

keyde®

Bluetooth display

BTD260

User Manual

1. Product name

- ✧ HD colorful screen, item no.: BTD260

2. Specifications

- ✧ 2.6-inch HD colorful screen
- ✧ Lithium battery power supply
- ✧ Lithium battery capacity 1000mah
- ✧ Bluetooth 5.2 wireless connection
- ✧ Working temperature: -20~45°C
- ✧ Storage temperature: -30~60°C

3. Overall dimensions and material

- ✧ The produce shell is made of ABS, and the LCD screen is made of tempered glass.



4. Product introduction

- ✧ High-definition screen, the stronger the sun, the clearer the display.
- ✧ Ultra-wide temperature range, the minimum operating temperature is - 20 °C.
- ✧ Touch screen control, comfortable operation.
- ✧ Speed display: including real-time speed, maximum speed and average speed.
- ✧ Km/mile selection: km/mile display can be set according to customer habits.
- ✧ Voltage display: real-time display of battery voltage
- ✧ Five level adjustment of backlight brightness: set the backlight brightness according to the customer's usage habits. Level 1 is the darkest and level 5 is the brightest.
- ✧ Gear control: 0-5 gears, 6 gears in total.
- ✧ Mileage display: it can display the accumulated mileage ODO, single mileage trip and cycling time.
- ✧ Clock display: built-in battery, shutdown time retention.
- ✧ Output power indication: real-time display of output power.
- ✧ Fault prompt with text description.
- ✧ Type-C charging port.
- ✧ Program upgrade: The program can be upgraded through Type-C interface. Please refer to the instruction document for details.

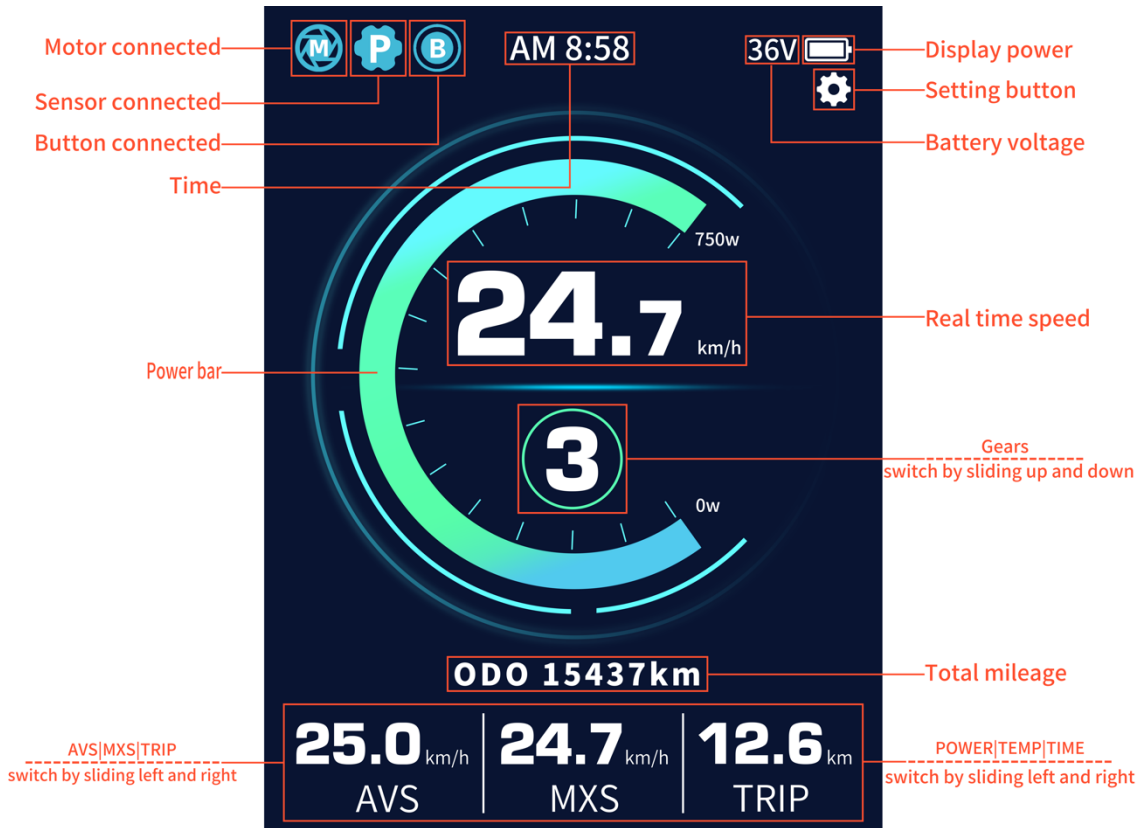
5. Switch on/off instructions



Switch on: touch the lower right corner of the back of the display with your finger, and after about 3 seconds, the screen will show the power on animation, and the display will be switched on.

