



User manual

Colour 'Find My' LCD for E-Bike



Product number: BT13210

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1. APPEARANCE AND SIZE

Model: DM07



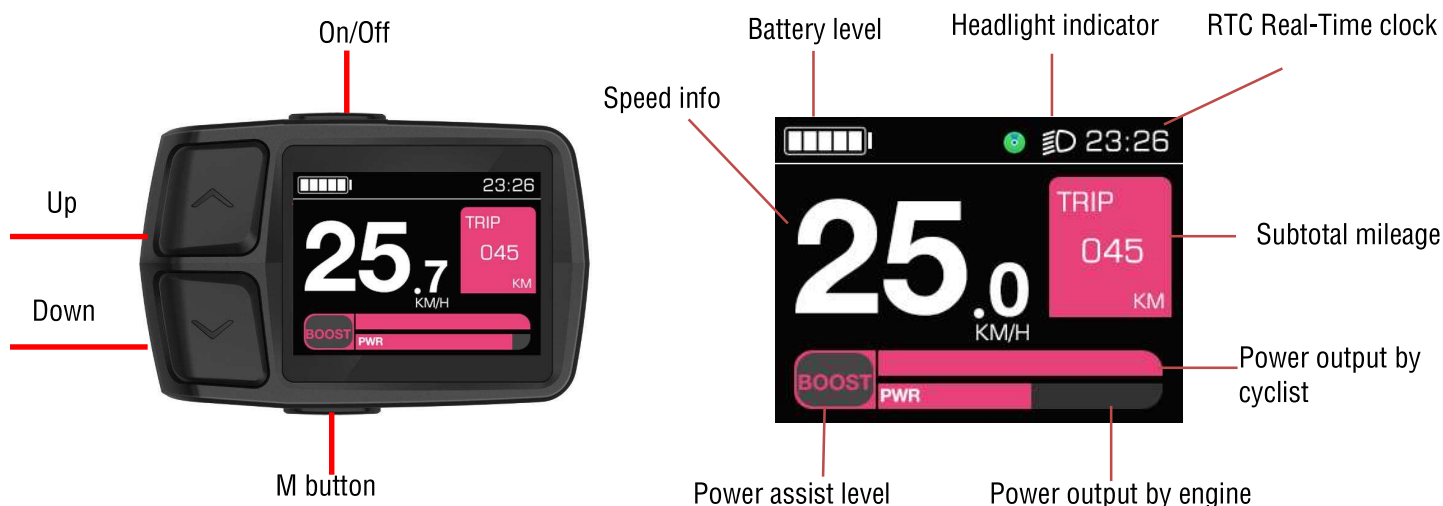
2. SPECIFICATIONS

- Power supply: DC 24V/36V/48V
- Rated current: 23 mA
- Shutdown leakage current: <1uA
- Screen specification: 2.0inch IPS LCD display; resolution 320*240
- Operating temperature: -10°C to ~ 60°C
- Storage temperature: -20°C to ~ 70°C
- Waterproof level: IP65

3. MOUNTING

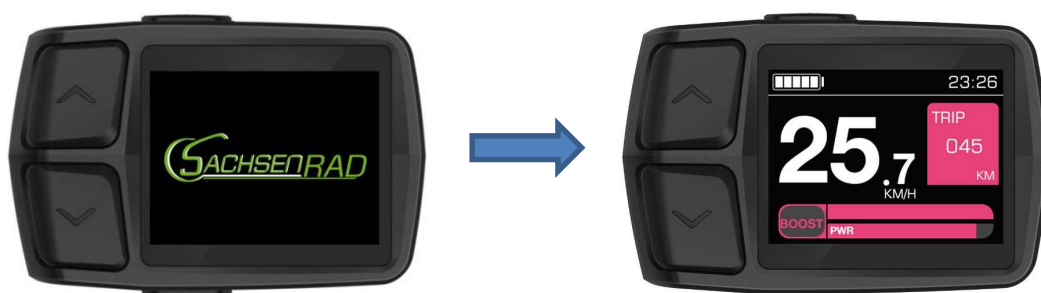
- 1) Open the locking clip of the LCD and attach it to the left handlebar. Adjust it to a position that is easy to operate, use an M3 hexagon socket to fasten it and tighten the fastening screw
- 2) Plug the 5-pin connector of the LCD into the docking connector of the controller.

