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■ **Product Description and Specifications**

- **DTK3 Button**
- **BC281 Display**

### Parts Description

**Display Dimensions**

- **Width:** 59.00 mm
- **Height:** 86.00 mm
- **Diagonal:** 91.20 mm

- **Height:** 55.00 mm
- **Width:** 28.00 mm
- **Depth:** 13.60 mm

- **Height:** 31.8 mm
- **Width:** 25.4 mm
- **Depth:** 22.2 mm

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**Function introduction**

**Features**

BC281 provides the display function of common riding data and statistical results, as well as some practical functions:
- Real-time speed, Max speed, Average speed
- Real time motor power
- Battery indicator
- Assistant level
- Odometer, trip
- Trip time
- Calorie consumption
- Light indicator
- Metric(km/h)/Imperial(mph) switching
- Error code indicator
- Auto headlights, Brightness adjustment, automatic backlight
- Auto Power-off
- USB Port (5V/500mA)

In addition, the Bluetooth version also supports the following functions:
- APP connection
- Data synchronization
- Cycling ranking
- Cycling track record

**Buttons Functions**
### Buttons

<table>
<thead>
<tr>
<th>Buttons</th>
<th>Name</th>
<th>Functions</th>
</tr>
</thead>
</table>
| ⚡️      | [Power] | 1、Power on/off  
2、Setting confirmation |
| 🌟      | [+]    | 1、Parameter adjustment  
2、Menu operation |
| ⏹️      | [-]    | 1、Parameter adjustment  
2、Pedestrian mode on/off  
3、Menu operation |

## Operation

### Power on/off

In the off state, long press the [Power] button to enter the boot logo interface, and enter the riding interface after 1.5s:

In any interface of startup, long press the [Power] button to enter the shutdown logo interface, and shut down after 2s:

### Cycling interface

BC281 provides various styles of riding interface, you can switch the display by clicking the [Power] button:
1. **Simple mode**

   - Battery indicator
   - Light indicator
   - Real-time speed
   - Speed Unit
   - Real-time motor
   - Trip
   - Assist
   - Trip Dist.
   - 0.0 KM

2. **Sports Mode**

   - Battery indicator
   - Real-time speed
   - Speed Unit
   - Real-time motor power
   - Trip
   - Assist
   - Trip Dist.
   - 0.0 KM
   - Cycling time
   - 00:00:00
   - Calorie burnt
   - 000 KCAL

3. **Statistical Mode**

   - Battery indicator
   - Trip time
   - Average Speed
   - Max speed
   - Calorie burnt
   - Odometer
   - Real-time Speed Unit
   - Assist
   - Trip Dist.
   - 0.0 KM
   - Avg. Speed
   - 0.0 KM/H
   - Max. Speed
   - 0.0 KM/H
   - Cal. Burnt
   - 0 KCAL
   - Total Dist.
   - 0 KM
• **Assist level switch**

  Click 
  
  Press and hold the [-] button to activate the boost mode, and release the [-] button to exit the pedestrian mode.

• **Error Code**

![Error Code Image]

**Common error codes (error codes are related to other accessories of the ebike, the following information is for reference only):**

<table>
<thead>
<tr>
<th>Protocol Error Code</th>
<th>Error Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>Throttle pull not back</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>Throttle Error</td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>High-voltage protection</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>Motor Hall Error</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>Motor Phase Error</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Controller temperature protection</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Motor temperature protection</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Current sensor Error</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Battery temperature protection</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Motor temperature sensor Error</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Speed sensor Error</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>BMS communication Error</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Light Error</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Light sensor Error</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Torque sensor signal Error</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Torque sensor speed Error</td>
<td></td>
</tr>
</tbody>
</table>

• **User Menu**
In the static state, long press the [+]- combination button for 2s on the cycling interface to enter the user menu interface.

To ensure user safety, the user menu can only be accessed when the ebike is stationary (speed 0). In this interface, you can switch the submenu by clicking the [+]/[-], and click the [Power] to enter the selected submenu interface.

