

BAFANG E160.CAN

User Manual for BAFANG DP E160.CAN Bus eBike Display

Model: E160.CAN

1. INTRODUCTION

Thank you for choosing the BAFANG DP E160.CAN Bus Display. This eBike display and computer is designed to provide essential riding data and control for your electric bicycle, specifically compatible with BAFANG M200 and M600 motor mid-drive kits utilizing the CAN communication protocol. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your display.

2. SAFETY INFORMATION

- Always ensure the display is securely mounted before riding.
- Do not attempt to disassemble or modify the display, as this may void the warranty and cause damage.
- Keep the display clean and dry. Avoid exposing it to extreme temperatures or harsh chemicals.
- Pay attention to your surroundings while riding. Do not become overly distracted by the display.
- In case of an error code, refer to the Troubleshooting section or contact customer support.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- BAFANG DP E160.CAN Bus Display Unit
- Connection Cable
- Mounting Bracket (integrated with display)



Image: The BAFANG DP E160.CAN Bus Display unit shown with its integrated cable.

4. PRODUCT OVERVIEW

The DP E160.CAN display features a high-contrast IPS colorful matrix screen and an ergonomic external controller with intuitive button design for ease of use. Its compact design integrates seamlessly with your eBike's handlebar.



Image: Technical drawing illustrating the dimensions of the DP E160.CAN display, including its height, width, and cable length.



Image: The display shown in a rainy environment, highlighting its waterproof capabilities (IP54 rating).

5. SETUP AND INSTALLATION

Installation of the DP E160.CAN display is straightforward and typically takes only a few minutes.

1. **Mounting:** Securely attach the display to your eBike's handlebar using the integrated mounting bracket. Ensure it is positioned for easy viewing and access to buttons without obstructing your riding.
2. **Connection:** Connect the display's cable to the corresponding port on your BAFANG M200 or M600 motor mid-drive kit. Ensure the connection is firm and secure. The display is designed for CAN communication protocol motors only.



Image: The DP E160.CAN display securely mounted on an eBike handlebar, showing its compact and integrated design.



Image: A detailed view of the display's green connector, which is designed for compatibility with BAFANG CAN communication protocol motors.

6. OPERATING INSTRUCTIONS

The DP E160.CAN display provides comprehensive riding data and allows for easy control of your eBike's assist levels.

6.1 Power On/Off

To power on the display, press and hold the power button (usually integrated with the controller). To power off, press and hold the same button until the display shuts down.

6.2 Navigating the Display

The display shows various riding parameters. Use the '+' and '-' buttons to cycle through different assist levels (0-5 levels available). The screen provides real-time information at a glance.



Image: The display screen illustrating key data points such as speed, PAS (Pedal Assist System) level (0-5), headlight status, and battery indicator.

6.3 Displayed Information

The display provides the following data:

- Average Speed (Avg)
- Maximum Speed (Max)
- Real-Time Speed
- Battery Indicator
- Odometer / Trip Distance / Range
- Riding Time
- Clock
- Assist Level (0-5)
- Error Code

6.4 Walk Assist Feature

The DP E160.CAN display includes a "walk" assist feature. To activate it, cycle the pedal assist level down past '1' to 'OFF'. Then, press and hold the lower edge of the controller-display. The bike will move forward at a walking pace as long as the button is held. It is recommended to be in the lowest gear for optimal walk assist speed.

7. SETTINGS AND FEATURES

Some parameters on the display can be adjusted to suit your bike and personal preferences. These settings are typically accessed through the controller's interface and should be adjusted carefully. Refer to your BAFANG motor's controller manual for detailed instructions on accessing and modifying advanced settings.

- **Assist Levels:** You can select from 5 different assist levels.
- **Unit System:** (e.g., Metric/Imperial) - Check your controller settings for this option.
- **Wheel Diameter:** (for accurate speed/distance) - Check your controller settings for this option.

8. MAINTENANCE

To ensure the longevity and proper functioning of your DP E160.CAN display, follow these maintenance guidelines:

- **Cleaning:** Wipe the display screen and body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the eBike and display in a cool, dry place, away from direct sunlight.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.