4. FUNCTION LAYOUT



5. USER INTERFACE

5.1 Power-on interface and basic interface



After switching on, the logo interface will be displayed for 3 seconds. After the instrument establishes communication and acquires information normally, it will enter the normal riding display interface.

5.2 Function interface

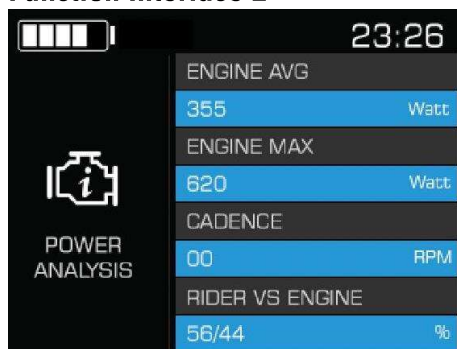
In the basic interface, change the display of each function interface by briefly pressing the M button. If no button is pressed under any function interface within 5 seconds, the device returns to the basic interface.

Function Interface 1



It mainly displays speed and mileage information, including single mileage, accumulated mileage, average speed and maximum speed. The single mileage information TRIP is the same as the main interface.

Function Interface 2



The power analysis area mainly displays power statistics, average power, maximum power, pedaling frequency (cadence) and the percentage of motor output.

Function Interface 3



It mainly displays the statistics of the utilization time in the various booster modes. The LCD display calculates these statistics based on the current driving status and displays them as percentage values.

Implementing the booster interface



Press and hold the button  to enter push assist mode

Clear trip Interface



Press and hold the M button and select 'YES' to clear the trip data.

Fault code display interface



When the device receives the fault information returned by the controller, it will display the fault code interface on the device page, prompting the user with relevant electrical system fault information. (The fault code is displayed numerically in the speed value area.)

5.3 Setting interface

1. Within 10s after switching on the device, press and hold **M** to enter the setting interface. After that, shortly press the buttons **^** and **v** to switch the setting interface up or down and confirm it by pressing **M** again, after you've adjusted your settings.



