Manual

BC281 Model(DTK5)

Version: V1.0

Contents

■ Product Description and Specifications

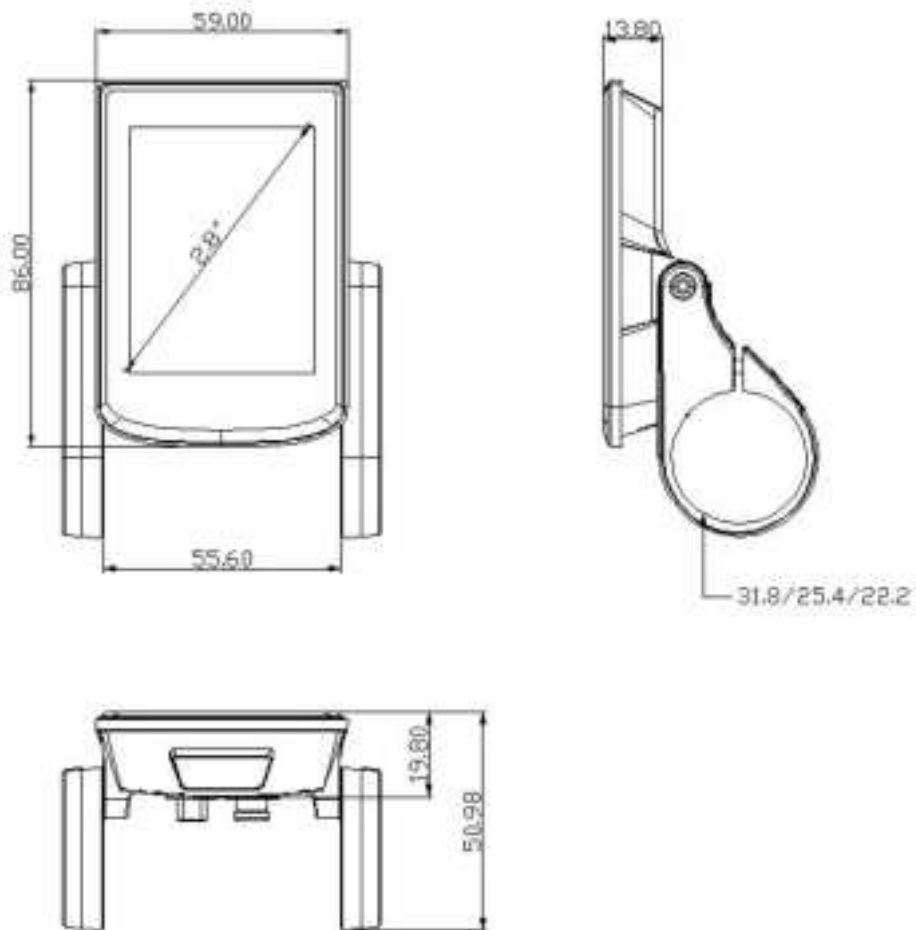
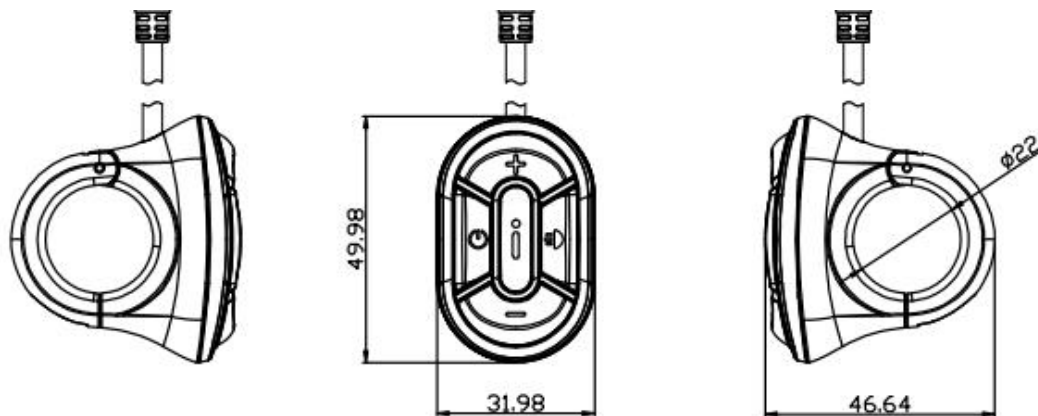DTK5 Remote   BC281 Display

● Parts Description

Display Dimensions

DTK5 Remote Dimensions

■ Function introduction

● Features

BC281 supports the common riding parameters and statistical results, as well as some useful functions:

◆ Real-time speed, Max speed, Average speed
◆ Real-time motor power
◆ Battery indicator
◆ Assistant level
◆ Odometer, trip
◆ Trip time
◆ Calorie burnt
◆ Light indicator
◆ Metric(km/h)/Imperial(mph) switching
◆ Error codes 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
◆ Riding ranking
◆ Riding track recording