9. TROUBLESHOOTING

If you encounter issues with your DP E160.CAN display, refer to the table below. For problems not listed, please contact customer support.

Problem	Possible Cause	Solution
Display does not power on.	Loose cable connection, low battery, motor not powered.	Check all connections. Ensure eBike battery is charged and turned on.
Incorrect speed/distance readings.	Incorrect wheel diameter setting, faulty speed sensor.	Verify wheel diameter setting in controller. Check speed sensor for damage or misalignment.
Error Code displayed.	Indicates a specific system fault.	Consult your BAFANG motor's manual for specific error code meanings and solutions. If persistent, contact support.
Buttons unresponsive.	Dirt/debris, internal malfunction.	Clean around buttons. If problem persists, contact customer service.

10. SPECIFICATIONS

Feature	Detail
Brand	BAFANG
Model	DP E160.CAN
Compatibility	BAFANG M200 & M600 Motor Mid Drive Kit with CAN Communication Protocol (Not compatible with BBS motor)
Display Type	High-contrast IPS colorful matrix screen
Material	ABS and PC
International Protection Rating	IP54 (Waterproof)
Mounting Type	Handlebar Mount
Human Interface Input	Buttons
Included Components	Cable

11. WARRANTY AND SUPPORT

BAFANG products come with a one-year warranty. For any technical support or assistance, professional technicians are available. Please refer to your purchase documentation for specific contact details or check the official BAFANG website for support information.

For customer service inquiries, please allow for a 24-hour response time.



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Related Documents - E160.CAN



[Bafang Mid-Drive Ebike Programming Guide: Enhance Performance](#)

Learn how to reprogram your Bafang mid-drive ebike system for improved usability and performance. This comprehensive guide covers necessary hardware, software, configuration tool instructions, and detailed explanations of all settings for Bafang BBS02 and BBSHD motors.

BAFANG BBS01/BBS02 Installation Manual   Prepared for Customers of eMax eBikes, Australia 	BAFANG BBS01/BBS02 Mid-Drive E-bike Motor Installation Manual eMax eBikes Comprehensive installation manual for the BAFANG BBS01 and BBS02 mid-drive electric bike motor kits. Includes technical specifications, assembly steps, wiring diagrams, and warranty information from eMax eBikes.
BAFANG BBS01/BBS02 Installation Manual   	BAFANG BBS01/BBS02 Mid-Drive Electric Bike Conversion Kit Installation Manual Detailed installation guide for BAFANG BBS01 and BBS02 mid-drive electric bike conversion kits. Covers system overview, technical specifications, step-by-step assembly, component connections, and warranty information for e-bike DIY enthusiasts.
	BAFANG M510 Mid Motor User Manual and Installation Guide Comprehensive user manual for the BAFANG M510 Mid Motor, covering specifications, installation procedures, maintenance, and troubleshooting for electric bicycles.
6 USER MANUAL FOR M510 (MM G522.250.C)  CONTENT 1. Introduction 2. Specifications 3. Installation 4. Operation 5. Maintenance	Bafang M510 Mid Drive Motor User Manual User manual for the Bafang M510 mid-drive motor, covering introduction, specifications, surface details, storage information, and maintenance guidelines.
	BAFANG HD Drive System Dealer Manual Comprehensive dealer manual for the BAFANG HD Drive System, covering installation, technical specifications, operation, and troubleshooting for the MM G32.1000 drive unit and DP C10.UART display.



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7 HNDLERSANLEITUNG FR DP **E160.CAN** HNDLERSANLEITUNG FR DISPLAY

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7.3.2Resumen de funciones 7.4 Instalacin de la pantalla 7.5 Pantalla 7.6 Definicin de

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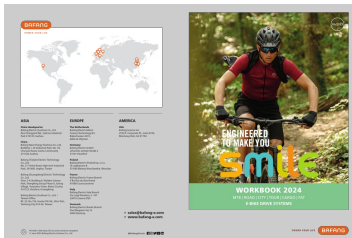
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