Switch off: touch the lower right corner of the back of the display with your finger, and about 3 seconds later, the screen will show the shutdown animation, and the display will be switched off.

6. Homepage instruction



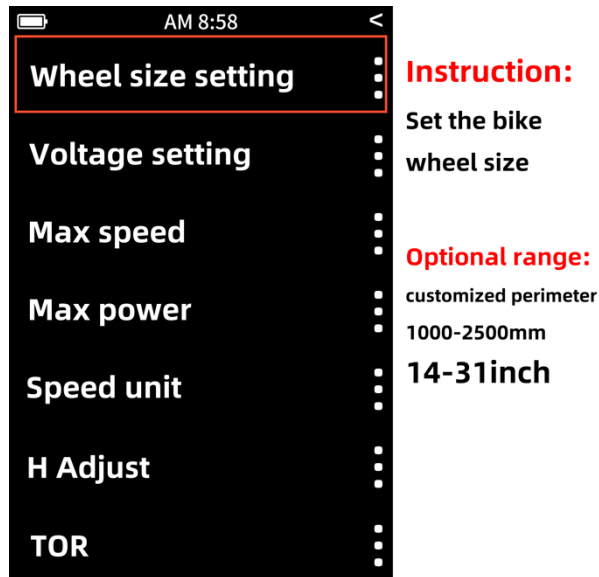
- ✧ **Connection identification:** the connection identification will be lit after the motor, sensor and button are connected
- ✧ **Time display:** display the current time, which can be set in 12-hour system or 24-hour system.
- ✧ **Battery voltage:** real-time display of battery voltage value of electrical system
- ✧ **Display power:** indicate the remaining power of BTD260 display
- ✧ **Power bar:** display real-time power in the form of progress bar
- ✧ **Real time speed:** display the current speed, which is calculated according to the motor speed and the set rim circumference
- ✧ **Gears:** shift gears by sliding up and down on the screen, 0-5 gears are optional
- ✧ **Total mileage:** display the total running mileage of the motor
- ✧ **Data panel:** The data panel can be switched by sliding left and right to display: average speed, maximum speed, single mileage, real-time power, motor temperature, and riding time.

7. Setting Page Description

Click the gear button at the upper right corner of the screen to enter the setting page.

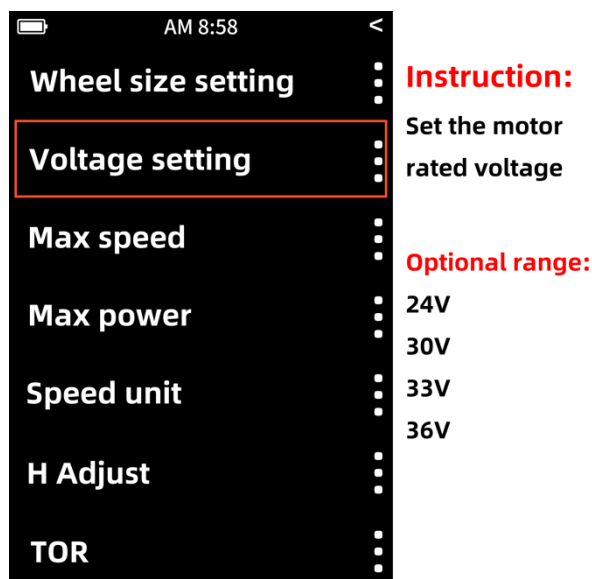
7.1 Wheel size setting

Click [Wheel size setting] to enter the wheel diameter setting page, select a suitable wheel diameter or manually enter the rim circumference.



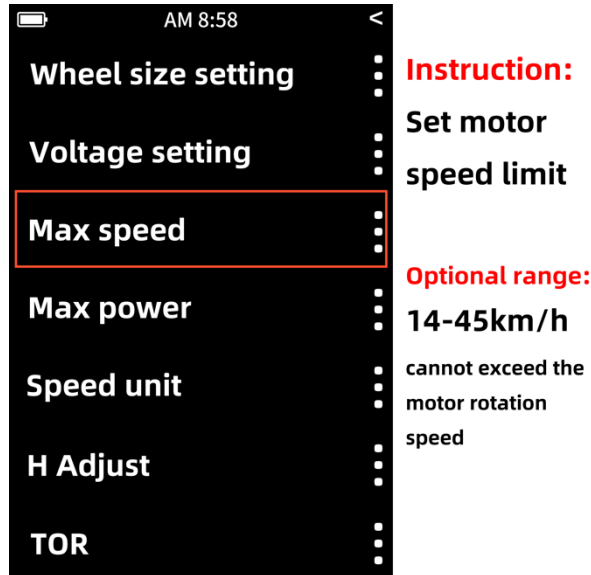
7.2 Voltage setting

Click [Voltage Setting] to enter the voltage setting page and select the rated voltage of the motor.



