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1PZ SPT-S01

1PZ SPT-S01 Ebike Speedometer Throttle with M Key

User Manual

Introduction

This manual provides instructions for the installation, operation, and maintenance of your 1PZ SPT-S01 Ebike Speedometer Throttle with M Key. This product is specifically designed for use with the **Tuttio Soleil 01 Electric Dirt Bike**. It integrates a throttle control with a real-time display for essential riding data.
Important Compatibility Note: The voltage requirements for this new electric dirt bike throttle may differ from older models. Ensure compatibility before installation. This throttle is not interchangeable with throttles of different voltage specifications.

What's in the Box

- 1PZ SPT-S01 Ebike Speedometer Throttle with M Key

Product Dimensions



Figure 1: Product Dimensions. Overall length: 166mm. Grip length: 107mm. Handlebar mounting diameter: 22mm. Cable length: 79cm.

Key Features

- **Integrated Display:** Real-time display of key riding statistics including speed, mileage, and current cycling mode.
- **M Key Functionality:** Allows users to switch between different riding modes on the electric dirt bike.
- **Sensitive Speed Control:** Provides smooth and responsive speed adjustment by rotating the throttle grip.
- **Ergonomic Design:** Features a comfortable handlebar grip for fatigue-free operation during extended use.
- **Durable Construction:** Built to be rugged and durable for long-lasting performance.
- **IP65 Waterproof Rating:** Designed to withstand water splashes, allowing for use in rainy conditions.



Figure 2: Overview of key features including comfortable grip, real-time data display, and responsive control.



Figure 3: The integrated display and M key for mode selection.



Figure 4: The throttle's IP65 waterproof design, suitable for riding in rain.

Setup and Installation

1. **Preparation:** Ensure your electric dirt bike is powered off and secured before beginning installation.
2. **Remove Old Throttle (if applicable):** Carefully disconnect the wiring and remove the existing throttle from the handlebar.
3. **Mount New Throttle:** Slide the 1PZ SPT-S01 throttle onto the handlebar. Ensure it is positioned comfortably and securely. The inner diameter is 22mm.
4. **Connect Wiring:** Connect the throttle's wiring harness to the corresponding port on your Tuttio Soleil 01 Electric Dirt Bike. Ensure connections are firm and correct.
5. **Secure:** Tighten any mounting screws to firmly secure the throttle in place. Do not overtighten.
6. **Test:** Power on your electric dirt bike and perform a functional test of the throttle and display before riding.

Note: Professional installation is recommended if you are unsure about any steps.

Operating Instructions

- **Power On/Off:** The throttle display will activate when the electric dirt bike is powered on.
- **Speed Control:** Rotate the throttle grip forward to increase speed and backward to decrease speed. The response is designed to be smooth and precise.
- **Changing Riding Modes (M Key):** Press the 'M' button on the display unit to cycle through available riding modes (e.g., ECO, Sport, etc.). The current mode will be indicated on the display.



Figure 5: The display showing speed, battery, total mileage, and gear mode.

Display Metrics

The integrated display provides the following real-time information:

- **Speed:** Current riding speed (e.g., km/h).
- **Battery Level:** Indication of remaining battery charge.

- **Total Mileage:** Accumulated distance traveled.
- **Gear Mode:** Current riding mode selected (e.g., ECO).

Maintenance

- **Cleaning:** Wipe the throttle and display with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Water Resistance:** The throttle has an IP65 waterproof rating, meaning it is protected against dust ingress and low-pressure water jets from any direction. While it can withstand rain, avoid submerging the unit in water.
- **Cable Inspection:** Periodically check the wiring for any signs of wear, fraying, or damage. Ensure all connections remain secure.
- **Storage:** When not in use for extended periods, store the electric dirt bike in a dry, cool place away from direct sunlight.

Troubleshooting

Problem	Possible Cause	Solution
Display not turning on	Bike not powered on; loose connection; power issue.	Ensure the electric dirt bike is powered on. Check all wiring connections for security. Consult your bike's manual for power system troubleshooting.
Throttle not responding	Loose connection; incompatible voltage; internal fault.	Verify all connections are secure. Confirm the throttle's voltage compatibility with your bike. If issues persist, contact customer support.
Incorrect speed/mileage display	Sensor issue; calibration needed (unlikely for this model).	Ensure the speed sensor (if external) is clean and properly positioned. If the problem continues, contact customer support.

If you encounter any issues not listed here or if the suggested solutions do not resolve the problem, please contact 1PZ customer support for assistance.

Specifications

Feature	Detail
Brand	1PZ
Model Number	SPT-S01
Compatibility	Tuttio Soleil 01 Electric Dirt Bike
Color	Black
Item Weight	13.44 ounces
Sensor Type	Speed Sensor
Mounting Type	Handlebar Mount
Human Interface Input	Buttons, Dial

Feature	Detail
Waterproof Rating	IP65

Warranty and Support

1PZ is committed to providing high-quality products and customer satisfaction. If you encounter any issues with your 1PZ SPT-S01 Ebike Speedometer Throttle, please do not hesitate to contact our dedicated support team.
For technical problems, replacements, or refunds, please contact us first via email or message. We are dedicated to addressing your concerns promptly and ensuring you have a positive experience with 1PZ products.
Contact Information: Please refer to the seller's contact details on the platform where you purchased the product or visit the official 1PZ website for support options.

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