2. Shortly press the **M** button to enter the selected menu:

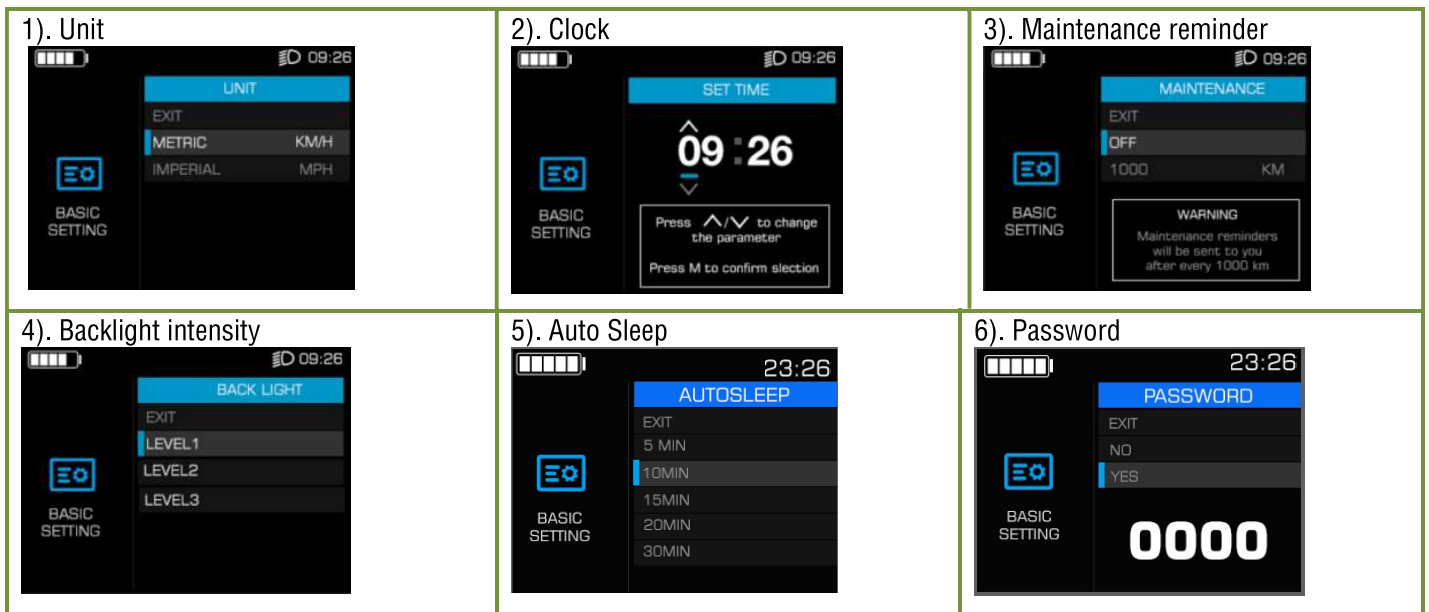


3. Press **^** or **v** to select the parameter. Then shortly press the **M** button to confirm this parameter:



4. Press and hold the **M** button to save your settings and return to the previous menu.

5. Parameter setting description:



5.4 Assisted Gear Shift



When switched on, briefly press the buttons $\wedge$ or $\vee$ to activate the power-assisting gear and change the power-assisting mode.

5.5 Headlights Control

By pressing and holding the button $\wedge$, you can manually switch on the lighting. The light icon  then will be displayed in the upper left corner of the device interface, indicating that the light is switched on. The screen brightness will be reduced to the set value when the lights are switched on.

6. 'FIND MY' FUNCTION

6.1 Enabling 'Find My' on your LCD

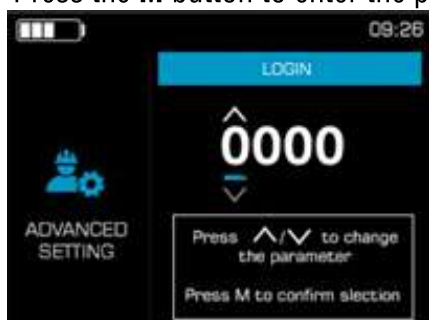
1. Press and hold  to switch on the LCD. Within 10 seconds, press and hold the **M** button to enter the **setting interface**:



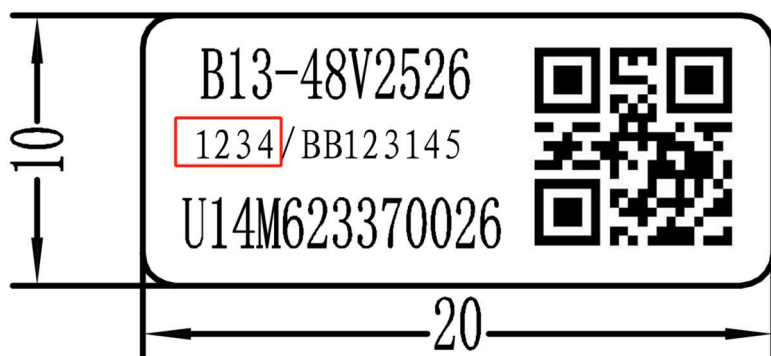
2. Press $\wedge/\vee$ to select the menu '**ADVANCED SET**':



3. Press the **M** button to enter the password menu:



4. Use the first four digits of the second line (of the barcode on the back of the LCD) as a password.

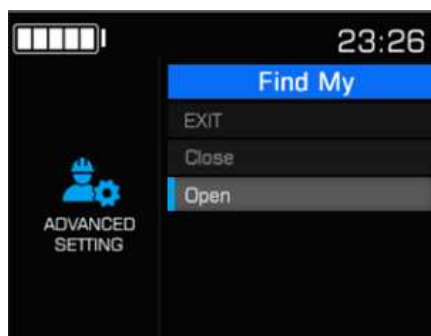


Note: The password is different for each LCD. If you forget or lose your password, please contact us.

5. Press $\wedge/\vee$ to select each digit. After having selected each digit, press **M** to confirm:



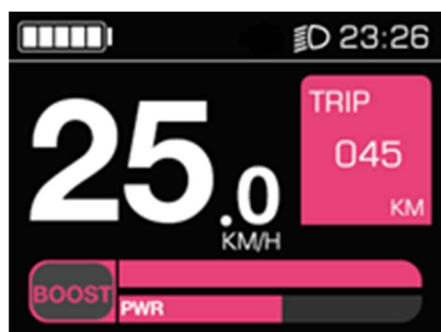
6. After you have finished entering your 4-digit password, press **M** to enter the menu 'Find My'. Press **^**/**✓** to select 'Open' and confirm it by pressing **M** again.



You've successfully enabled the 'Find My' function on your LCD.

