# Digiwise

# BC302 Series Display
# Manual

Please read this manual carefully before using

the product and keep it well.

◆   **Product Appearance**

# ◆ Function Introduction

## Standard functions

- Real-time speed, maximum speed, average speed
- Real-time motor power
- Battery capacity
- Assist level
- Total mileage、Trip mileage
- Trip time
- Calorie consumption
- Light indicator
- Metric(km/h)/Imperial(mph) switching
- Error code
- Auto headlight, Brightness adjustment, auto backlight
- Auto power-off time

## Bluetooth Version (Optional)

- APP connection
- Data sync
- Riding rank
- Riding track recording
- Riding navigation
- Incoming call reminder

## Riding interface



① Bluetooth connection sign

② Headlight status

③ Cruise control

④ Real-time speed

⑤ Speed Unit

⑥ Assist level

⑦ Mileage remaining from current route

⑧ Time remaining from destination

⑨ Riding data

⑩ Mileage remaining from destination

⑪ Abnormal warn

⑫ Time

**Button functions**



①     "M" button

②     "+" button

③     "-" button

4

# ◆ Operation instruction

### Power on
Long press the "Power" button for 2s

### Power off
Long press the "Power" button for 2s

### Turn on/off headlight
Long press the "+" button for 1.5s

### Switch assist level
Short press the "+" button to increase the assist level; short press the "-" button to decrease the assist level;
Press and hold the "-" button to start walk mode, and release the "-" button to exit walk mode

**Switch data display**

In the main interface, short press the "power" button to switch to view different data information；

Switch data display order: Average speed and maximum speed→ Riding time and calories burnt→ Carbon dioxide emission and trees saved→ Trip mileage and total mileage

**Menu operation**

① When speed is 0, long press "+" and "-" combination button for 2s to enter user menu interface;

② After entering the menu interface, short press the "+" or "-" button to select the setting option, then short press the "M" button to confirm the selection and modify the item;

③ Short press "+" or "-" button to adjust the value, when there are too many available value digits, long press "+" or "-" button to have a quick adjustment.

④Short press the "M" button to complete modification and return to menu interface.

⑤Long press "+" and "-" combination button for 2s to exit user menu interface.

## ◆ Menu functions

### Clear Trip

Trip mileage, Trip total time, Maximum speed, Average Speed, Total Calories can be cleared.



### Switch Display Unit

Display unit of speed and mileage can be switched and there is metric and imperial available.

## Backlight Brightness Setting

Screen brightness can be adjusted and adjustment range is 1-5 and Auto. The 5th level is the brightest and the auto will adjust the screen brightness automatically according to the ambient light.
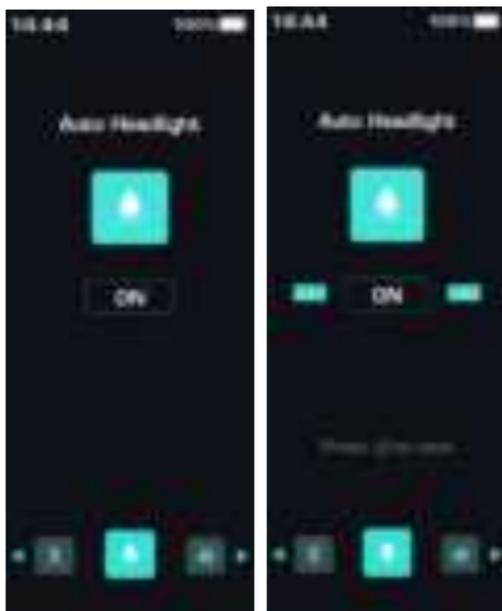
## Auto Power Off time

The automatic power off time of the Display can be set, the setting range is 1-99 and OFF, it will turn off automatic shutdown function when set OFF.

## Auto Headlight

Auto headlight mode can be set. When set ON, it will turn on or turn off headlight automatically according to the ambient light and set OFF will turn off auto headlight function.