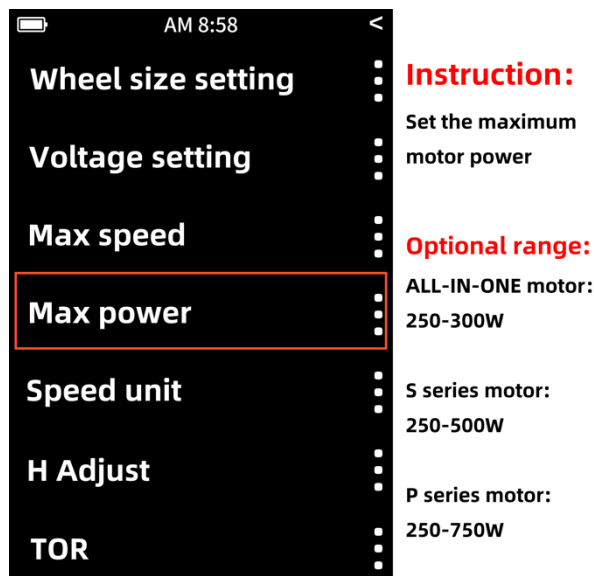
7.3 Max speed

Click [Max Speed] to set the maximum speed limit of the motor. The optional range is 14-45km/h. The actual riding speed is limited by the maximum speed of the motor set by the display and the maximum speed that the motor hardware can reach.



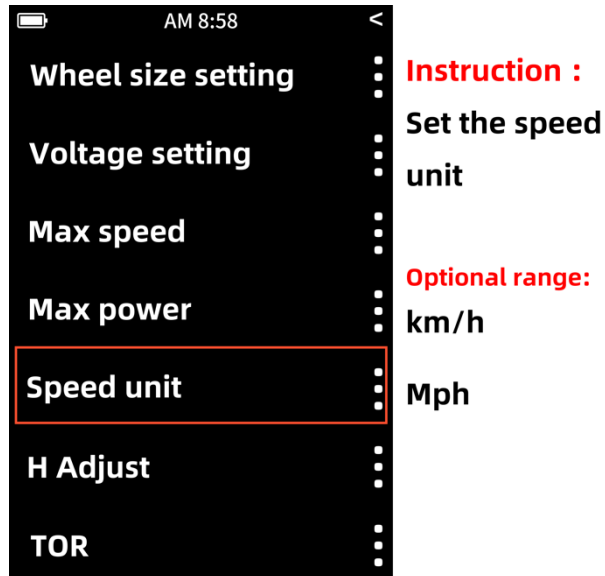
7.4 Max power

Click [Max power] to enter the motor maximum power setting page. The maximum power values of different types of motors are different, which can be selected according to the actual situation. However, no matter how much the maximum power is set, it will not exceed the maximum power that the physical performance of the motor can achieve



7.5 Speed unit

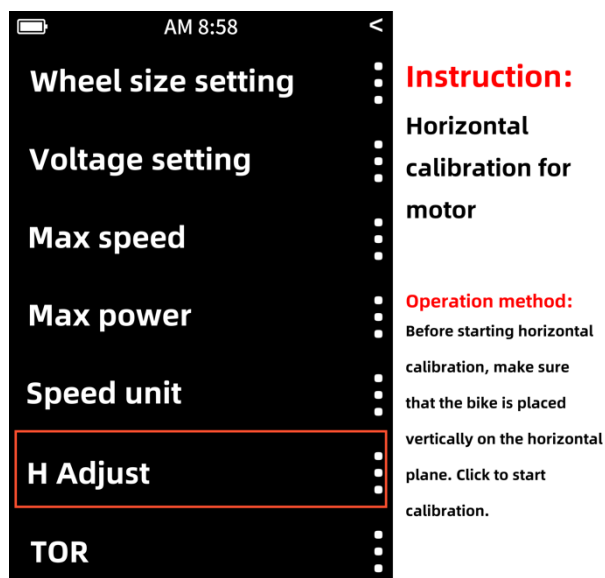
Click [Speed Unit] to enter the speed unit setting page, where you can select km/h or mph as the speed unit.



