ND04 Instructions

NEWAYS

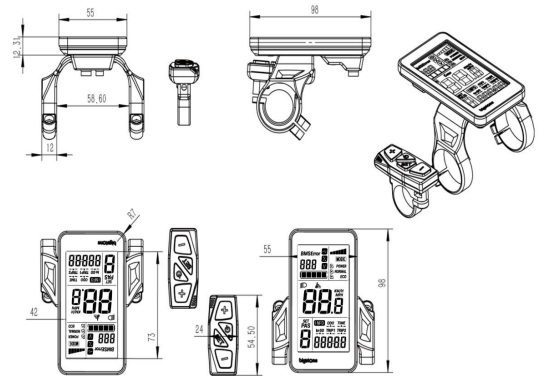# CONTENT

1.About the user manual

Dear users, in order to operate your electric car better, please

read the ND04 instrument manual carefully before use. We

will tell you every step of the instrument in the most concise
language, from hardware installation and setup to normal
use of the instrument. At the same time help you solve the
 confusion and obstacles that may arise.

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2.Outlook and size
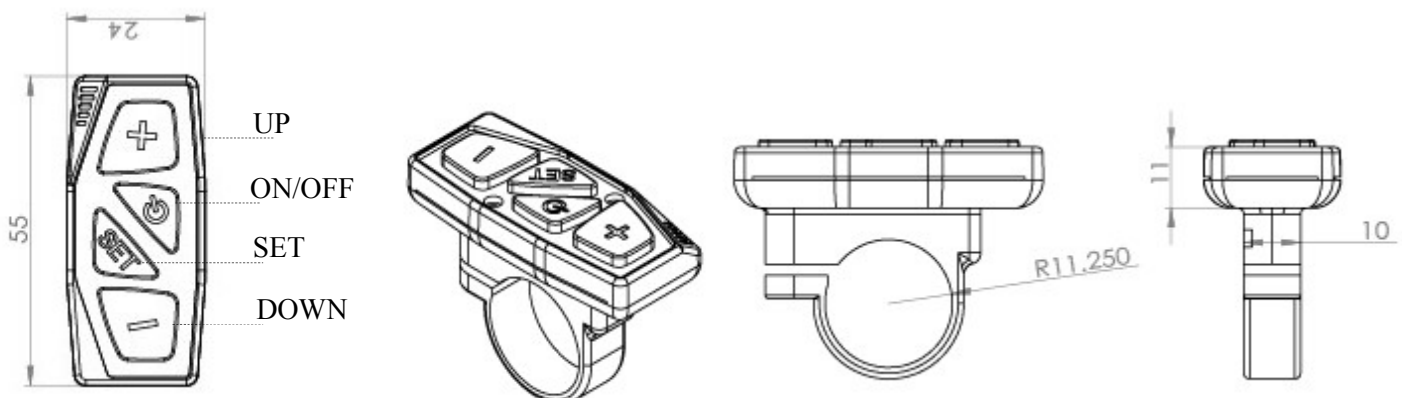
2.1 Material and color

N D 0 4 products are made of black ABS material and the bracket is made of nylon material. Under the temperature of -20 to 60 , the shell material can ensure normal usage and good mechanical performance of the products.

Dimension figure (unit: mm).

2.2 Button definition

N D 0 4 has four buttons, including ON/OFF SET UP and DOWN.

UP
ON/OFF
SET
DOWN

3.Function summary

N D 0 4 provides a wide range of

functions and indicators to fit the users

needs. The indicated contents are as

below.

3.1BMS Error:

1.BMS display current battery status.

2.Error Display the current error code.

3.Cycle times display   This feature is

notavailable by default.

4.Electricity percentage display   This feature is not

available by default..

5.Voltage display   Display the current battery

voltage of how many Volts.

