

**PASELEC**

# Owner's Manual

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# USERS GUIDE

## N5236



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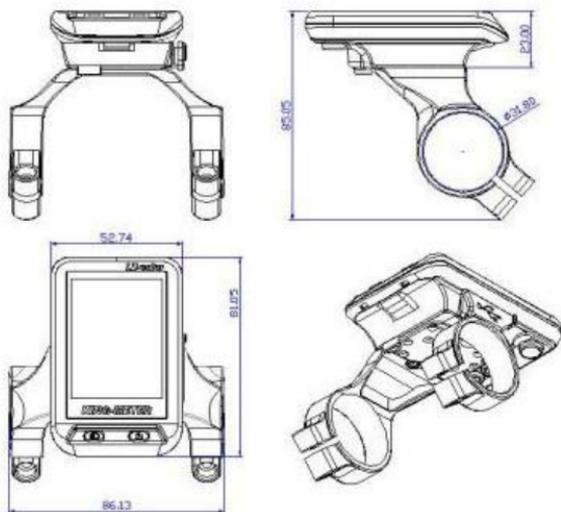
## **1. Preface**

To ensure better performance of your e-bike, please read through the N5236 product introduction carefully before using it. We will use the brief 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 barriers.

## **2. Appearance, Size and material**

The Working temperature scope of N5236 housing material is  $-20\text{ }^{\circ}\text{C}$  —  $+60\text{ }^{\circ}\text{C}$ , the shell material can ensure normal use and good mechanical performance of the products.

## Display Size and Installation Size (Unit: mm)



Button unit is connected to the bottom of the N5236 display via lead cable. In the following introduction,



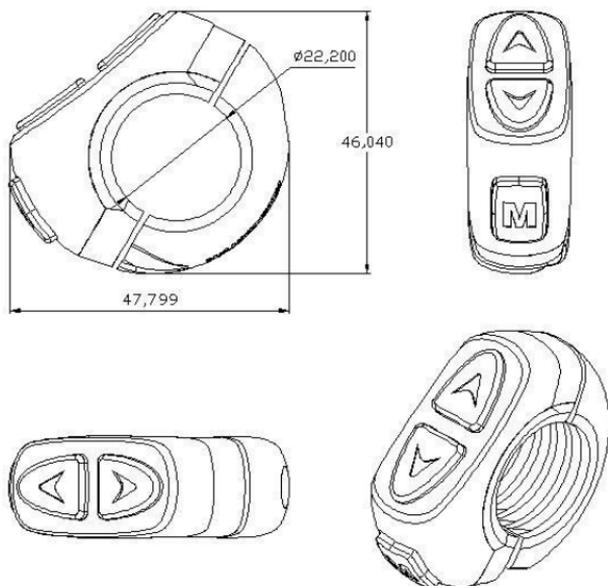
is named as “Switch”.



is named as

“Headlight”.

N3-button unit:



N3-button unit is connected to the bottom of the display via lead cable

In the following introduction,  is named as  
“MODE”.  is named as “UP”,  is named as  
“DOWN”.

### 3. Function Summary

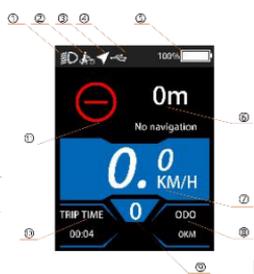
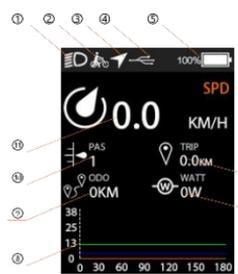
N5236 display content list as follows:

- ◆ capacity of the battery

- ◆ Power of Cycling
- ◆ Speed (current speed, average speed and Max speed)
- ◆ Distance (single trip distance and ODO)
- ◆ PAS level
- ◆ Turn on/off headlight
- ◆ 6km/h walk assist
- ◆ USB Charging
- ◆ Bluetooth, GPS location
- ◆ Error code
- ◆ Multi set up parameters: Wheel Size, Speed limited, unit settings (metric/imperial), Backlight Setting, Single trip distance Clearance
- ◆ Photosensitive backlight (Automatically adjust the screen backlight according to the ambient light intensity).

## **4. Main Display Figures**

There are three kinds of display interfaces, including normal display interface, detailed information interface and navigation interface, they can be switched by Press and hold the “MODE” button for a long time.