7.6 Horizontal calibration (only valid for P series motors)

Click [Horizontal Calibration] to start calibrating the horizontal position of the motor.

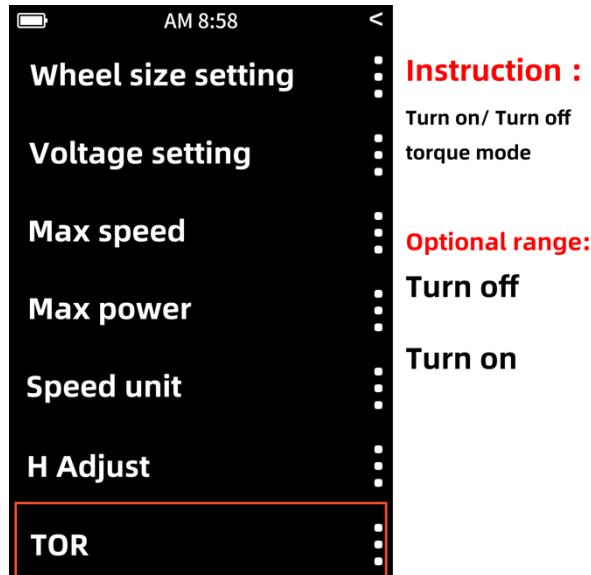
Before starting the horizontal calibration, the bike must be placed vertically on the horizontal ground.



7.7 Torque mode TOR (only valid for P series motors)

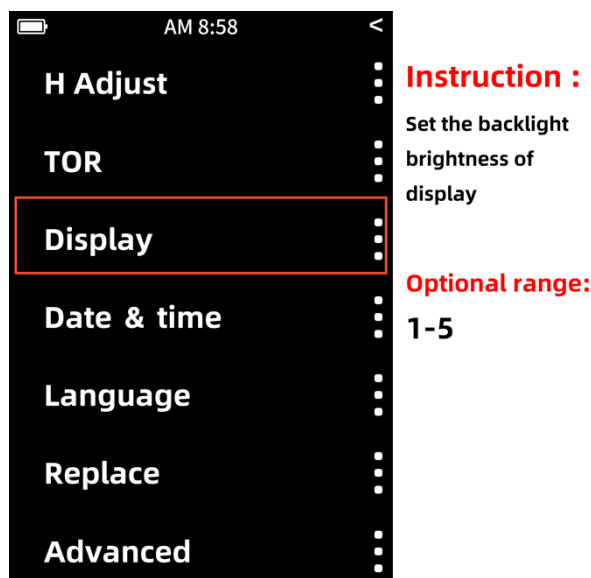
Click [TOR] to open torque mode

Horizontal calibration is required before the torque mode is opened, otherwise the torque sensing will be abnormal.



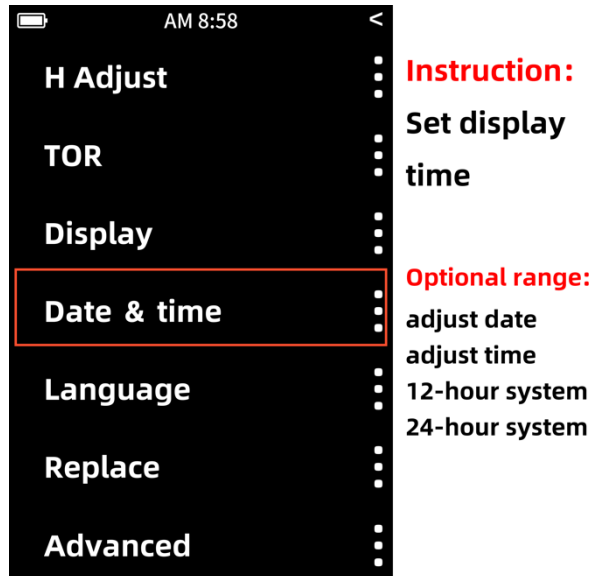
7.8 Display Settings

Click the [Display Setting] Display screen brightness adjustment page, and 1-5 brightness levels can be selected. Level 1 is the darkest, and level 5 is the lightest.



