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› TOWILD DL1200S 1200LM Bicycle Headlight Instruction Manual

TOWILD DL1200S

TOWILD DL1200S 1200LM Bicycle Headlight Instruction Manual

Model: DL1200S

1. INTRODUCTION

The TOWILD DL1200S is a high-performance bicycle headlight designed for enhanced visibility and safety during night riding and in low-light conditions. Featuring 1200 lumens of brightness, a waterproof design, and multiple lighting modes, this headlight is suitable for various cycling activities including mountain biking, road cycling, and commuting.

This manual provides detailed instructions for the proper installation, operation, and maintenance of your DL1200S bicycle headlight.

2. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- TOWILD DL1200S Bicycle Headlight
- Handlebar Mount
- USB-C Charging Cable
- Hex Key (for installation)
- User Manual

Charge your phone

In emergencies, it can also charge your smartphone as a mobile power bank



Image: The DL1200S headlight shown with its included accessories: a handlebar mount, USB-C cable, and hex key.

3. SPECIFICATIONS

Feature	Specification
Model	DL1200S

Feature	Specification
Light Output Maximum	1200 Lumens
Power Source	Battery Powered
Water Resistance Level	IPX6 Waterproof
Mounting Type	Handlebar Mount (Under-mounted style)
Material	Nylon, Plastic, Polycarbonate
Item Package Dimensions	5.2 x 3.15 x 2.28 inches
Package Weight	200 Grams

4. SETUP AND INSTALLATION

The DL1200S is designed for under-mounted installation on your bicycle handlebars. An external mounting bracket (sold separately) may be required for certain setups.

4.1 Attaching the Handlebar Mount

1. Position the handlebar mount on your bicycle handlebar in the desired location.
2. Use the provided hex key to tighten the screw on the mount, ensuring it is secure and does not rotate freely.

4.2 Mounting the Headlight

1. Align the base of the DL1200S headlight with the mounting slot on the handlebar mount.
2. Slide the headlight into the mount until it clicks securely into place. The quick-release design ensures a firm attachment.
3. To remove, press the release tab (if present on your mount) and slide the light out.

Quick Assembly

Compatible Garmin mount
Quick-release design deters thieves



Notice: This light is designed for under-mounted

Image: A hand demonstrates the quick assembly of the DL1200S headlight onto a compatible Garmin-style handlebar mount.

5. OPERATION

5.1 Power On/Off

- To power on, press and hold the power button for 0.5 seconds.
- To power off, press and hold the power button for 0.5 seconds.

5.2 Lighting Modes

The DL1200S features 5 lighting modes. Single-click the power button to cycle through the modes:

Mode	Lumens	Approx. Runtime
Low	300	6.5 hours
Medium	600	3.5 hours
High	1200	2 hours
Night Flash	0-300	12 hours
Day Flash	0-600	12 hours
Passing (Boost)	1500	Momentary

High-Brightness & 5 Lighting Modes

1200 Lumens / Extended Reach Illumination



Mode	Low	Medium	High	Night Flash	Day Flash	Passing
Lumens	300	600	1200	0-300	0-600	1500
Time	6.5h	3.5h	2h	12h	12h	\

Image: The DL1200S headlight mounted on a bicycle handlebar, illustrating the various brightness and flash modes with their respective lumen outputs and runtimes.

5.3 Smart Mode and Vibration Sensing

In Smart Mode, the light will automatically turn off after remaining stationary for 120 seconds while illuminated. It will automatically reactivate upon detecting vibration, such as when you resume cycling.

- To toggle between Steady Light Mode and Flashing Mode: Single click the power button.
- To switch between Smart Mode and Manual Mode: Hold the power button for 0.5 seconds.

Vibration Sensing

In Smart Mode, the light will automatically turn off after remaining stationary for 120 seconds while illuminated. It will automatically reactivate upon detecting vibration

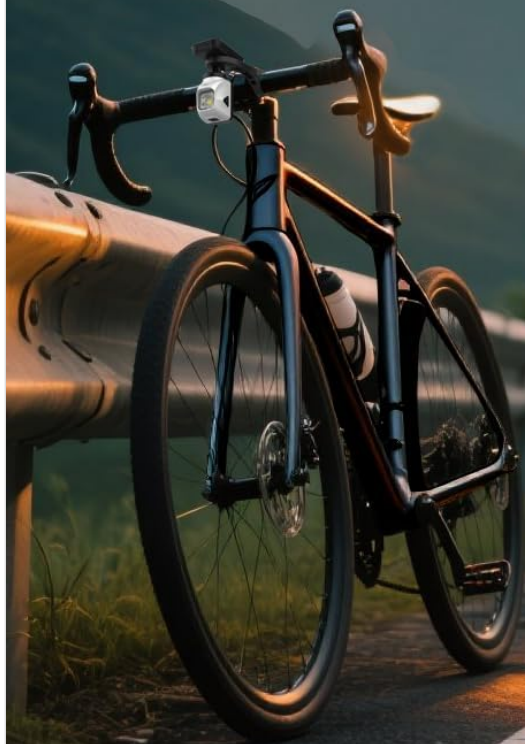


Image: Two bicycles, one with a rider, illustrating the vibration sensing feature where the light automatically turns off when stationary and reactivates with movement.