Normal display interface

Detailed information interface

Navigation interface

No.	normal display interface	detailed information interface	navigation interface
1	Headlight	Headlight	Headlight
2	Walk assist	Walk assist	Walk assist
3	Navigation	Navigation	Navigation
4	USB Charging	USB Charging	USB Charging
5	Battery Capacity	Battery Capacity	Battery Capacity
6	Power of Cycling	Single trip distance	Remaining distance
7	PAS level	Power of Cycling	Current speed
8	ODO	Current, average and Max speed	ODO

9	Single trip distance	ODO	PAS level
10	Current speed	PAS level	Single trip time
11		Current speed	Navigation direction indicator

## 5. Note for users

When the instrument displays the error code, please go to the dealer for maintenance.

## 6. Standard operation

### 6.1 On/Off

Press and hold the “Switch” button for 2 seconds, the display will start to work. In the power on state, long press the “Switch” button for 2 seconds to turn off the e-bike power. In the shutdown state, the battery power is no longer used for the display, and the leakage current of the instrument is less than 1uA.

If the e-bike is not used for a long time, the display will automatically shut down.

### 6.2 Speed

After the display is powered on, the display will show the current speed by default. Short press the “MODE” button briefly to switch the display information. The sequence of

display is: current speed → max speed → average speed.

### Normal display interface:



Current speed



Max speed



Average speed

### Detailed information interface:



Current speed



Max speed



Average speed

### Navigation interface



Current speed



Max speed



Average speed

### 6.3 Turn on/off headlight

Press the “Headlight” button briefly to turn on/off the headlight

Normal display interface:



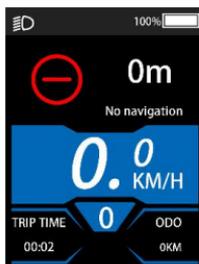
Headlight on

Detailed information interface:



Headlight on

**Navigation interface:**



Headlight on

## 6.4 6km/h Walk assist

Press and hold the "Down" button in the main interface to enter the 6km walk assist mode, and release to exit the the walk assist mode.

**Normal display interface:**



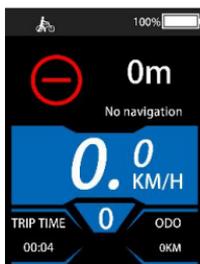
6km/h walk assist mode

**Detailed information interface:**



6km/h walk assist mode

**Navigation interface:**



6km/h walk assist mode

## 6.5 PAS Level Adjustment

Short press the “UP” or “DOWN” button to switch the power assisted level of the e-bike and change the output power of the motor. The level range is level0-level5, level0 is the lowest power, level 5 is max power. The default level is level1.

**Normal display interface:**



PAS level1



PAS level5

**Detailed information interface:**

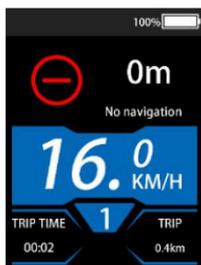


PAS level1

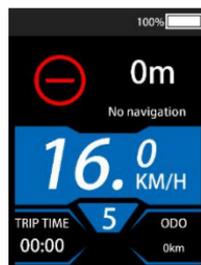


PAS level5

**Navigation interface:**



PAS level1



PAS level5

## 6.6 Capacity of battery

When the battery voltage is high, the LCD segments shows 100%. When the battery is under low voltage ( $\leq 20\%$ ), the battery power indicator color turns yellow, when the battery capacity is insufficient ( $\leq 10\%$ ), the battery power indicator color turns red, indicating that the battery is under voltage seriously and needs to be charged immediately.

**Normal display interface:**



Battery power display



Low power



Under voltage

## Detailed information interface:



Battery power display



Low power

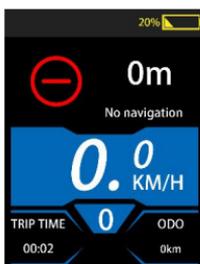


Under voltage

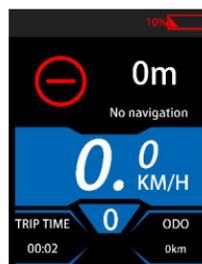
## Navigation interface:



Battery power display



Low power



Under voltage

## 6.7 Auto Backlight

When the brightness of the surrounding environment changes, the instrument will automatically control the brightness of the screen backlight through the built-in photosensitive element. When the external environment becomes dark, the backlight will be dimmed synchronously, and when the external environment is bright, the backlight will be brighten synchronized.

