USERS GUIDE
NOKEE LCD

Content

Preface

Dear users,

Please read through the instructions of NOKEE meter carefully before using it to ensure a better performance of your e-bike. We will use the most concise words to show you all detailed steps for using it, including the steps from installation and setting of hardware through normal use of the instrument. The instructions will also help you eliminate the confusion and malfunctions that you may encounter.

1. Appearance and dimension

1.1 Main Materials and colors

The main materials are aluminum alloy and tempered glass. The color is black frosted, and the material of the shell allows normal use at a temperature of -40°C to 80°C, and can ensure good mechanical properties.

Display Dimensions (Unit: mm)

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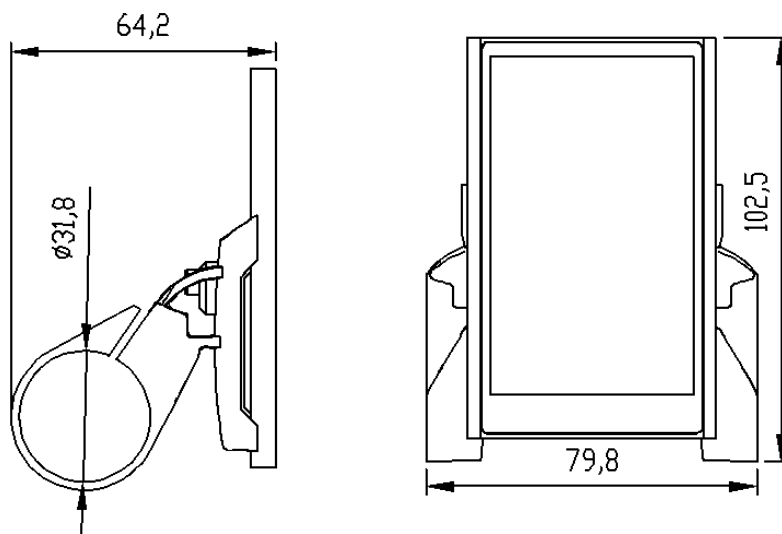
2. Functions and N3 Button

2.1 Functions Summary

NOKEE provides you with a variety of function displays that can meet your riding needs. The contents displayed by NOKEE list as follows:

◆ Battery indication

◆ Speed indication (Real time Speed/ Max Speed/Average Speed)

◆ Distance indication（Trip/ODO）

◆ 6km/h Walk assist function indication

◆ Multiple setting parameters. Such as: wheel diameter, speed limit, battery capacity setting, multiple power-assisted gear selection, turn on/off front light, automatic shutdown, and external programming can be done by using dis-pro

The above functions are only the existing functions of this display, which can be expanded according to customer needs, such as: power-assisted parameter setting, power-on password setting, and controller current limit setting.

2.2 Display Content

NOKEE display interface

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2.3 N3 Button

The button body is made of PC material, and the button part is made of soft silicone material, and the whole body is black. There are three buttons on the NOKEE button. Including ⏻power-on mode button , plus button ▲ and ▼minus button . In the subsequent instructions, the ⏻button is replaced by the text [MODE]; the ▲ button is replaced by the text [UP]; the ▼ button is replaced by the text [DOWN].
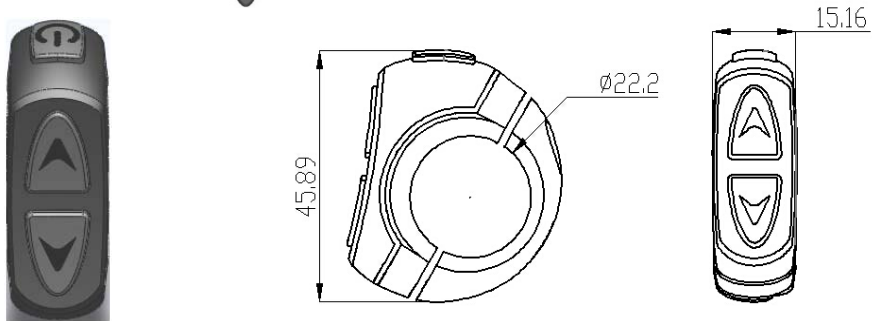
3. Precautions

Avoid striking or knocking of the display.