6.2 Connecting your LCD to your iPhone

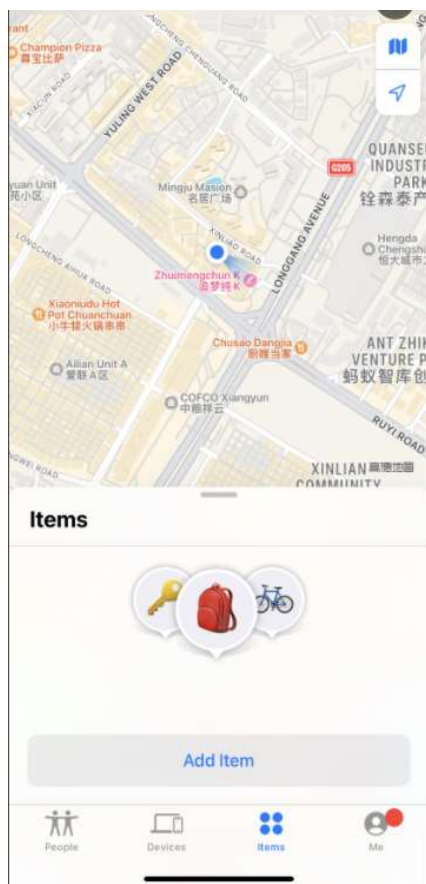
1. Press and hold  to switch on the LCD:



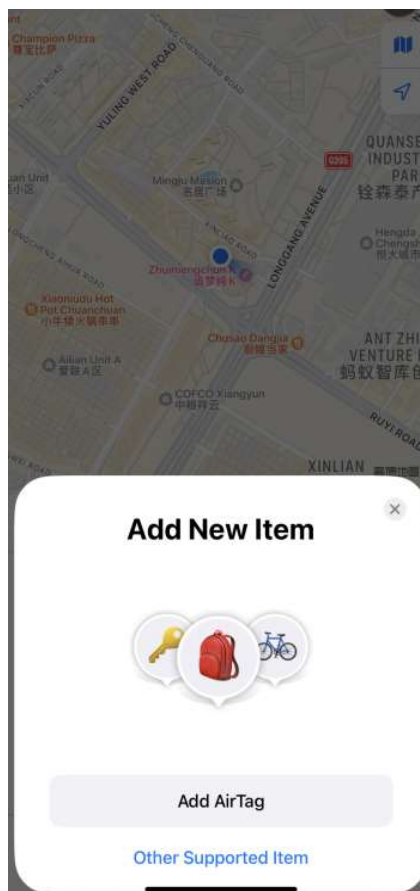
2. Click the "FindMy" symbol on your iPhone:



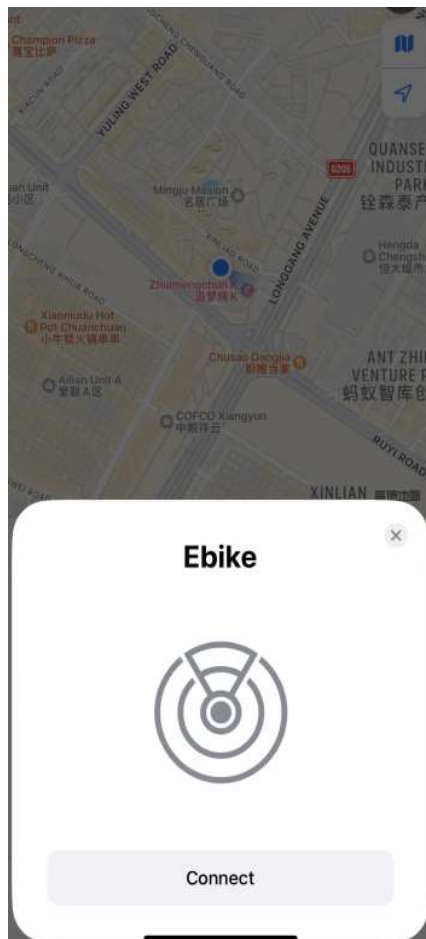
3. Select the 'Items' tab, click 'Add Item':