## 6.8 USB Charging

Plug in the USB device before power on the instrument, turn on the power to charge the USB device, the USB icon will lights up, unplugs the USB device, and the USB icon turns off after 2 Seconds; after starting up the instrument, insert the USB device, and long press the “UP”, “Down” and “Mode” buttons to start the charging function. If there is a USB device connected, the USB device will be charged, and the USB charging icon will be on. If the USB device is pulled out, the USB charging icon will be turned off after 2S.

**Normal display interface:**



USB Charging interface

**Detailed information interface:**



USB Charging interface

**Navigation interface:**



USB Charging interface

## 6.9 Bluetooth Mode

Users need to search app "Tahuna" in app store, download and install it. When the instrument is powered on and the Bluetooth is on, log in to the app for use. The Bluetooth name of the instrument is "BR2262e".

**Normal display interface:**



Bluetooth mode interface

**Detailed information interface:**



Bluetooth mode interface

**Navigation interface:**



Bluetooth mode interface

## 6.10 Navigation mode

The navigation mode can only be used when Bluetooth function is turned on in the navigation interface. The instrument can display the current remaining distance and riding directions.

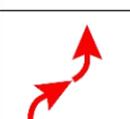
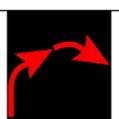
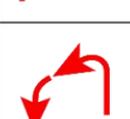
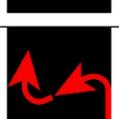


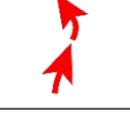
Direction indication position

Indicators as following:

Indicator	Icon	Indicator	Icon
No navigation		U-Turn	
Replanning		Arrived	
Turn Left		Turn Right	

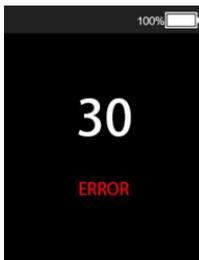
Turn Sharp left		Turn Sharp Right	
Turn Slight Left		Turn Slight Right	
Roundabout		Roundabout, reversed	
Roundabout, Take first exit.		Roundabout, Take second exit.	
Roundabout, Take third exit.		Roundabout, Take fourth exit.	
Roundabout, Take fifth exit.		Roundabout, Take sixth exit.	
Roundabout, Take seventh exit.		Roundabout, reversed. Take first exit.	
Roundabout, reversed. Take second exit.		Roundabout, reversed. Take third exit.	
Roundabout, reversed. Take fourth exit.		Roundabout, reversed. Take fifth exit.	

Roundabout, reversed. Take sixth exit.		Roundabout, reversed. Take seventh exit.	
Turn left, then left		Turn left, then right	
Turn left, then sharp left		Turn left, then sharp right	
Turn left, then slight left		Turn left, then slight right	
Turn right, then left		Turn right, then right	
Turn right, then sharp left		Turn right, then sharp right	
Turn right, then slight left		Turn right, then slight right	
Turn sharp left, then left		Turn sharp left, then right	
Turn sharp left, then sharp left		Turn sharp left, then sharp right	

Turn sharp left, then slight left		Turn sharp left, then slight right	
Turn sharp right, then left		Turn sharp right, then right	
Turn sharp right, then sharp left		Turn sharp right, then sharp right	
Turn sharp right, then slight left		Turn sharp right, then slight right	
Turn slight left, then left		Turn slight left, then right	
Turn slight left, then sharp left		Turn slight left, then sharp right	
Turn slight left, then slight left		Turn slight left, then slight right	
Turn slight right, then left		Turn slight right, then right	
Turn slight right, then sharp left		Turn slight right, then sharp right	

## 6.11 Error Code

When the system is wrongly working, display will show the error code automatically. Only when the fault is eliminated can the error display interface be exited, and the e-bike will not be able to continue driving after the error occurs.



Error display interface

Common error codes are defined in the following table:

Code number	Definition
21	Abnormal current
22	Throttle fault
23	Motor phase problem
24	Motor Hall defect
25	Brake Failed
30	Abnormal Communication

## 7. Settings

### 7.1 Settings:

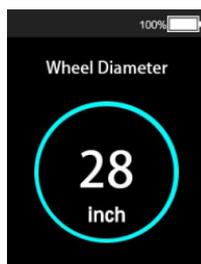
In the main display interface and the real-time speed is 0, long press the “UP” and “DOWN” button at the same time

to enter the setting interface. Short press the “MODE” button to switch the setting items, which are as follows: wheel size check- speed limit check-single trip distance reset setting- backlight brightness setting- unit setting -wheel size check.