5.4 Remote Control (Optional)

The DL1200S supports an optional remote control for convenient operation without removing your hands from the handlebars.

- **Power ON/OFF:** Press and hold the switch for 0.5 seconds.

- **Mode Adjustment:** Single click to adjust brightness in each mode.
- **Toggle Steady/Flashing:** Single click to switch between Steady Light and Flashing Mode.
- **Switch Smart/Manual:** Hold (0.5s) to switch between Smart Mode and Manual Mode.
- **Boost Mode:** Press and hold to instantly boost to 1500 lumens (overrides all modes). Release to return to your previous mode.

Remote Pairing Steps:

1. Turn on the light.
2. Hold the power button on the light for 3 seconds until the LED turns red and the light flashes.
3. Immediately hold any button on the remote to pair.



Remote Control

don't need to take your hands off the handlebars, improving safety

-  **Power ON/OFF:** Press and hold the switch for 0.5 seconds.
Mode Adjustment: Single click to adjust brightness in each mode
-  **Single Click:** Toggles between Steady Light and Flashing Mode.
Hold (0.5s): Switches between Smart Mode and Manual Mode.
-  **Press and hold** to instantly boost to 1500 lumens (overrides all modes). Release to return to your previous mode.

 **Pairing Steps:** 1. Turn on the light, 2. Hold the power button (3 sec) until the LED turns red and the light flashes. 3. Immediately hold any remote button to pair.

Image: A cyclist's hand operating a remote control mounted on the handlebars, with instructions for various functions and pairing steps.

6. CHARGING

The DL1200S is equipped with a USB-C charging port for fast and convenient charging.

- Connect the provided USB-C cable to the charging port on the light and to a USB power source (e.g., wall adapter, computer, power bank).
- A full charge typically takes approximately 2 hours.