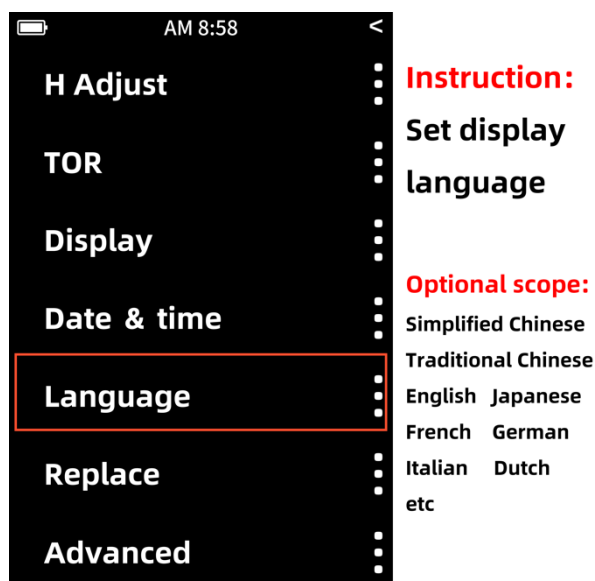
7.9 Date and time

Click [Date and Time] to enter the time setting page, where you can adjust the current date and time of the display, allowing switching between the 12-hour system and the 24-hour system.



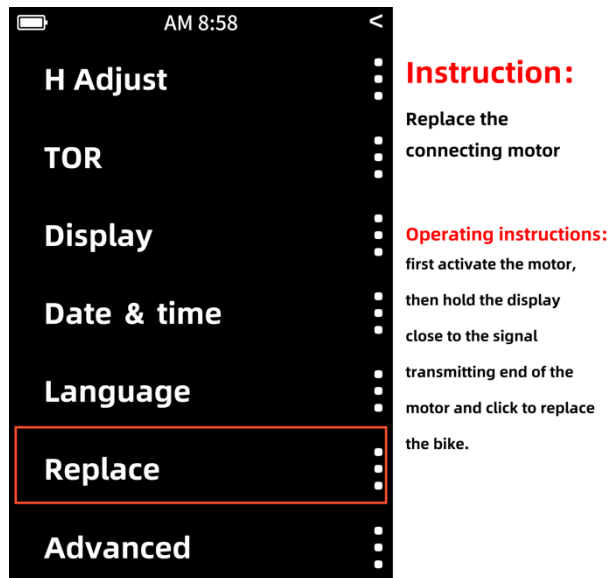
7.10 Language support

Click [Language Support] to enter the language selection interface. The available languages are: Simplified Chinese, Traditional Chinese, English, Japanese, French, German, Italian, Dutch, Portuguese, Spanish, Swedish, Czech, Danish, Polish, Russian, Turkish, Hungarian, Romanian, Indian, Korean, Malay, etc.



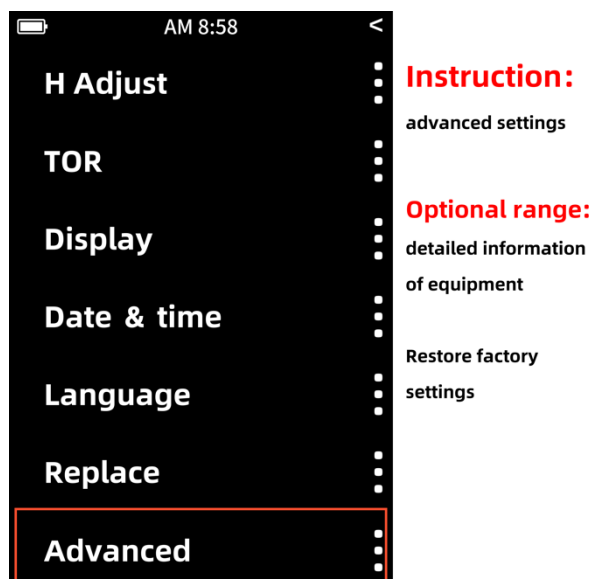
7.10 Replace the bike

Please hold the display close to the motor outlet connector (the all-in-one motor is close to the connection between the motor cover and the housing), click [Replace bike] to enter the motor signal search page, and the instrument will automatically search for the motor with the strongest signal strength nearby and establish a connection.



7.10 Advanced

Click [Advanced] to enter the advanced setting page, where you can view the detailed information of the display and restore the factory settings.



8. Error code definition

When the motor reports an error, the Bluetooth display will report an error code on the screen. The error code comparison table is as follows:

Error code	Error description	Handling method
0x01	High Voltage	Check whether the battery voltage is too high
0x02	Low Voltage	Check whether the battery voltage is too low
0x03	Over Current	Check whether the motor load is too large
0x05	Hall fault	Check whether the sensor signal is normal
0x06	MOS tube is damaged	Check whether the controller MOS is broken down
0x07	Phase failure	Check whether the motor coil is normal
0x0A	High Temperature	Stop the motor and continue after the temperature has dropped.
	Communication Error	Re-plug the motor connecting cable

9. Assembly instructions

Install the display bracket on the middle section of the handlebar. When you install the display, just place the display on the bracket and rotate it 90 degrees after fitting.