In the setting interface, press and hold the “MODE” button (> 2S) to exit the setting interface.

## **7.2 wheel size check**

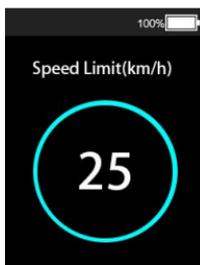
In the setting interface, you can check the current wheel size under the wheel size check option interface.



Wheel size check interface

## **7.3 Speed limited check**

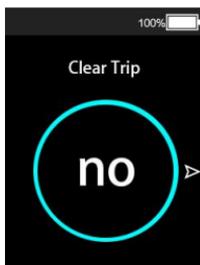
In the setting interface, you can view the maximum riding speed of the e-bike. When the speed exceeds the set value, the controller will stop the power supply to the motor to protect the safety of the rider.



Speed limited check interface

## 7.4 Clearance of Single trip distance

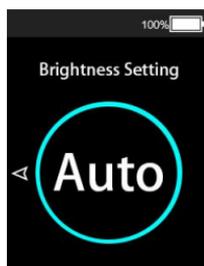
The single trip reset setting can clear the single trip distance of the instrument. Short press the “MODE” button to enter the setting state of single trip distance clearing. Short press the “UP” button or “DOWN” button to clear the single distance (yes) and not clear (no). Press the "Mode" button again to confirm the setting item, and save the settings when returning to the main interface.



The single trip clearance setting interface

## 7.5 Backlight Setting

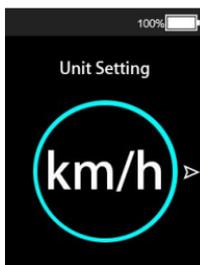
The backlight brightness setting can set the backlight brightness value of the instrument. The default value of the instrument backlight is automatic adjustment mode. Short press the “MODE” button to enter the backlight brightness setting interface. Short press the “UP” button or “DOWN” button to select the backlight brightness value (20 / 40 / 60 / 80 / 100 / auto). Press the “MODE” button again to confirm the setting items, save and exit the backlight setting interface at the same time.



Backlight brightness setting interface

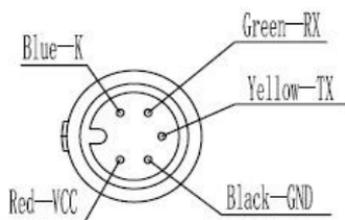
## 7.6 unit settings

Unit setting can set the unit of speed and mileage displayed by the instrument. The default setting is metric unit (Km/h, Km). When in the setting interface, short press the “MODE” button to enter the unit setting interface. Short press the “UP” or “DOWN” button to switch between metric unit (km/h) and imperial unit (mph). Press the “MODE” button again to confirm the setting item, save and exit the unit setting interface at the same time.



Unit setting interface

## 8. Circuit Diagram and wire sequence



Connecting end with controller

Standard connector wire sequence table (Ananda)

Standard Wire	Color of standard Wire	Function
1	Red (VCC)	Display power wire
2	Blue(K)	Power control wire of controller
3	Black(GND)	Instrument Ground wire
4	Green(RX)	Data receiving wire of display
5	Yellow(TX)	Data transmission wire of display

## 9. Instrument printing code

If customer has special requirements, print the code according to the customer's requirements

If the customer has no special requirements, the code printed according to the requirements of King-meter Co. The printing code is two lines. The first line is the hardware version number of the instrument, and the second line is the combination of production date, serial number, and the instrument's wire length, connector type.

Example: DP C330.C 1.0

720Q1T7290001

## 10. FAQ

Q: Why can't turn on the display?

A: Please check if the cable is well connected with the controller.

Q: How to deal with the error code display?

A: Contact the e-bike maintenance station in time.

## 11. Quality assurance and warranty scope

### I, Warranty Information:

1, King-Meter will be responsible for all faults arising during normal operation that are caused by a quality defect

2, The warranty time is 30 months from the day the instrument leaves the factory.

3, For the storage and handling of the products, please comply with local laws and regulations and environmental protection requirements

**II, The following are not covered by warranty:**

- 1, Shell opened.
- 2, Failure or damage is caused by misuse or incorrect installation and debugging by users or the third party.
- 3, After display out of factory, the shell is scratched or damaged.
- 4, Lead wire of display scratch or break.
- 5, The fault or damage is caused by the force majeure (such as fire, earthquake, etc.) or natural disasters (such as lightning, flooding, etc.)
- 6, Product exceeded warranty period.