OHC® 欧恒驰
MOTORS

STEERING WHEEL SYSTEM UPGRADE

INTELLIGENCE

Instruction Book

Please read the instruction manual carefully before use and take good care of it. If you do not understand the product and after-sale service, please contact the local sales department for consultation!

Thank you for using our company's xx steering wheel heating system.

Preface

Thanks for your choosing of our steering wheel LED system. With the improvement of social life and technologies, people have higher requirements on life's quality, especially the requirements on higher standard to motors, and the pursuit of comfortableness and safety have been put forward to the schedule. The steering wheel LED system provides convenient and safe security for the driving process, which reduces the accidents due to the distractions in driving.

Our expectation is "Drive It Safer & Better",OHC team will do best to provide excellent and great performance steering wheel system products for you.

——————— OHC

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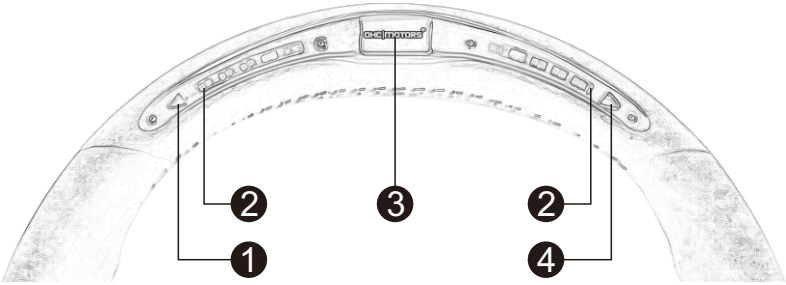
Product Introduction

I. Appearance instructions

1. Display and Operation



❶ left L controller ❷ LED light ❸ displayer ❹ right R controller

There is a short-pressing button and a long-pressing button. Long pressing means press the L or R more than 2s. When dual-clicking, you must press the second time within 2s. There are 6 buttons in total, the initiations are as followed:

Left short-pressing	**LK**	Left long-pressing	**LL**	Right short-pressing	**RK**
Right long-pressing	**RL**	Right dual-clicking	**2xRK**	Left dual-clicking	**2xLK**

Connecting the OHC intelligent wheel system

After starting up, there will be LOGO on the displayer. When the LED lights, the instructing lights will be off.

Opening up the displayer and LED, pressing the LL and RL at the same time.

After starting up, display will show the off sign, pressing any button to close the displayer within 3s.

Used Marks

⚠ The necessary instructions and cautions

▷ The special reminders you should pay attention to

➡ Moving as the arrows

◀ Finishing Instruction

Product Introduction

II. Function Map

Main Menu

ED MODEL	LED Switches	Racing MODEL	Setting MODEL
RK键→	RK键→	RK键→	RK键→
←LK键	←LK键	←LK键	←LK键
↑LL键 ↓RL键	↑LL键 ↓RL键	↑LL键 ↓RL键	↑LL键 ↓RL键

Functions

ED MODEL	LED Switches	Racing MODEL	Setting MODEL
Oil Consumption	LED opening	LAP-model by second	light
↓Lk键	↓Lk键	↓Lk键	↓Lk键
Engine Speed	LED closing	Accelerometer per Hundred Kilometers (Reserved)	Speed unit
↓Lk键	←Lk键	↓Lk键	↓Lk键
Vehicle Speed		400 Meters' Racing Bicycle(Custom-Made)	Temperature Unit
↓Lk键		←Lk键	↓Lk键
Engine Load Rate			Using unit
↓Lk键			↓Lk键
Current Voltage			Speed Switching limiting value
↓Lk键			↓Lk键
Water Temperature			Time Recording Choosing
↓Lk键			↓Lk键
Oil Temperature			Version Information
↓Lk键			←Lk键
Oil Remaining			
↓Lk键			
Endurance Mileage			
↓Lk键			
Turbocharging			
←Lk键			

Product Introduction

III. Navigation Instructions

Main Menu

There are mainly four menus: ED/LED/racing/setting, choosing the related function in the menu by LK or RK. At this time there will be larger marks and related functions. By RL, you can obtain the related expected menu.

Functional Unit

In the functional menu, you can get the individual function menu by LK, and jumping to the first one from the last one. You can choose any functional menu by the introduction buttons. For entering the main menu, pressing the LL.

The characteristics of it are the control button in setting pattern, which will be introduced in the later setting pattern.

It is usually used in the setting button with logic, and then you can enter to hollow part by pressing RL, which LL can enter to swollen part, which can also be used in the subfunction.◀

LED Indicator Light

(a) Matching with engine speed

When the vehicle is speeding up, the engine speed becomes larger and the LED lights with different colors to provide assistance for drivers, so that they can know the active information of the vehicles.

(b) Matching with steering angle

When parking, rotating the steering wheel, and then the LED will shine different colors according to the direction.

(c) Matching with the flashing turn lights

hen opening the turn lights, the LED will shine different colors.