Avoid bumping of the display.

Avoid direct flushing of the display.

Don't modify system parameters to avoid parameters disorder.

In the case of errors or malfunctions the display should be returned to your local supplier for repairs/replacements.

4. Installation Instruction

Step 1: Opening of the holder and snap it to the handlebar. Step 2: Adjust the angle and tighten the holder with screws. It is recommended to use a torque of 1.5N.M. The final completion.

 ⟹ ⟹

Open the holder in the direction of the arrow.   Adjust the angle and tighten the screw   Installation finished
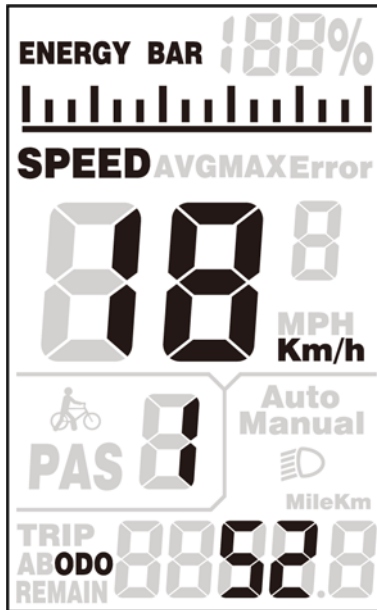
5. Interface settings

5.1 Power On/Off

Press and hold "MODE" for several seconds to toggle the power on or off to both the display and controller. While the power is off, the display will no longer consume power with a leakage current is less than 1uA.

The bike will be shut down automatically if it is left idle for 10 minutes.

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No.15, Chenchang Road, Beichen Dist.Tianjin,300134, CN
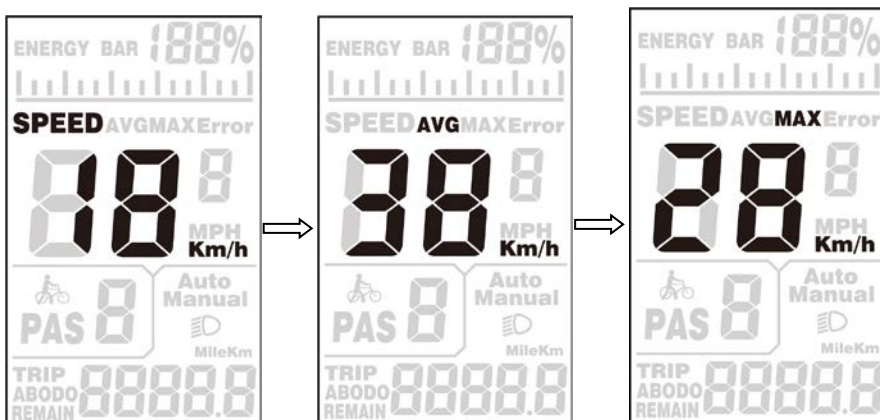Fax：+0086 022 8478 0358 Tel: +0086 022 8478 0378

5.2 User Interface

NOKEE user interface

5.3 Speed/Trip/ODO

Long press [MODE] button and [UP] button to enter the speed switching interface, SPEED (real-time speed), AVG (average speed), MAX (maximum speed) are displayed respectively, as shown in the figure:

Real time speed   Average speed   Maximum speed

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5.4 Trip/ODO

Short press the [MODE] key to switch the mileage information, the display sequence is: TRIP A → TRIP B → ODO → REMAIN DISTANCE → TRIP A. As shown in the figure:
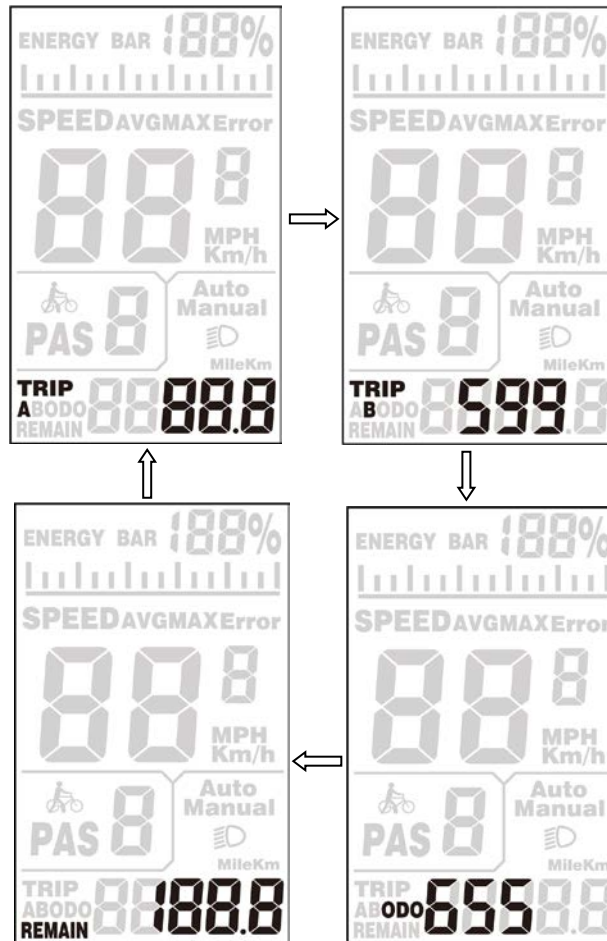
5.5 Walk Assist Mode

When the display is turn on, long press the [DOWN] button after 3 seconds, the e-bike will enter the state of walk assist mode. The e-bike travels at a constant speed of 6km/h. The screen will flash "WALK".

Walk Interface

5.6 Headlight On/Off

Long press the [UP] button to display the interface as shown on the right, and ◑≡ the icon appears, indicating that the lights have been turned on. Long press the [UP] button again to turn off the lights.
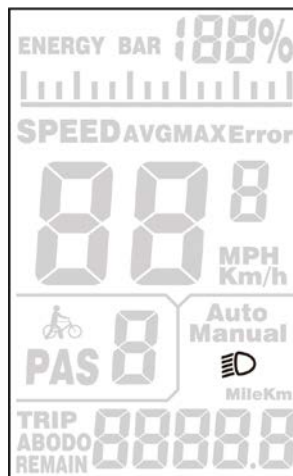
Headlight on Interface

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5.7 Battery Indicator
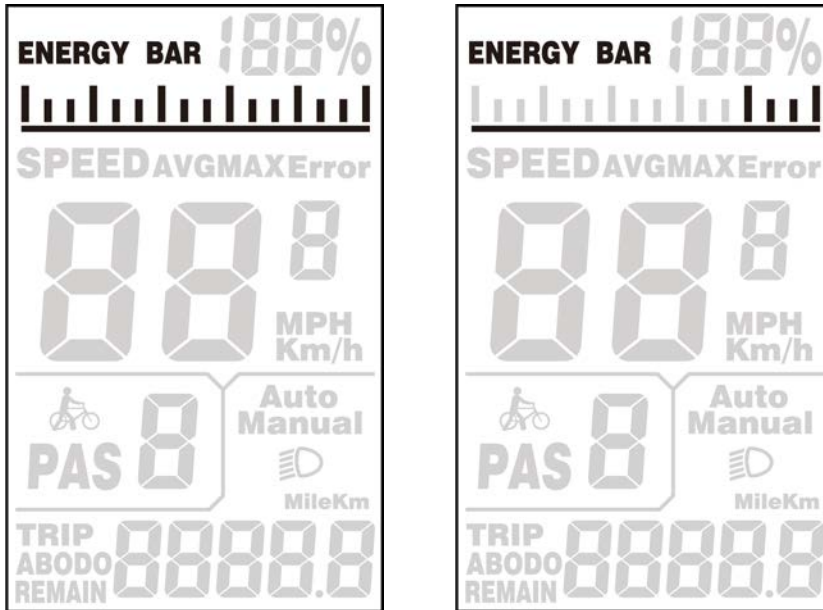
When the battery level is displayed as shown on the right, it means that the battery is under voltage, please charge it in time!

