

[Manuals.plus](#) /

› [Beuiouer](#) /

› Electric Bike LCD Display Meter M6C User Manual

Beuiouer M6C

Electric Bike LCD Display Meter M6C User Manual

Brand: Beuiouer | Model: M6C

INTRODUCTION

Welcome to the user manual for your Beuiouer M6C Electric Bike LCD Display Meter. This manual provides essential information for the proper installation, operation, and maintenance of your new display. Please read this manual thoroughly before using the product to ensure optimal performance and safety. The M6C display is designed for electric bikes and scooters, supporting multiple voltage systems and offering a clear, color screen interface.

PRODUCT OVERVIEW

The Beuiouer M6C is a central VA color screen instrument designed to provide comprehensive data for your electric bike or scooter. It features a clear display with two distinct color areas for improved readability and an adjustable angle design for optimal viewing.



Figure 1: Front View of M6C Display. This image shows the front of the M6C LCD display, highlighting its color screen with indicators for battery level, current speed (58.3 km/h), PAS level (5), and odometer (00012 km). The "M6C" model designation is visible at the top right.



Figure 2: M6C Display Mounted on Handlebar. This image illustrates the M6C display as it would appear when mounted on an electric bike handlebar. The screen shows a speed of 00.0 km/h and an error code "E 010", indicating a potential issue.



Product model:	M6C Central VA color screen instrument		
Product Size:	98.1X61.9X24.6MM	Communication method:	UART
Adaptive voltage:	24V/36V/48V/60V	Applicable handlebar size:	22.2MM/25.4MM/ 28.6MM/31.8MM
Product shell:	ABS and metal parts		
USB charging function: 5V/500MA			
Features:	Three colors distinguish the display area. The instrument has added a unique angle adjustment design power indicator; Boost function; Boost gear; Speed display; SUBTOTAL mileage/total mileage; Running time; Metric-English conversion; Fault prompt		

Figure 3: Side View of M6C Display. This image provides a side perspective of the M6C display, showcasing its compact design and the integrated mounting bracket for handlebar attachment.

M6C

Bicycle LCD meter



Figure 4: Rear View of M6C Display. This image displays the back of the M6C unit, revealing the cable entry points and the overall construction of the rear casing.

SPECIFICATIONS

Feature	Description
Product Model	M6C
Product Size	98.1 x 61.9 x 24.6 MM
Adaptive Voltage	24V / 36V / 48V / 60V
Communication Protocol	UART
Applicable Handlebar Size	22.2MM / 25.4MM / 28.6MM / 31.8MM
Product Shell Material	ABS and metal parts

Feature	Description
USB Charging Function	5V / 500MA
Waterproof Grade	IP65
Item Weight	273 Grams

SETUP AND INSTALLATION

The M6C display is designed for easy installation on various handlebar sizes.

- Handlebar Mounting:** Identify a suitable position on your electric bike or scooter handlebar. The M6C supports handlebar diameters of 22.2MM, 25.4MM, 28.6MM, and 31.8MM. Use the provided bracket to securely attach the display. Ensure the display is positioned for optimal viewing and does not obstruct other controls.
- Cable Connection:** Connect the display's communication cable to the corresponding port on your electric bike's controller. The M6C uses a UART communication protocol. Ensure all connections are firm and secure to prevent disconnections during operation.
- Power Supply:** The display is adaptive to 24V, 36V, 48V, and 60V systems. Ensure your bike's power system matches one of these voltages. The display will draw power directly from the bike's battery system once connected.
- Initial Check:** After installation, turn on your electric bike's power. The M6C display should power on and show initial readings. If not, recheck all connections.

OPERATING INSTRUCTIONS

The M6C display provides essential riding information and control functions.

- **Power On/Off:** Typically, the display powers on with the main power switch of your electric bike. Long press the power button (if available on the display) to turn it on or off.
- **Display Information:** The color screen clearly shows:
 - **Battery Indicator:** Shows the current battery charge level.
 - **Speed Display:** Real-time speed in km/h.
 - **Boost Function/Gear:** Indicates the current power assist level (PAS) or boost mode.
 - **Mileage:** Displays both subtotal (trip) mileage and total odometer mileage.
 - **Running Time:** Shows the duration of the current ride.
- **USB Charging:** The display features a 5V/500MA USB output, allowing you to charge small electronic devices like smartphones during your ride. Locate the USB port on the display and connect your device.
- **Settings and Modes:** The display may have buttons (not explicitly detailed in data, but common) to cycle through different display modes (e.g., trip distance, total distance, average speed, max speed) or to enter settings for metric/imperial unit conversion. Refer to your bike's main controller manual for specific button functions if not on the display itself.
- **Angle Adjustment:** The display's design allows for angle adjustment to reduce glare and improve visibility in various lighting conditions. Adjust the display to your preferred viewing angle.

MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your M6C display.

- **Cleaning:** Use a soft, damp cloth to wipe the display screen and body. Avoid using abrasive cleaners, solvents, or harsh

chemicals, as these can damage the screen or casing.

- **Water Resistance:** The M6C 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 and splashes, do not immerse the display in water or expose it to high-pressure water streams (e.g., from a pressure washer).
- **Cable Inspection:** Periodically check all cables and connections for signs of wear, fraying, or loose connections. Secure any loose connections to prevent intermittent operation.
- **Storage:** If storing your electric bike for an extended period, ensure the display is clean and dry. Store in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

This section addresses common issues you might encounter with your M6C display. The display features a "fault prompt" system to indicate specific errors.

Problem	Possible Cause	Solution
Display does not power on.	No power from bike battery; Loose cable connection; Faulty display.	Ensure bike battery is charged and main power is on. Check all cable connections between display and controller. If problem persists, contact support.
Incorrect speed or mileage readings.	Sensor issue; Incorrect wheel circumference setting (if adjustable).	Check speed sensor and magnet alignment. If your bike's controller allows, verify wheel circumference setting.
Display shows an error code (e.g., "E 010").	System fault detected by the display.	Refer to your electric bike's main controller manual for a list of error codes and their meanings. Common errors relate to motor, controller, or battery issues. Try restarting the bike.
USB charging not working.	Device not compatible; Cable issue; Display not powered.	Ensure the display is powered on. Try a different USB cable or device. The USB output is 5V/500MA, which may not be sufficient for all devices.

For persistent issues or error codes not listed, please consult your electric bike's manufacturer or a qualified service technician.

WARRANTY AND SUPPORT

Specific warranty terms for the Beuiouer M6C LCD Display Meter are typically provided by the seller or manufacturer at the time of purchase. Please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact the retailer from whom you purchased the product or the official Beuiouer customer service channels, if available.