3.2Current display:

The discharging current of the controller --- --
currently, each segment is 2A.
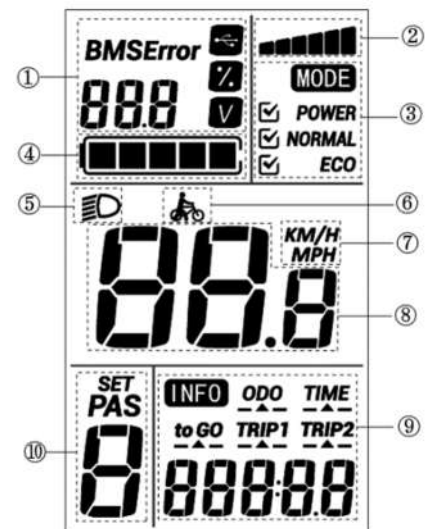
3.3Riding mode selection:

Show current riding mode.

3.4Electric quantity display

Display current electric quantity.

3.5Backlight indicator

With the power on, click the ON/OFF to turn

on the backlight and headlight.

3.6 6KM

Hold the DOWN for 2 seconds to get in 6km
work.

3.7KM/H&MPH:

Select KM/H or MPH as the current display u
nit.

3.8Speed display:

Display the speed at   present.

3.9Riding information display:

1   INFO:Default light.
2   INFO TOGO:This feature is not available by default.

3   ODO:The ODO records the driving milea
ge from using, the accumulated value cannot be cleared.

4   TIME:Display the time when the speed of a

single ride is higher than 5KM/H.
5   TRIP:A single mileage display shows the user's single riding mileage, which can be

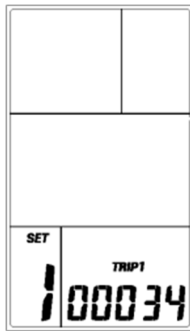cleared in the setup interface and 500KM automatically cleared.

3.10   SET & PAS:

1   SET :The user enters the setup interface; the

SET icon will be in 1Hz flicker.

2   PAS   Display the current output power
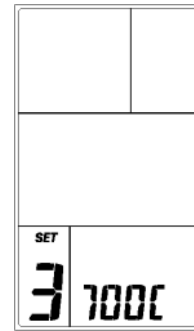
4.Setup summary

Click SET 2seconds enter the general setting interface.

4.1 Reset trip distance to 0.

SET
TRIP1
1 00034

4.3 Setting Wheel diameter setting.

SET
3 700C

4.2 Max speed Limited.

40.0 KM/H
SET
2

4.4 KM/H&MPH.

KM/H
SET
4
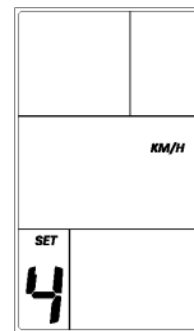
press UP or DOWN to select the

wanted parameter, and click SET for 1 second to exit.

When the riding speed is 0 km/h for 5 minutes, the system will go to

sleep

automatically.

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5.Wire order definition

Wires sequence	Wires color	Function
1	Red	Battery+
2	Blue	Weak lock
3	Black	Battery-
4	Green	UART - RECEIVE (RXD)
5	Yellow	UART - SEND (TXD)

6.Common problems and solutions

Q：Why the display is not able to start up？

A：Checking the connector that between display and controller.

Q：How to deal with the error code?

A：Fix it to the maintenance place immediately. If cannot be resolved, you

can go to

the electric vehicle repair points repair it in a timely manner.

7.Quality & Warranty

Any quality problems in normal case and in guarantee period, our compa ny will responsible for the warranty

The warranty time is 18 months from date of purchasing.Other items：
The following items are not belong to warranty scope

1. It can't be demolished.

2. The damage caused by wrong installation or operation.3. Shell is broken w hen display is out of the factory.

4. Wire is broken.

5. Force disaster (such as fire, earthquake, etc.) or natural disasters like lightn ing, etccaused by fault or damage.

6. Beyond Warranty period.

8.Error code table

The error code is corresponding with the fault definition：

Error code	Definition
4	Turn the handle upside down
5	Throttle fault
6	Low voltage protection
7	Over voltage protection
8	Hall signal wires fault on the motor
9	Phase wire fault on the motor
16	Controller temperature is too high, and reaches the protection point
17	Temperature sensor inside controller fault
18	Current sensor fault
19	Temperature sensor inside battery fault
20	Temperature sensor inside the motor fault
33	Speed sensor fault
34	BMS communication fault
35	Light fault
36	Light sensor fault
48	Communication display receiving error