● Buttons Functions

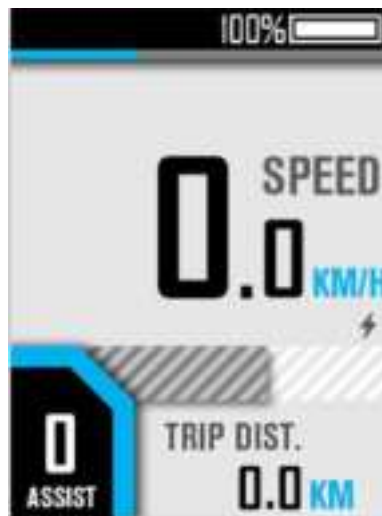| Buttons	Name	Functions
⏻	［⏻］	1、 Power on/off 2、 Setting confirmation
＋	［＋］	1、 Parameter adjustment 2、 Menu operation
―	［―］	1、 Parameter adjustment 2、 Push mode on/off

		3、Menu operation
⁞	[⁞]	
☰D	[☰D]	

■ Operation

● Power on/off

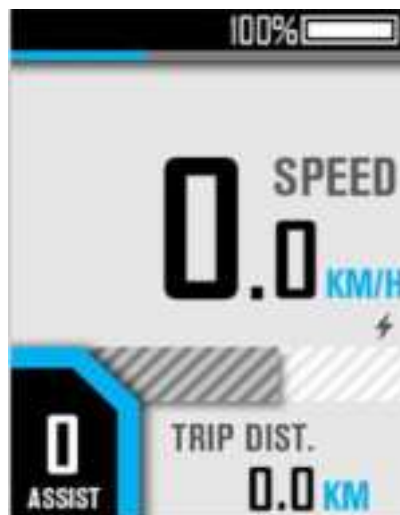Long press the [⏻] button to power on, the boot interface will be shown for about 1.5s, followed by the riding interface:

In any interface, long press the [⏻] button, the shutdown interface will be shown for about 2s before power off:
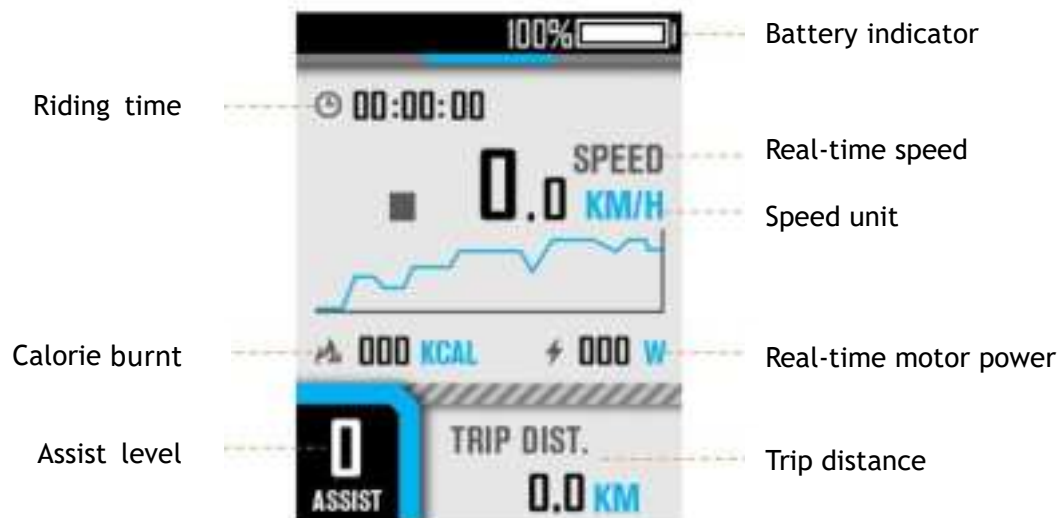

● Riding interface

BC281 provides various styles of riding interface, which can be switched by clicking the [⁞] button:

1. Simple mode

Battery indicator

Light indicator

SPEED — Real-time speed

KM/H — Speed unit

Real-time   motor

Assist level

ASSIST

TRIP DIST. — Trip distance

0.0 KM

2. Sports Mode

100% — Battery indicator

Riding time — 00:00:00

SPEED — Real-time speed

KM/H — Speed unit

Calorie burnt — 000 KCAL   000 W — Real-time motor power

Assist level — ASSIST   TRIP DIST. — Trip distance

0.0 KM

3. Statistical Mode

100% — Battery indicator

OVERALL

Trip distance — TRIP DIST.   TRIP TIME — Trip time
0.0 KM   0000 h 00 m

Average Speed — AVG. SPEED   MAX. SPEED — Max speed
0.0 KM/H   0.0 KM/H

Calorie burnt — CAL. BURNT   TOTAL DIST.
0 KCAL   0 KM — Odometer

Assist level — ASSIST   SPEED — Real-time speed
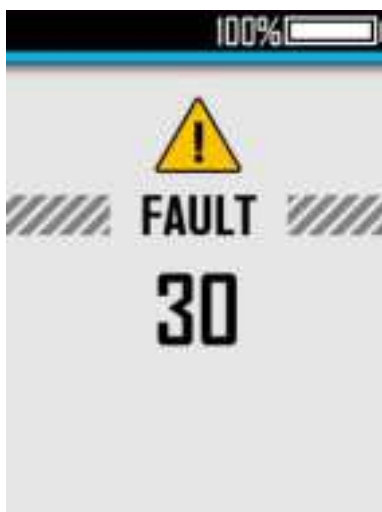0.0 KM/H — Speed unit

● **Assist level switch**

Click [＋] or [－] to switch assist levels;

Press and hold the [－] button to enter the push mode, and release to exit.

● **Error Code**

Common error codes are as follows(Only for reference, depending on other electrical parts of the ebike):

KM5S protocol Error Code

Error Code	Meaning
21	Current or Mos Error
22	Throttle Error
23	Motor Phase Error
24	Motor Hall Error
25	Brake Error
26	Low-voltage protection
30	Communication Error

Li2 protocol Error Code

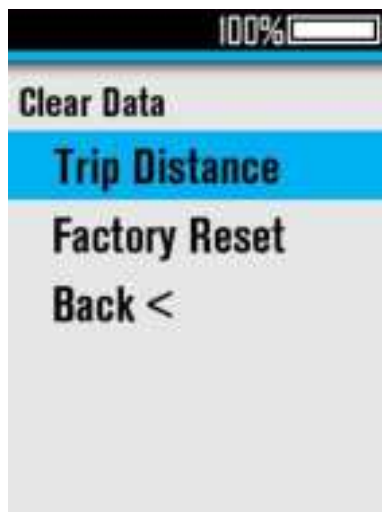| Error Code	Meaning
02	Brake Error
06	Low-voltage protection
07	Motor Phase Error
08	Throttle Error
09	Current or Mos Error
14	Motor Hall Error
30	Communication Error

● **User Menu**

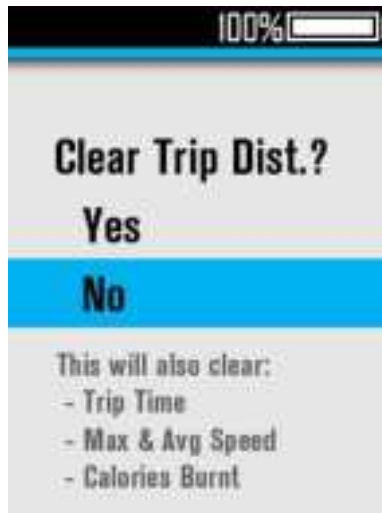To enter the user menu, please long press the [┃] button for 2s on the riding interface when static.

To ensure the user's safety, it can only be accessed when static (when the speed is 0). In this interface, you can switch the submenu by clicking the [➕] or [➖] button, and enter the submenu by clicking the [┃] button
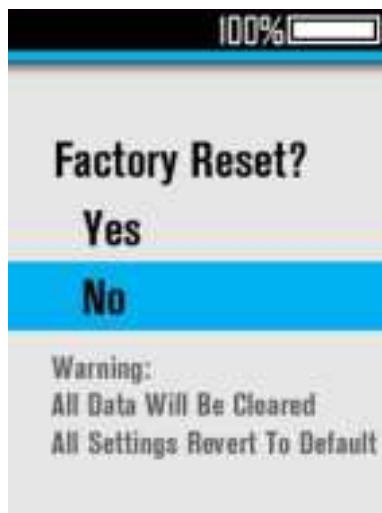
1、 Clear Data

（1）Clear Trip Data
Select "Trip Distance" and click the [┃] button to enter it, you can clear the trip distance or not under the guidance of the interface prompts:

   [Note] The trip time, max speed, average speed, and calories burnt will be also cleared by this operation.

（2）Factory Reset

   Select "Factory Reset" and click the [|] button to enter it, you can reset the parameters:

2、 Setup

（1） Auto Headlight

   Select Auto Headlight and click the [|] button to enter the submenu, you can enable or

disable the automatic headlight function:

（2） Set Unit

Select Set Unit and click the [i] button to enter the submenu, you can select the unit:

（3） Set Brightness

Select Set Brightness and click the [i] button to enter the submenu, you can use the [+] or [-] button to adjust the backlight brightness level in the range of 0-5:

（4） Set Auto Power-Off

Select Auto Power-Off and click the [i] button to enter the submenu. You can use the [+] or [-] button to adjust the automatically power off time in the range of 0-99, where 0 means not to automatically power off:

3、 **System Info.**

Enter System Info, to view system information：