1. Clear Data

(1) Clear Trip Data
Select "Trip Distance", click the [Power] button, select Yes according to the interface prompts and click the [Power] button again to confirm, you can clear the single mileage:
[Note] Clearing Trip Dist will also clear the Trip time, average speed, max speed, and calories burnt.

2、Setup

(1) Auto Headlight
Select Auto Headlight submenu and click the [Power] button to enter, you can set whether to enable the automatic headlight function:
(2) Set Unit
Select Set Unit and click the [Power] button to enter, you can select the speed unit:

![Set Unit Screen]

Metric - Km
Imperial - Mile

(3) Set Brightness
Select Set Brightness and click the [Power] button to enter, you can use the [+]/[-] to adjust the backlight brightness level, the adjustment range is 0-5:

![Set Brightness Screen]
(4) Set Auto Power-Off
Select Auto Power-Off and click the [Power] button to enter. You can use the [+]/[-] to adjust the automatic power off time. The adjustment range is 0-99, unit: minutes. When set to 0, it means to cancel the automatic power off:

3、Check System Info.

Enter System Info, to view system information:
● **Advanced Settings**

Long press [Power] button for 6 seconds to enter the interface and then input the password 1919 to the functions setting.

Enter Controller Parameters to set Wheel diameter/Voltage/ Speed Limit via adjusting 【+】/【-】 button and press [Power] to enter the function.

1. **Wheel diameter**
   Choose the wheel diameter as your need from range 16/18/20/22/24/26/27.5/28 and press [Power] to save the function.

2. **Voltage**
   Choose 36V/48V/52V as your need and press [Power] to save the function.
3. Speed limit
Set the speed limit as your need and press [Power] to save the function.

![Image of speed limit settings]

4. Other function settings, same way to above. All done, press [Power] 1 seconds to shut off and restart.

- **Connect to APP (only for Bluetooth version)**
  1. **Scan the following QR code to download the APP:** or search keywords “EUNORAU/EUNORAU GO/EUNORAU EBIKE” in your APP STORE or GOOGLE PLAY.

![QR code image]

  2. **Select Connect to APP in the user menu, get the Bluetooth connection QR code, and scan it with the APP to pair:**
EUNORAU App Using Manual

1. After connecting by Bluetooth, choose the model you need to pair.

2. Enter this page, you can see the Bluetooth status. Also some function settings and the riding data show here.
   A. You can set some function, e.g. Headlights off/on, Unit Switch and Gear adjustment.
   B. In the further setting, you can set Ebike Nickname/Screen Brightness/Auto Power/Speed Limit/Wheel Diameter/Unlock Code/Unpair/Lock Function.
C. When click the lock icon “lock on” as below show, you can lock and unlock the display. After Bluetooth is off, you need input the password once power on. The initial password is 0000. You can set your password in the app.

3. Enter Riding Status page
A. Click “Start”, start the riding
B. Click “Pause”, pause the riding. If continue the riding, click “Continue”, otherwise touch “Destroy”, end the riding.
**Attentions**

1. Before plugging and unplugging the display, be sure to turn off the power first, as live plugging and unplugging will cause permanent electrical damage to the display;

2. When installing the display, please ensure that the torque value of the hexagon socket head cap screw is 0.2Nm (maximum does not exceed 0.6Nm). Excessive torque will cause damage to the instrument structure;

3. Do not immerse the display in water;

4. When cleaning the display, use a soft cloth dipped in clean water to wipe the surface, but do not use any cleaning agent or spray liquid on the surface;

5. When cleaning the instrument, use a soft cloth dipped in clean water to wipe the surface, but do not use any cleaning agent or spray liquid on the surface;

6. Please abide by local laws and regulations when scrapping, discard or recycle in an environmentally friendly way, and do not discard the instrument or any accessories as resident waste;

7. The damage and failure of the instrument caused by improper installation or use are not covered by the after-sale warranty.

8. Please contact info@eunorau-ebike.com for inquiries and after-sales services.