6. User Settings

In the power-on state, long press the [UP] button and [DOWN] button for 2 seconds to enter the setting interface.

6.1 Metric and imperial settings

Enter the setting state, ST¹ means imperial system selection, short press the [UP]/[DOWN] button to switch between metric units (Km) and imperial units (Mph). Short press [MODE] button to confirm the setting, and then enter the ST² setting interface.

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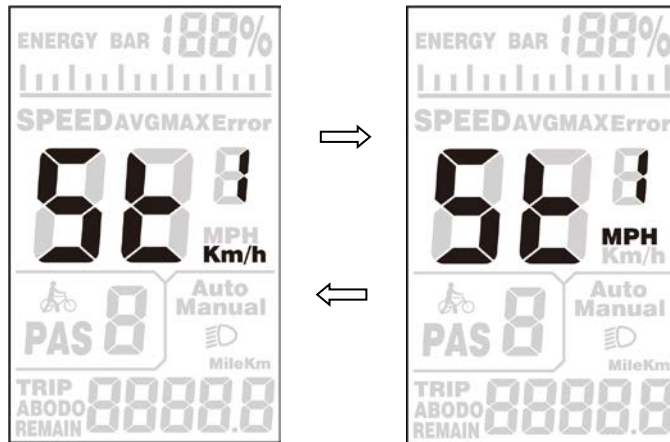
6.2 Maximum speed limit setting

Short press【UP】/【DOWN】button to set the maximum speed limit, the setting range is 20-40 Km/h. Short press [MODE] to confirm and enter the wheel diameter setting interface. The default maximum speed of the meter is 25Km/h.

The maximum speed limit can be customized according to customer requirements

6.3 Wheel Size Setting

Short press [UP]/[DOWN] button to select the wheel diameter corresponding to the bike wheel to ensure the accuracy of the speed display and distance display. The settable values are: 16, 18, 20, 22, 24, 26, 28, 700C, 28. The factory default wheel diameter value is 28inch. Short press【MODE】button to confirm and enter the driving speed display.

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6.4 Exit settings

In the setting state, long press 【MODE】button(more than 2 seconds) to confirm to save the current setting and exit the current setting state. Long press [DOWN] button(more than 2 seconds) to cancel the current operation and exit the setting without saving the current setting data.

If no operation is performed within one minute, the display will automatically exit the setting state.

7. Error code

When the e-bike electronic control system fails, the display will automatically display ERROR code. For the definition of the detailed error code, see Appendix 1.

Error Interface

Only when the fault is eliminated, the fault display interface be exited, and the e-bike cannot continue to drive after a fault occurs.

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Table 1: Error code definition

Error Code	Definition
21	Current Abnormal
22	Throttle Abnormal
23	Motor phase loss
24	Motor Hall signal is abnormal
25	Abnormal brake power sensor
30	BMS/Controller/Abnormal display communication

8. FAQ

Q: Why can't turn on the display?
A: Please check whether the battery is turned on or the leakage lead wire is broken

Q: How to deal with the error code display?
A: Contact the e-bike maintenance station in time.

9. Quality Assurance and Warranty Scope

I, Warranty Information:
1, King-Meter will be responsible for all faults arising during normal operation that are caused by a quality defect.
2, The warranty time is 24 months from the day the display leaves the factory.
II, The following are not covered by warranty:
1, Shell opened.
2, Connector damaged.
3, After display out of factory, the shell is scratched or damaged.
4, Lead wire of display scratch or break.
5, The fault or damage is caused by the force majeure (such as fire, earthquake, etc.) or natural disasters (such as lighting, flooding, etc.)
6, Product exceeded warranty period.

10. Version Changes

The instruction manual of this display is the operation manual of the general software version (version 1.0) of Tianjin King-Meter Technology Co., Ltd. The version of the display software used on some vehicles may be slightly different from this manual, and the actual version used shall prevail.

*K*ING-METER