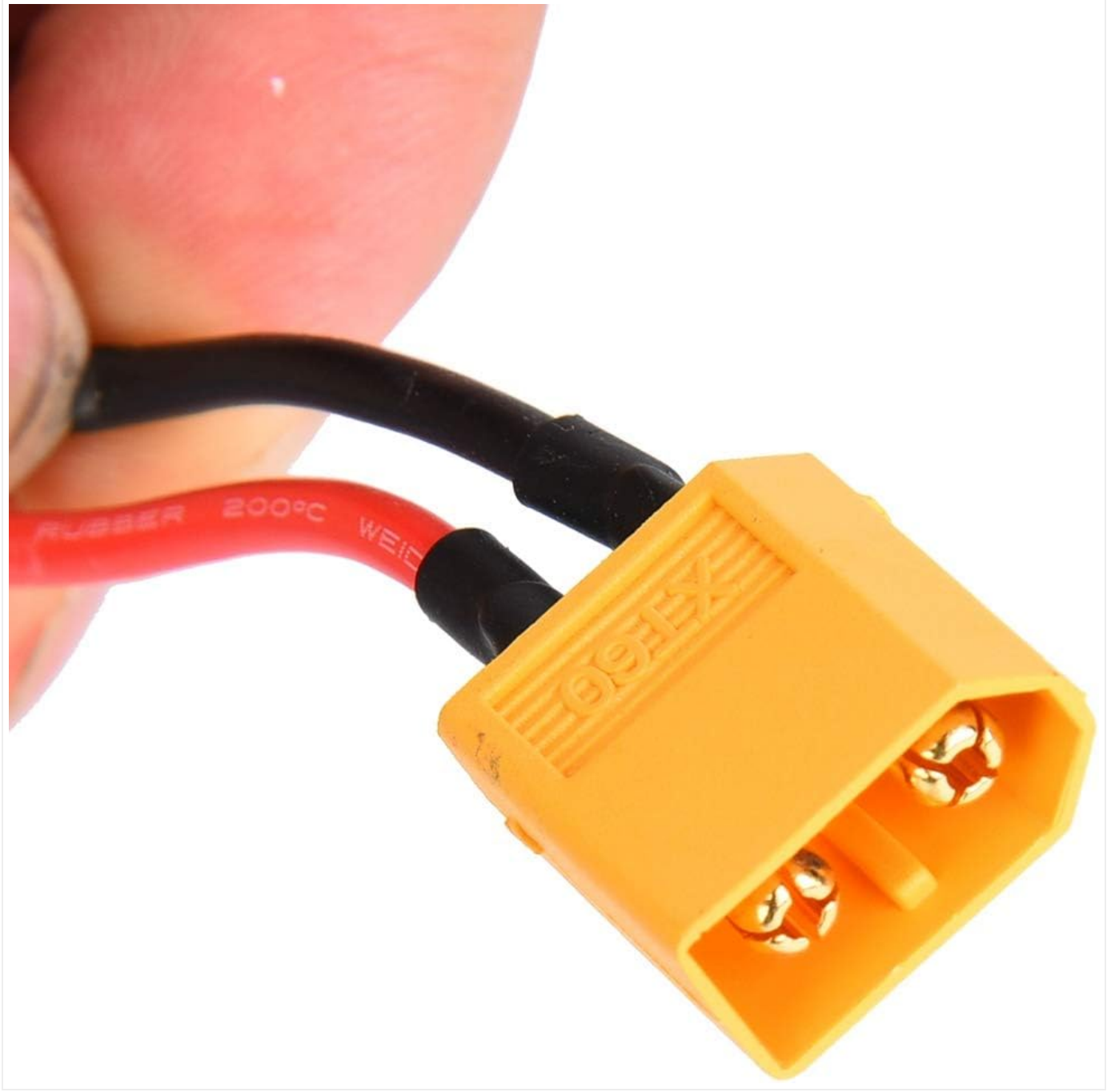


Image 5: The wireless remote control, featuring controls for speed, braking, and reverse, along with battery level indicators.

5. Maintenance

To ensure the longevity and optimal performance of your Electric Skateboard ESC Motor and remote control, follow these general maintenance guidelines:

- **Keep Dry:** Protect the ESC and remote from water and moisture. While durable, excessive exposure to liquids can cause damage.
- **Clean Regularly:** Gently clean the exterior of the components with a dry, soft cloth to remove dust and debris. Do not use harsh chemicals or abrasive materials.
- **Inspect Connections:** Periodically check all wire connections to ensure they are secure and free from corrosion or damage.
- **Store Properly:** When not in use for extended periods, store the components in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

If you encounter issues with your Electric Skateboard ESC Motor system, consider the following troubleshooting steps:

- **No Power:** Ensure the battery is fully charged and properly connected to the ESC. Check the power button connection if applicable.
- **Remote Not Responding:** Verify that the remote control is charged. As the controller and remote are pre-paired, a loss of connection might indicate a power issue with either unit.
- **Erratic Motor Behavior:** If motors behave erratically, especially with Hall sensors, ensure all motor phase wires and Hall sensor wires are correctly and securely connected. Sometimes, poor traction on one motor can cause the controller to intermittently reduce power to both; ensure even traction.
- **Limited Throttle Response:** Some users report the included remote having distinct throttle positions rather than smooth progression. If this affects your ride, consider checking for alternative compatible remotes.

7. Specifications

Feature	Specification
Item Type	Electric Skateboard ESC Motor
Material	Plastic + Stainless Steel
Color	Black
Effective Distance (Remote)	8 Meters / 26.25 Feet
Rated Voltage	24V / 36V
Rated Current	18A
Peak Current	50A
Remote Control Size	Approx. 100 x 54 x 20 mm (3.94 x 2.13 x 0.79 inches)
Product Dimensions (ESC)	3.35 x 2.36 x 0.59 inches
Item Weight (ESC)	0.17 Kilograms / 6 ounces

8. Warranty and Support

Your satisfaction is our priority. We back our product with a 100% product guarantee. If you encounter any issues or have questions regarding your Electric Skateboard ESC Motor, please do not hesitate to contact our customer care team. We are committed to resolving your inquiries within 24 hours.

© 2025 Neufday. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B083FRHH5B

More documents and user manuals: **https://manuals.plus/**