4. Click 'Other supported item':



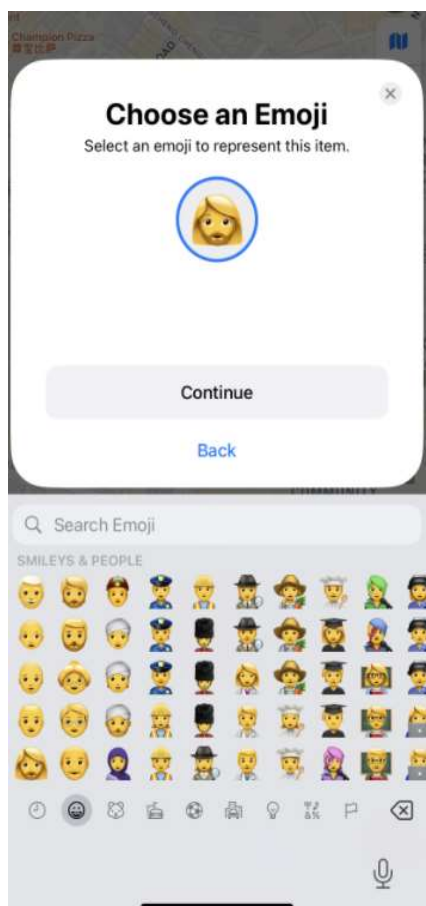
5. Click 'Connect':



6. Enter a name for your item:



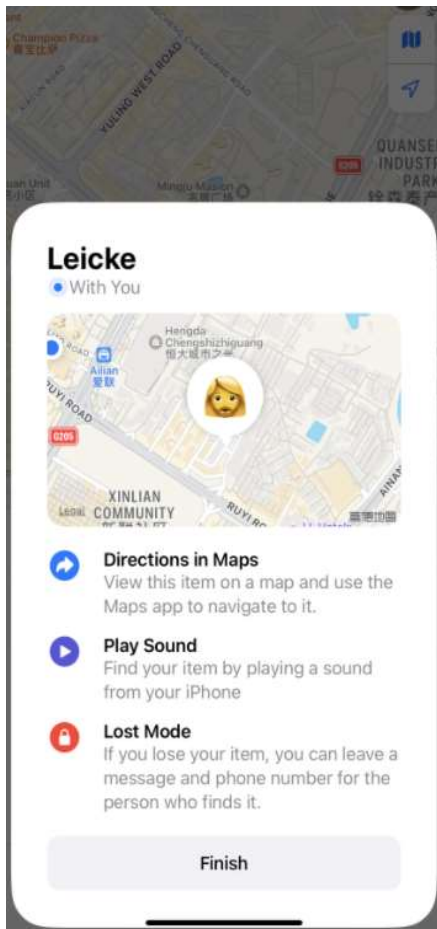
7. Choose an Emoji:



8. Click 'Agree':



9. 'Find My' is now displayed. Click 'Finish'



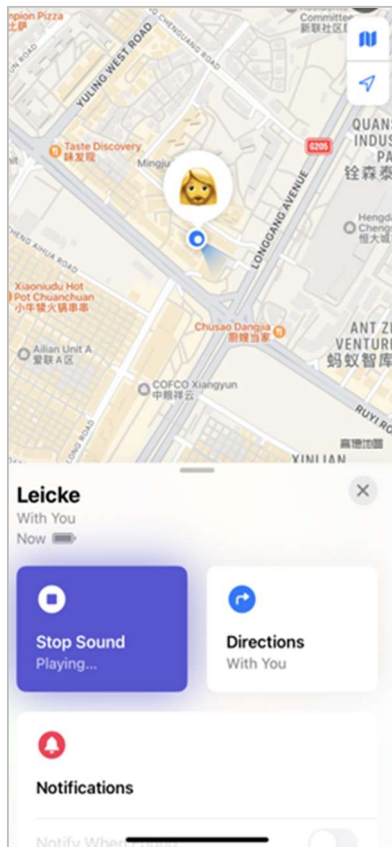
10. The 'Find My' icon is now also displayed on your LCD screen:



6.3 Finding your LCD with 'FindMy'

When it's nearby:

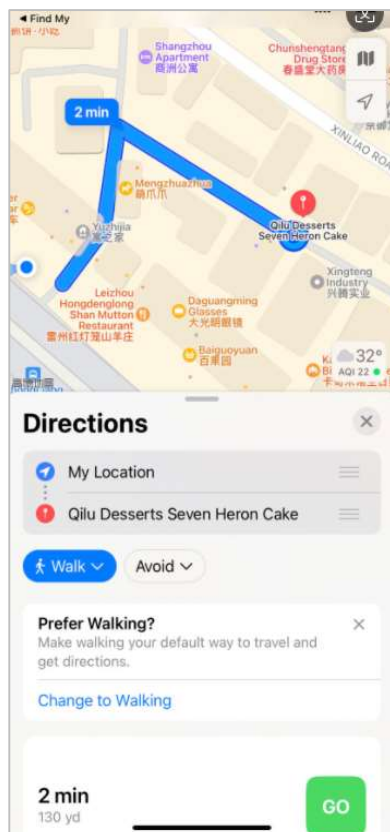
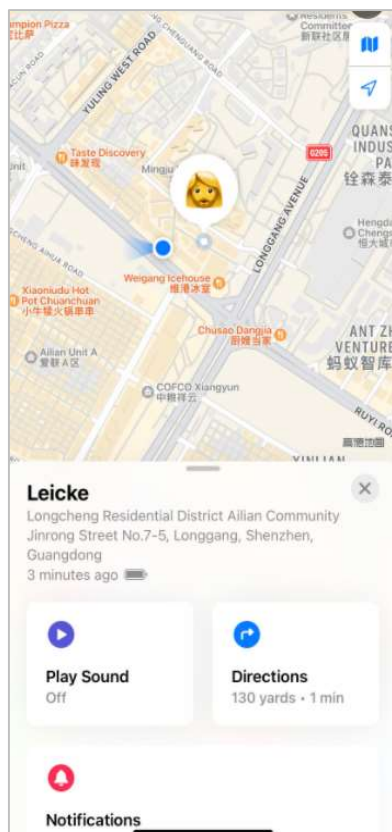
1. Open the 'Find My' app and select the "Items" tab.
2. Find your LCD on the items list.
3. Tap "Play Sound" to switch on your LCD and make the front light flash.
(The rear light also flashes, if it is correctly installed)
4. Tap "Stop Sound" to switch off the flashing lights.



Note: Your LCD and your e-bike do not emit any sound.

Last known location:

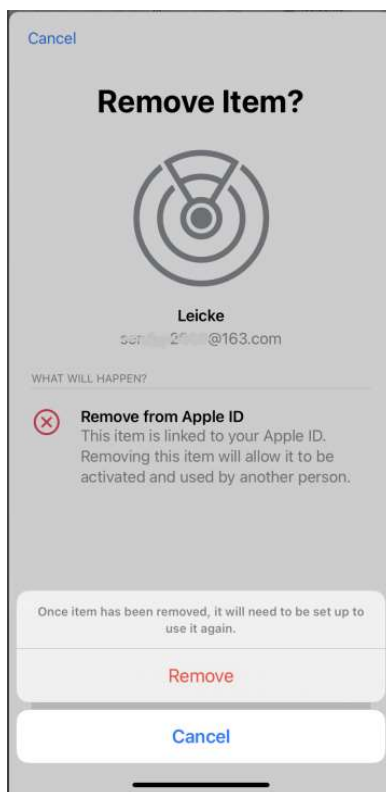
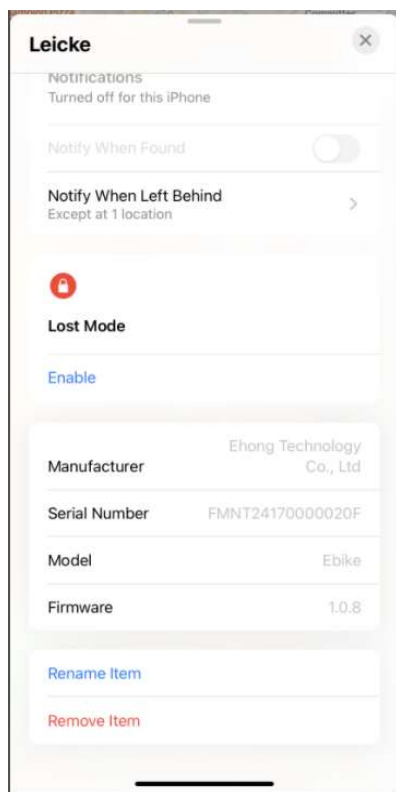
1. Open the 'Find My' app and select the "Items" tab.
2. Find your LCD on the items list.
3. Your LCD's last known location will appear on the map.
4. To navigate to that last known location, tap 'Directions' and it opens the Apple Maps application.