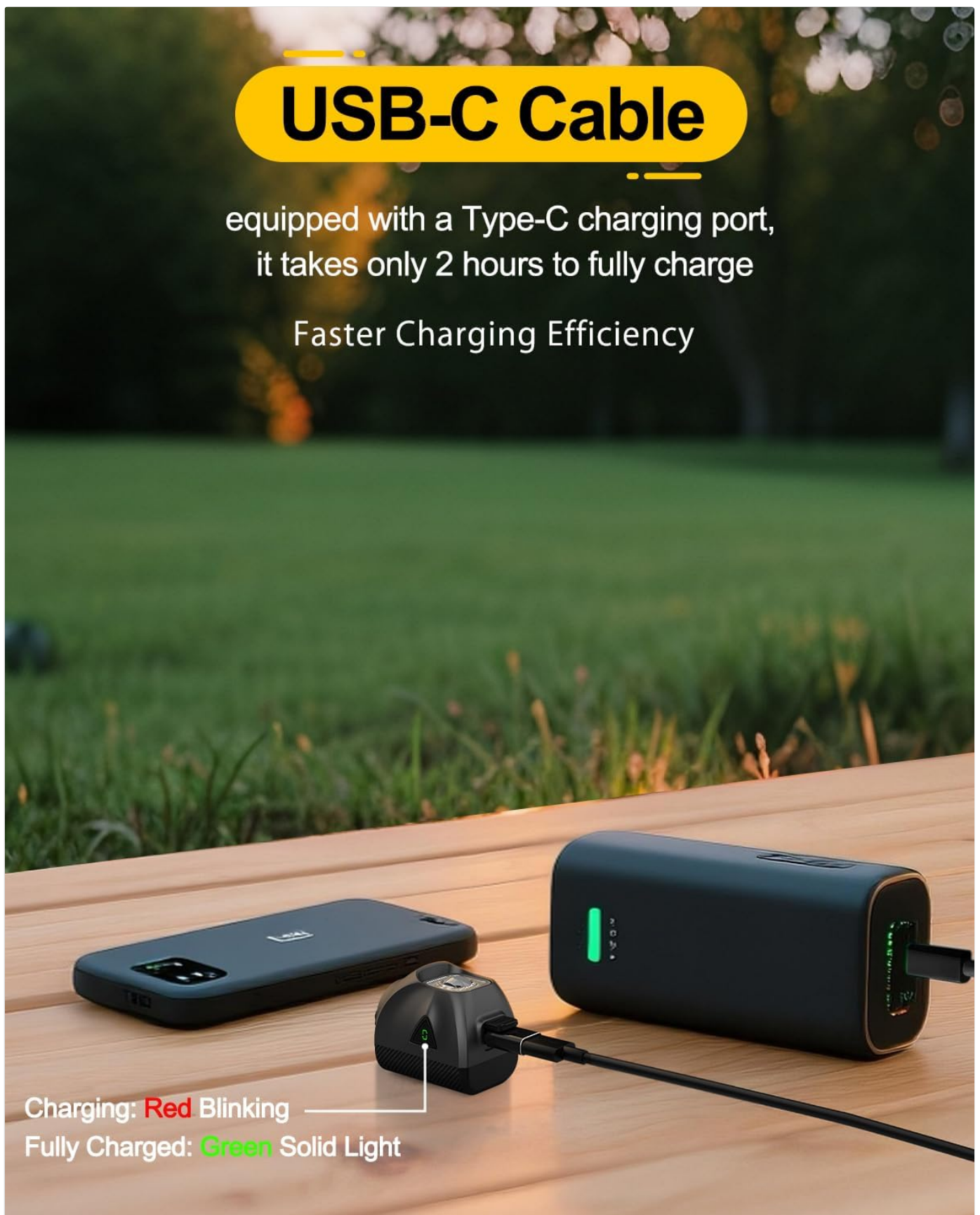
6.1 Charging Indicators

- **Charging:** Red light blinking.
- **Fully Charged:** Green light solid.

USB-C Cable

equipped with a Type-C charging port,
it takes only 2 hours to fully charge

Faster Charging Efficiency



Charging: **Red** Blinking
Fully Charged: **Green** Solid Light

Image: The DL1200S headlight being charged via a USB-C cable connected to a power bank, showing the charging indicator light.

6.2 Power Bank Function

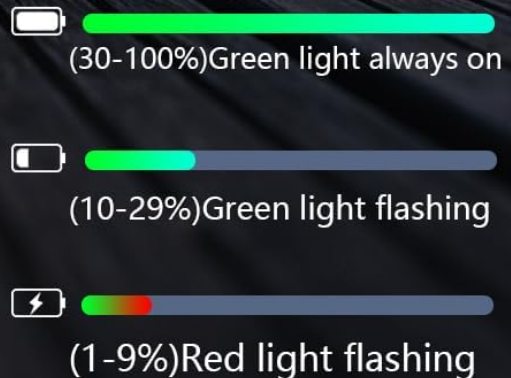
In emergencies, the DL1200S can also be used to charge your smartphone or other small electronic devices as a mobile power bank.

Clear Battery Level Display

In standby mode, press any button once to display remaining battery level



Manual mode



Attention

Manual mode: green Light
Smart mode: blue Light

Image: The DL1200S headlight connected via cable to a smartphone, demonstrating its emergency power bank capability in an outdoor setting.

7. BATTERY LEVEL DISPLAY

To check the remaining battery level, press any button once while the light is in standby mode.

- **Manual Mode (Green Light):**

- 30-100%: Green light always on.
- 10-29%: Green light flashing.
- 1-9%: Red light flashing.

- **Smart Mode (Blue Light):**

- 30-100%: Blue light always on.
- 10-29%: Blue light flashing.
- 1-9%: Red light flashing.



Image: The DL1200S headlight on a wooden surface, displaying the battery indicator lights and their corresponding charge levels for both Manual (green) and Smart (blue) modes.

8. MAINTENANCE

8.1 Cleaning

- Wipe the light body with a soft, damp cloth to remove dirt and debris.
- Do not use abrasive cleaners or solvents, as these may damage the finish or lens.
- Ensure the USB-C port cover is securely closed to maintain waterproof integrity.

8.2 Waterproof Design (IPX6)

The DL1200S features an IPX6 waterproof rating, meaning it is protected against high-pressure water jets from any direction. This allows for safe and confident riding in various weather conditions.

IPX6 Waterproof

Ride safely and confidently in any weather or rough terrain
— no more panic!



Image: The DL1200S headlight mounted on a bicycle handlebar, being exposed to rain, demonstrating its IPX6 waterproof capability.

8.3 Storage

When not in use for extended periods, store the headlight in a cool, dry place. It is recommended to charge the battery to approximately 50% before long-term storage to prolong battery life.

9. TROUBLESHOOTING

- **Light does not turn on:**

- Ensure the battery is charged. Connect the light to a USB-C charger.
- Press and hold the power button for 0.5 seconds to turn on.

- **Remote control not working/syncing:**

- Follow the remote pairing steps outlined in Section 5.4.
- Ensure the remote control's battery is functional.

- **Light turns off unexpectedly in Smart Mode:**

- This is normal behavior for the vibration sensing feature. The light will turn off after 120 seconds of no movement.
- If you prefer the light to stay on continuously, switch to Manual Mode (hold power button for 0.5 seconds).

- **Daylight flashing light appears weak:**

- The daylight flash mode is designed for daytime visibility and may appear less intense than the main headlight beam.
- Ensure the light is clean and unobstructed.

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The TOWILD DL1200S Bicycle Headlight comes with a 2-year warranty from the date of purchase, covering manufacturing defects. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

10.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your TOWILD DL1200S headlight, please contact TOWILD customer support through the retailer where the product was purchased or visit the official TOWILD website for contact information.

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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