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› TOWILD TL03 Bicycle Tail Light Instruction Manual

TOWILD TL03

TOWILD TL03 Bicycle Tail Light Instruction Manual

Model: TL03

PRODUCT OVERVIEW

The TOWILD TL03 is a smart bicycle tail light designed to enhance cycling safety. It features intelligent brake detection, automatic light sensing, and multiple lighting modes, all powered by a rechargeable USB-C battery with an IPX6 waterproof rating.

KEY FEATURES

- **Brake Warning Function (ON/OFF):** Manually enable or disable the brake light feature. When activated, the light illuminates at maximum brightness during braking to alert traffic behind you. To toggle, long-press the switch for 3 seconds when the power is on. The light will flash 3 times to indicate the change.
- **Light Sensor & Vibration Detection:** Equipped with a smart chip, the light automatically turns on in dark environments (e.g., tunnels) and turns off in bright conditions during the day. The vibration sensor automatically turns the light on when movement is detected and off after 120 seconds of no vibration, conserving battery.
- **5 Lighting Modes:** Choose from Strobe, Rapid Flash, Breathing Flash, Flash, and Constant modes to suit various riding conditions.
- **IPX6 Waterproof:** Designed with high-density ABS material, ensuring reliable performance in rain and harsh weather conditions.
- **USB-C Rechargeable:** Features a 300mAh built-in battery with USB-C charging, eliminating the need for frequent battery replacement. Fully charges in approximately 2 hours.
- **Battery Level Indicator:** Four red indicator lights show the battery status (0-25%, 25-50%, 50-75%, 75-100%) when the device is powered on.
- **Easy Installation:** Tool-free installation with included rubber bands, allowing mounting on seat rails or seat posts.

SETUP AND INSTALLATION

The TOWILD TL03 tail light offers two primary installation methods: on the saddle rail or on the seat post. Both methods are tool-free and utilize the provided rubber bands.

Mounting on Saddle Rail

1. Attach the light's bracket to the saddle rail using the provided tie-wrap band.
2. Rotate the main body of the light clockwise by 90 degrees to secure it to the bracket.
3. Installation is complete.

Mounting on Seat Post

1. Combine the light's bracket with the seat post fixing rubber band.
2. Secure the bracket to the seat post using the rubber band.
3. Rotate the main body of the light clockwise by 90 degrees to secure it to the bracket.
4. Installation is complete.



The TOWILD TL03 can be easily installed on either the bicycle's saddle rail or seat post without the need for tools, using the included rubber bands.

OPERATION

- **Power ON/OFF:** Long-press the switch for 0.5 seconds to turn the light on or off.
- **Switching Lighting Modes:** With the power on, single-click the switch to cycle through the five lighting modes.
- **Toggle Smart Mode / Manual Mode:** With the power on, double-click the switch to switch between Smart Mode and Manual Mode.
- **Brake Function ON/OFF:** With the power on, long-press the switch for 3 seconds. The light will flash 3 times, and the brake function will turn off. To turn it back on, long-press the switch for 3 seconds again; the light will flash 3 times, and the brake function will resume.

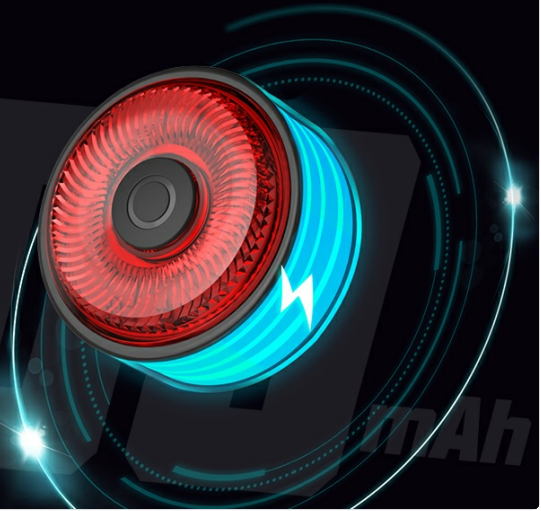
TYPE-C急速充電

TYPE-C充電ポートをサポートし、フル充電まで2時間ぐらいかかります。



長時間稼働

ストロボ点滅モードで、最大ランタイムは36時間ぐらい使用できます。



The image illustrates the various operational controls for the TOWILD TL03, including power on/off, mode switching, and toggling the smart/manual and brake functions.

Automatic Light Sensing

The integrated high-sensitivity light sensor automatically detects ambient light conditions. In Smart Mode, the light will turn off when it's bright (daytime) and automatically turn on when it's dark (nighttime or entering a tunnel).

ブレーキランプ ON/OFF可能

- ①電源オン状態でスイッチを3秒間長押しすると、ランプが3回点滅し、ブレーキ機能がオフになります。
- ②ブレーキ機能をオンにする必要がある場合、電源オン状態で再度スイッチを3秒間長押し続けると、ランプが3回点滅し、ブレーキ機能が再開します。

ブレーキオフ ブレーキオン

The light sensor feature ensures the tail light operates efficiently, automatically adjusting to ambient light for optimal visibility.

Vibration Detection (Auto ON/OFF)

The smart chip includes a vibration sensor. When in Smart Mode, the light will automatically turn on when it detects movement. If no vibration is detected for 120 seconds, the light will automatically turn off to save battery. It will reactivate upon sensing vibration again.