6.4 Disconnecting via your iPhone

Note: Your LCD is switched on

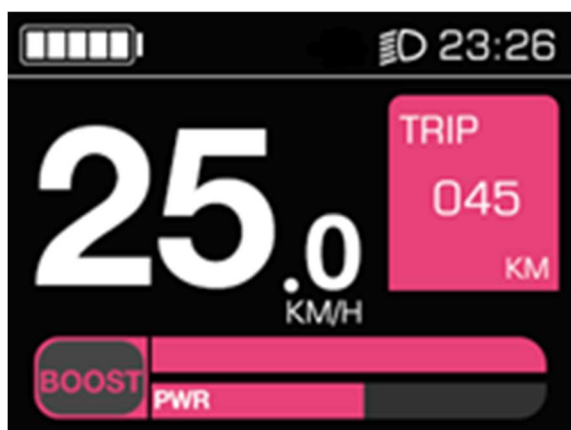
1. Open the 'Find My' app and select the "Items" tab.
2. Find your LCD on the items list.
3. Please ensure that the "Lost Mode" is disabled.
4. Scroll to the bottom of the screen and tap "Remove Item".
5. A summary will open, then tap "Remove" to confirm.



After disconnecting the LCD from your iPhone, the 'Find My' icon will also disappear from your LCD screen.

6.5 Disconnecting via your LCD

1. Switch on the LCD screen. Then press and hold the 'M' and '^' buttons simultaneously to remove 'Find My' from the LCD.
2. After successful removal, the 'Find My' icon will disappear from your LCD screen



Note: If you need to return or exchange your LCD, do not forget to remove 'Find My' from the LCD. Otherwise, we do not provide after-sales service.

7. BATTERY INDICATOR

The battery performance information is divided into a bar display and a display of the remaining percentage. If the performance is normal, the capacity is divided into 5 bars. Before communication is established between the display and the battery, the battery percentage is not displayed and the energy bar is full and flashes.

The connection should not take longer than 3 seconds. If the battery capacity is less than 5%, the battery level is displayed at level 0 and flashes, the engine does not provide any power and the switch for the assisted mode is deactivated. The assisted mode is displayed as OFF or 0. To exit undervoltage mode, reset the device and increase the voltage above the undervoltage value and the battery capacity above 5% by charging the battery.

Percentage of battery power and the power levels:

Percentage of battery margin	Battery bar	Level
$80\% \leq \text{SOC}$		Full battery, level 5
$60\% \leq \text{SOC} < 80\%$		Level 4
$40\% \leq \text{SOC} < 60\%$		Level 3
$20\% \leq \text{SOC} < 40\%$		Level 2
$10\% \leq \text{SOC} < 20\%$		Level 1
$0\% \leq \text{SOC} < 10\%$		Level 0; the battery symbol flashes

8. DECLARATION OF CONFORMITY

The manufacturer declares that the products mentioned above are in conformity with all relevant declarations of the Machinery Directive -2006/42/EC, RED 2014/53/EU, Product Safety 2001/95/EC, RoHS 2011/65/EC 2015/863 and are compliant with the Electromagnetic Compatibility 2014/30/EU.



9. DISPOSAL

Our obligation to provide information according to the Battery Act
In connection with the distribution of batteries or the delivery of devices that contain batteries/accumulators/light bulbs, we are obliged to inform you of the following:

Do not dispose of your old device in household waste!

You are legally obligated to return used batteries/accumulators/light bulbs as an end user. In the case of a removable battery/accumulator or a light bulb, you must separately return them to the appropriate return system. You can return old devices/accumulators/light bulbs to the collection points of public waste disposal authorities (recycling centers) as well as to distributors within the meaning of the Battery Act (retail).

Additionally, you can return such old devices/accumulators/light bulbs, for which LEICKE has similar devices in its range, to our shipping warehouse:

LEICKE GmbH
Attn: Old devices/Accumulators/Light bulbs
Stöhrerstraße 17
04347 Leipzig



You are also responsible for completely deleting any possible personal data on old devices.
The symbols depicted on the batteries have the following meanings:

The symbol of the crossed-out waste bin indicates that the battery must not be disposed of in household waste.

Pb = Battery contains more than 0.004 percent by weight of lead

Cd = Battery contains more than 0.002 percent by weight of cadmium

Hg = Battery contains more than 0.0005 percent by weight of mercury.

Please observe the above instructions.

10. COMPANY INFORMATION

We have made every effort to ensure that the information in this manual is correct, although product function parameters are subject to change without notice.

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