## Speed Limit

The maximum speed of the vehicle can be adjusted; For your safety, please do not exceed the speed limit stipulated by local regulations.

## Set time

The display time can be set. Default modified option is Hour after entering the setting. Setting order is hour-minute
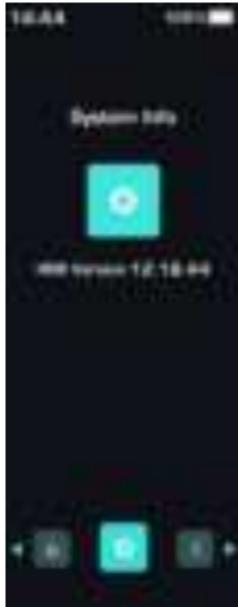
## Set password

Whether or not to enable function of Boot password and password modification can be set.
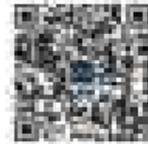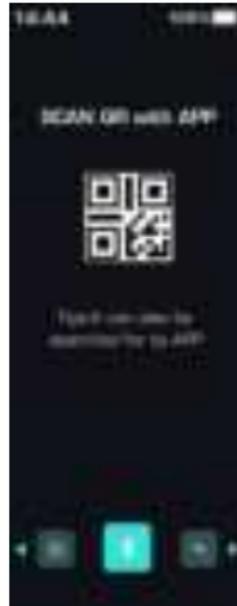
**Review System Information**

Current system information of display can be reviewed.



**Bluetooth Connection Setting\***

It's required to scan QR code below through Bikewise Pro APP for first use vehicle;

## ◆ Common error code

KM5S protocol error code:

| Error code | Meaning |
|------------|---------|
| E21 | Current or MOS Fault |
| E22 | Throttle Fault |
| E23 | Motor Phase Fault |
| E24 | Motor Hall Fault |
| E25 | Brake Fault |
| E26 | Low-Voltage Protection |
| E30 | Communication Fault |

Li2 protocol Error Code:

| Error code | Meaning |
|---|---|
| E02 | Brake Fault |
| E06 | Low-Voltage Protection |
| E07 | Motor Phase Fault |
| E08 | Throttle Fault |
| E09 | Current or MOS Fault |
| E14 | Motor Hall Fault |
| E30 | Communication Fault |

## ◆ Product Specification

| | |
|---|---|
| Product Model | BC302 |
| Button Model | DTK3（optional） |
| Screen Size | 3.0'' Color TFT |
| Screen Resolution | 376*960 px |
| Wireless Transmission Protocol | Bluetooth 5.0(optional) |
| Water Resistance | IP66 |
| Voltage Input | 24V/36V/48V/52V/60V DC |

| | |
|---|---|
| Typical Consumption | 36V power supply Voltage Input<br>Backlight brightness 1. 29mA, total power 1.044W<br>Backlight brightness 2. 33mA, total power 1.188W<br>Backlight brightness 3. 36mA, total power 1.296W<br>Backlight brightness 4. 40mA, total power 1.440W<br>Backlight brightness 5. 44mA, total power 1.584W |
| Operating Temperature | -20~+70 degree centigrade |
| Operating Humidity | 15~95%RH |
| Storage Temperature | -30~+80 degree centigrade |
| Storage Humidity | 30~70%RH |
| Shell Material | PC |

# ⚠ Attentions

1. Please be sure to turn off the power before installing or removing the display, otherwise it may cause permanent damage to the display;

2. When fix the display to the e-bike, please ensure that the torque of the screwdriver is about 0.5Nm (DO NOT EXCEED 0.6Nm), Excessive torque will cause damage to the display structure;

3. Do not immerse the display into water;

4. The display can be wiped with wet and soft cloth, but DO NOT use any chemical liquid or cleaners;

5. Do not use the USB charging function when riding in the rain, and make sure the USB plug is closed.

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

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

8. For more information and support, please contact support@riding-evolved.com.

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