Wild Goose

User Manual
Wild Goose Specification

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About the User Manual

Dear users,

To ensure better performance of your e-bicycle, please read through the Wild Goose product introduction carefully before using it. We will use the most concise words to inform you of all the details (including hardware installation, setting and normal use of the display) when using our display. Meanwhile, the introduction will also help you solve possible confusion and malfunction.

Outlook and Size

Material and Color

Wild Goose products are made of black PC material. Under the temperature of -20°C to 60°C, the shell material can ensure normal usage and good mechanical performance of the products.

Real product and dimension figure (unit: mm)
**Function Summary & Button Definition**

**Function Summary**

Wild goose provides a wide range of functions and indicators to fit the users’ needs. The indicated contents are as follow:

- ODO Display;
- Riding Distance Display;
- Riding Time Display;
- Max Speed Display;
- 6KM/H Display;
- Backlight Open;
- Assist Level;
- Battery Indicator;
- Error Code Display;
- Wheel Diameter Setting;
- KMH, MPH Switching;
- Max Speed Limit Setting;
**Full Viewing Area**

- Power
- 88.8 KM/H
- Assist

**Normal Viewing Area**

- Power
- 29.3 KM/H
- Assist
**Button Definition**

Wild Goose has four buttons. They are ON/OFF, SET, UP and DOWN.

![Button Diagram]

**Installation Instruction**

Fix display in the handlebar, adjust to the appropriate perspective; install the button in the easy manipulation of the position. With the e-bicycle power is off the corresponding connector of display plug in the controller connector. The attention for installing button is from right to left on the handlebar; avoid overstretching snap triggered damage in the Installation.

![Installation Diagram]
Normal Operation

ON/OFF

Press ON/OFF and start the display, The display will provide power supply for the controller.

With display on, more than 3 seconds press ON/OFF to turn off power supply of the e-bicycle. With the display off, the display and controller no longer consume battery power. The leakage current is no more than 2µA.

※ If more than 5 minutes without use of the e-bicycle, the display will automatically shut down.

Display Interface

Press SET to switch the displaying information. The order is: ODO →Riding Distance →Riding Time →Max Speed.

![Display Interface Diagram]

ODO Display

Riding Distance Display

Max Speed Display

Riding Time Display
Push Cruise Control

Hold UP for 2 seconds and enter into the mode of power assist walk. The e-bicycle will go on at a uniform speed of 6km/h. It shows “6KM” on the screen.

Turn on/off Backlight

With the display on, press ON/OFF and turn on the backlight. Meanwhile, the controller will turn on the headlight. When the surrounding light is not enough or it is in the evening, you can turn on the backlight. And press ON/OFF again, turn off the backlight.

PAS Level Selection

Press UP or DOWN, switch the e-bicycle Assist Level to change output power of the motor. The power ranges from 0~6 levels. The default value is level 1.
**Battery Indicator**

When the battery capacity is high, the six battery segments are all light. When the battery is in low voltage, the outside edge of the battery frame will flash at 1 Hz. It indicates that the battery is severely low in voltage condition and needs to be recharged immediately.

![Low Voltage Flash](image)

**Error Code Display**

If there is something wrong with the electronic control system, the display will show the error code automatically. See Table 1 for detailed error code information.

※ Display return to normal only after problem being fixed and bike will not run before fixing the problem.
User Setting

Preparation before Starting

Make sure the connector is linked properly to the motor controller on the bike and the power is on.

General Setting

1. Distance and Riding Time Clearing

   ★ Hold UP and DOWN for 12 seconds to clear Total Distance, Riding Distance, Riding time and Max Speed.

   ★ Hold DOWN for 3 seconds to clear Riding Distance and Riding time and Max Speed.

2. Wheel Size Setting

   ★ Hold SET for 10 seconds and enter into wheel diameter setting.

   Selectable values include: 16, 20, 24, 26, 700C, 28.

   Press UP or DOWN to select the suitable value, to ensure the accuracy of display about speed and mileage. Default diameter value is 700C.
※ Press UP or DOWN to choose the wheel diameter setting, press SET to exit the setting.

3. Speed-limit Setting

Change Max Speed could set the limit riding speed. When speed over this value, controller will cut off the power which supply to motor, to protect the safety of rider. Max Speed default value is 25km/h.

★ Hold UP/DOWN/SET for 1 seconds and enter into the speed-limit setting interface:

![Speed-limit Setting Interface](image)

★ Press UP or DOWN to enter into speed-limit value selection. Reference speed limit values 20～40KM/H.

4. KM/H, MPH Setting

Press DOWN/SET/UP for 5 seconds to switch KM/H and MPH selection. (Default is KM/H)

![KM/H, MPH Setting](image)
※ Press SET to exit the above setting interface.

**FAQ**

Q: Why the display is not able to start up?
A: Checking the connector that between display and controller.

Q: How to deal with the error code?
A: Fix it to the maintenance place immediately

**Quality assurance and Warranty scope**

**Warranty:**

1. Any quality problems in normal case and in guarantee period, our company will responsible for the warranty.

2. The warranty time is 18 months from date of purchasing.

**Other items:**

The following items are not belong to warranty scope

1. It can not be demolished.

2. The damage caused by wrong installation or operation.

3. Shell is broken when display is out of the factory.

4. Shell is broken when display is out of the factory.

5. Force majored (such as fire, earthquake, etc.) or natural disasters like lightning, etc caused by fault
or damage.


**Error code definition**

<table>
<thead>
<tr>
<th>Error code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>OK</td>
</tr>
<tr>
<td>1</td>
<td>Current Abnormality</td>
</tr>
<tr>
<td>2</td>
<td>Throttle Abnormality</td>
</tr>
<tr>
<td>3</td>
<td>Motor Abnormality</td>
</tr>
<tr>
<td>4</td>
<td>Motor Hall Signal Abnormality</td>
</tr>
<tr>
<td>5</td>
<td>Brake Abnormality</td>
</tr>
<tr>
<td>6</td>
<td>Low voltage</td>
</tr>
<tr>
<td>7</td>
<td>Motor stop</td>
</tr>
<tr>
<td>8</td>
<td>Controller Communication Abnormality</td>
</tr>
<tr>
<td>9</td>
<td>Panel Communication Abnormality</td>
</tr>
</tbody>
</table>

*Table 1*