

Gonetre UKC1

Gonetre UKC1 Electric Bike LCD Display User Manual

Model: UKC1 | Brand: Gonetre

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Gonetre UKC1 Electric Bike LCD Display. Please read this manual thoroughly before use to ensure proper function and safety. This display is designed for electric bicycles and scooters, offering clear real-time data and convenient control.

2. PRODUCT OVERVIEW AND FEATURES

The Gonetre UKC1 LCD Display is a robust and user-friendly panel designed to enhance your electric bike or scooter experience. It features a high-definition color screen and integrated controls.

Key Features:

- **Durable Construction:** Made from ABS material, ensuring a lightweight yet sturdy and durable design that protects internal circuits.
- **Intuitive Operation:** Built-in smart chip for integrated gear switching and real-time riding data display.
- **Backlight Design:** Ensures clear visibility day and night for convenient travel.
- **USB Charging Port:** Integrated 5V 500mA USB socket for charging mobile devices.
- **Comprehensive Display:** High-definition LCD panel shows accurate power, speed, and mileage.
- **Water-Resistant Design:** Designed to withstand rainy conditions, though prolonged submersion is not recommended.

Components:

The package includes the following items:

- 1 x Gonetre UKC1 Display Panel
- 1 x Instruction Manual (this document)
- 4 x Washers
- 3 x Screws
- 3 x Nuts



Figure 2.1: The Gonetre UKC1 LCD Display with its control unit and connecting cables. The screen shows real-time speed, battery level, assist level, power output, trip distance, and clock.



Figure 2.2: The Gonetre UKC1 LCD Display along with the complete set of mounting hardware, including washers, screws, and nuts, ready for installation.

3. SETUP AND INSTALLATION

Follow these steps to properly install your Gonetre UKC1 LCD Display on your electric bike or scooter.

1. **Prepare Handlebar:** Ensure your handlebar has a diameter of 22.2mm for proper fitment. Clean the installation area.
2. **Mount the Display:** Position the display panel on your handlebar. Use the provided screws, nuts, and washers to securely fasten the display bracket. Do not overtighten.
3. **Mount the Control Unit:** Attach the separate control unit (buttons) to a convenient location on your handlebar, typically near the grip for easy access.
4. **Connect Cables:** Connect the display panel's cable to the control unit's cable. Then, connect the main cable from the display/control unit to your electric bike's controller. Ensure the connector type matches (Communication Protocol No. 2).
5. **Secure Cables:** Route and secure all cables to prevent interference with steering or moving parts.

Important Note:

The product uses communication protocol No. 2. It must be used with a controller that also supports communication protocol No. 2. Incompatibility will prevent the display from functioning correctly.



Figure 3.1: The display and control unit with their respective cables, illustrating the connection points for installation.

4. OPERATING INSTRUCTIONS

The Gonetre UKC1 display provides essential riding information and controls. Familiarize yourself with the display layout and button functions.

Display Functions:

- **Speed Display:** Shows real-time riding speed.
- **Power Gear Display:** Indicates the current assist level or power mode.
- **Power Indicator:** Displays the remaining battery charge.
- **Fault Prompt:** Alerts you to system errors or malfunctions.
- **Total Mileage:** Records the total distance traveled by the bike.
- **Single Mileage:** Records the distance for the current trip.
- **Headlight Display:** Indicates if the headlights are on.



Figure 4.1: A detailed view of the display screen, highlighting the various data points such as speed, battery voltage, assist level, power output, and trip information.

Button Functions:

The control unit typically features buttons for power, mode selection, and assist level adjustment.



Figure 4.2: The control unit with its five distinct buttons: Power, Mode, Plus (+), Minus (-), and a central button, used for navigating menus and adjusting settings.

- **Power Button (usually marked with a circle and line):** Press and hold to turn the display ON/OFF. A short press may activate/deactivate headlights or switch display modes.

- **Plus (+) Button:** Increases assist level, navigates up in menus, or increases values.
- **Minus (-) Button:** Decreases assist level, navigates down in menus, or decreases values.
- **Mode (M) Button:** Cycles through different display information (e.g., total mileage, single mileage, average speed). May also be used to enter settings menus.
- **USB Charging:** Connect your mobile device to the USB port on the display for charging (5V 500mA output).

Note:

Specific button functions and menu navigation may vary slightly. Refer to your electric bike's main controller manual for advanced settings or specific operational details if this display is part of a larger system.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Gonetre UKC1 LCD Display.

- **Cleaning:** Wipe the display screen and body with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the screen or casing.
- **Water Exposure:** The display is water-resistant and can withstand rain. However, avoid prolonged exposure to heavy rain or submersion in water. Ensure the USB port cover (if present) is securely closed when not in use.
- **Cable Inspection:** Periodically check all cables and connectors for signs of wear, damage, or loose connections. Secure any loose cables.
- **Storage:** When not in use for extended periods, store the display in a dry, cool place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Gonetre UKC1 LCD Display, consider the following common solutions:

- **Display Not Turning On:**
 - Check if the main power of your electric bike is on.
 - Ensure all cable connections are secure and properly seated.
 - Verify that the display's communication protocol (No. 2) matches your bike's controller.
 - Check the battery level of your electric bike.
- **Incorrect Data Displayed:**
 - Ensure the display is correctly configured for your wheel size (if applicable, usually set via the controller).
 - Check for any loose sensor connections on your bike.
- **USB Charging Not Working:**
 - Ensure the display is powered on.
 - Check the USB cable and the device you are trying to charge.
- **Error Codes:**

If an error code appears on the display, consult your electric bike's main controller manual for specific interpretations and troubleshooting steps, as error codes are often generated by the controller.

If problems persist after attempting these steps, contact Gonetre customer support or a qualified electric

bike technician.

7. SPECIFICATIONS

Parameter	Detail
Product Material	ABS (Acrylonitrile Butadiene Styrene)
Suitable Handlebar Diameter	22.2mm
Display Type	High-definition LCD Color Panel
USB Output	5V 500mA
Communication Protocol	No. 2
Item Weight	Approx. 254g / 9oz
Package Dimensions	4.72 x 3.54 x 3.54 inches
Included Components	Panel, Instruction Manual, 4 x Washer, 3 x Screw, 3 x Nut

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the purchase documentation or contact Gonetre directly through their official channels. Keep your proof of purchase for any warranty claims. For technical assistance or further inquiries, please visit the Gonetre website or contact their customer service department.