優れた視認性

ターボ式のようなレンズのデザインで、
260° の照明視認性により全方位の保護を実現します。
光源は集中しており、可視距離は100メートルを超えています。

The vibration sensor intelligently manages power, turning the light on during rides and off when stationary to conserve battery life.

CHARGING AND BATTERY

The TOWILD TL03 is equipped with a 300mAh internal battery and supports USB-C fast charging. A full charge takes approximately 2 hours.

Battery Level Indicator

When the device is powered on, four red indicator lamps display the current battery level:

One lamp: 0-25% battery

Two lamps: 25-50% battery

Three lamps: 50-75% battery

Four lamps: 75-100% battery

5つ点灯モード					
出力モード	ストロボ点滅	ラビット点滅	呼吸点滅	点滅	常時点灯
ランタイム	36時間	30時間	30時間	32時間	18時間

※ 上記の稼働時間はすべてブレーキ機能をオフ状態でテストしたものです。
ブレーキ機能がオンの状態で、ブレーキの頻度によって、ランタイムが変化します。
ブレーキ頻度が高いほど、ランタイムが短くなります。

The battery indicator provides a clear visual cue of the remaining power, helping users manage charging effectively.

LIGHTING MODES AND RUNTIMES

The TL03 offers five distinct lighting modes, each with varying runtimes. Please note that the listed runtimes are test values with the brake function OFF. Actual runtimes may vary depending on the frequency of brake activation when the brake function is ON.

Output Mode	Runtime (approx.)
Strobe Flash	36 hours
Rapid Flash	30 hours
Breathing Flash	30 hours
Flash	32 hours
Constant Light	18 hours

Note: The above runtimes are tested with the brake function OFF. When the brake function is ON, the runtime will vary depending on the frequency of braking. Higher braking frequency will result in shorter runtimes.



The TOWILD TL03 offers five versatile lighting modes to enhance visibility and safety during various cycling conditions.

WATER RESISTANCE

The TOWILD TL03 tail light boasts an IPX6 waterproof rating. This means it is protected against high-pressure water jets from any direction, making it suitable for use in rainy weather and on bumpy roads without concerns about water damage or malfunction.



日常通勤



ライディング



ロードサイクリング

The IPX6 waterproof rating ensures the TOWILD TL03 remains functional and durable even when exposed to rain or splashes.

PACKAGE CONTENTS

Upon opening your TOWILD TL03 package, you should find the following items:

- 1 x TL03 Tail Light
- 1 x Light Bracket
- 1 x USB-C Charging Cable
- 3 x Tie-wrap Bands
- 1 x Anti-slip Pad (for seat post)
- 2 x Rubber Bands
- 1 x Instruction Manual

取り付け方法

サドルレールの取付方



- 1、ライトのブラケットをタイラップバンドでサドルに固定します。
- 2、本体を時計回りに90度回転させ、ライトのブラケットに固定します。
- 3、取り付け完了。

シートポストの取付方



- 1、ライトのブラケットとシートポスト固定用のバンドと合わせて、ゴムバンドでシートポストに固定します。
- 2、本体を時計回りに90度回転させ、ライトのブラケットに固定します。
- 3、取り付け完了。

The complete package contents for the TOWILD TL03 tail light, ensuring you have everything needed for installation and use.

PRODUCT DIMENSIONS

The TOWILD TL03 tail light has compact dimensions, making it suitable for various bicycle types.

- **Length:** 37 mm
- **Width:** 37 mm
- **Height:** 23 mm
- **Weight:** 20 grams

商品サイズ



Detailed dimensions of the TOWILD TL03 tail light, illustrating its compact and lightweight design.

SPECIFICATIONS

Specification	Detail
Brand	TOWILD
Model Number	TL03
Color	Black
Power Source	Battery Powered (USB-C Rechargeable)
Water Resistance Level	IPX6
Product Weight	20 grams
Mounting Type	Seat Post Mount / Saddle Rail Mount
Product Dimensions (L x W x H)	37mm x 37mm x 23mm
Number of Settings/Modes	5

TROUBLESHOOTING

If you encounter any issues with your TOWILD TL03 tail light, please refer to the following common troubleshooting tips:

- **Light not turning on:** Ensure the battery is charged. Connect the light to a USB-C power source and check the battery indicator. Long-press the power button for 0.5 seconds to turn it on.
- **Light not responding to movement (Smart Mode):** Double-check that the light is in Smart Mode. If it is, ensure there is sufficient vibration to trigger the sensor.
- **Brake light not activating:** Verify that the brake warning function is enabled (long-press for 3 seconds to toggle). Ensure the light is securely mounted and can detect deceleration.
- **Short battery life:** Runtimes vary by mode. Ensure you are using a mode appropriate for your desired duration. Frequent brake activations in modes with the brake function enabled will reduce overall runtime.

If these steps do not resolve your issue, please contact TOWILD customer support for further assistance.

WARRANTY AND SUPPORT

The TOWILD TL03 Bicycle Tail Light comes with a **2-year manufacturer's warranty**. If you experience any product defects or issues within this period, please contact TOWILD customer support. They will be able to provide assistance and guidance regarding warranty claims or product inquiries.

For support, please refer to the contact information provided in your product packaging or visit the official TOWILD website.