Once you enter into the LL and RL in the main menu, you can close the displayer and LED lights. Entering into the LL and RL at the same tine, you can re-open the displayer and LED.Product Introduction

Product Introduction

II. Technical Parameters

Working Voltage	12V-16V
Working Current	main part<40mA/ displayer<25mA
Quiescent Current	3mA
Applicable Temperature	-40℃~+85℃
Working Frequency	2.4GHz
Sensing Distance	10m

III. Main Functions

1. Fuel consumption details
2. Perception of steering wheel angle
3. Dynamic steering expression
4. Time recording
5. Dynamic sensing of rotating speed
6. Racing mileage records
7. Engine information presentation
8. Special information setting up
9. Endurance Mileage estimating
10. Turbocharging displaying

IV. Product Features

1. New design, non-broken allocation
2. Dual-core design, lower power using is more reliable
3. 2.4G wireless hopping technology is more stable
4. Interaction of man and car
5. Standard and Quality

V. Matching Action

1. When the key is in ON button, pressing the button of main OBD module more than 5s, the LED lights will shine quickly.
2. Pressing the LL and RL on the wheel at the same time more than 5s, the functional unit on the displayer shines quickly.
3. The speed of the LED becomes lower, and there is “Matching Success” on the displayer.

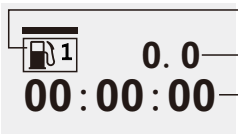
Product Introduction

I. ED Model Function

ED model provides different functions for supporting the fuel-using priority. There are 10 functional units in ED model in total, and these units can be controlled by LK button. Furthermore, LED provides visual help for drivers to master the vehicle information better.

There will be different arrangements based on the vehicle types, and there may be some functional unit which cannot be shown.

Fuel Using by Second



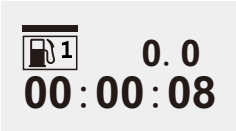
❶ fuel-using model: the mark with 1 means timely using

❷ fuel consumption: the mark with 1 means average using

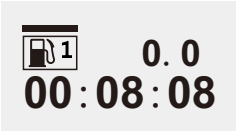
❸ second chronograph

[a] second chronograph

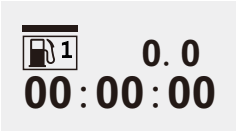
There will show hour-, minute-, and second-model in the display. The largest time value is 23:59:59, and then the timer will jump back to 00:00:00 .



Pressing RK for starting up second chronograph



Pressing RK for closing second chronograph



Pressing LL and RL at the same time to set up the second chronograph

When using the second chronograph, you can adjust the other functions in the ED model. Besides, you can change to LED and setting up pattern. The timer will be operate in the backstage. When displaying second chronograph, you can count on the time. As long as the second chronograph is operating, you can not change to racing model. When closing the starting up system, the second chronograph will be off and save the time for you. Connecting the starting up system, the second chronograph begin to operate again. ◀

Product Introduction

[b] oil using

The oil using can be expressed as each country, and you can see the details in the chapter of setting up model. Pressing RL,it can be switched between timely oil using and average one.

Timely Oil Using

Timely oil using is a 10km distance for moving average, and it is updated per 100m. If it is possible, it can be shown as the choosing country.

when closing the system, saving the number and keeping it the the saver no more than half an hour, and then clearing up it.◀

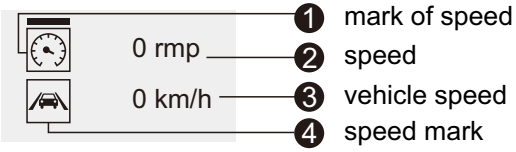
Average Oil Using

Average oil using is the amount of oil using since the last setting up, and it also can be shown according to the country.

Before closing the system, the value is stored in the individual saver.◀

No matter which one is used,it can be set up with LL and RL buttons.

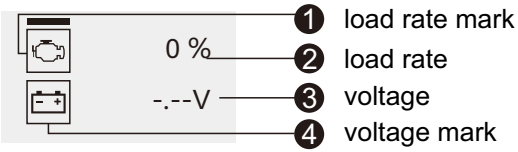
Engine Speed/Vehicle Speed



It shows the engine speed and vehicle speed timely, so that to control the vehicle model.

After closing the system, these date will be cleared off.◀

Engine Load Rate/Vehicle Voltage

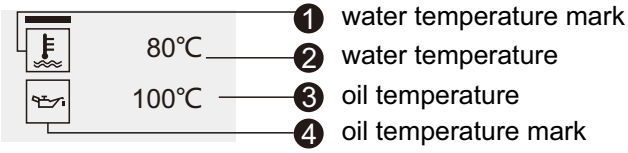


Product Introduction

It timely shows the engine load rate so that to control the vehicle model.

After closing the system, these date will be cleared off. ◀

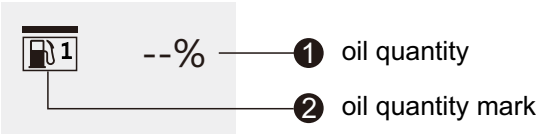
Water Temperature/Oil Temperature



It timely shows the water temperature and oil temperature so that to control the vehicle model. According to the setting up , it will show the temperature with ℃ or ℉.

After closing the system, these date will be cleared off. The warning data will be saved in the saver. ◀

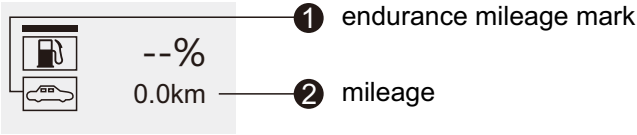
Remaining Oil



It timely shows the remaining oil so that to control the vehicle model.

fter closing the system, these date will be cleared off. The oil data will be saved in the saver. ◀

Endurance Mileage



Product Introduction

It timely shows the endurance mileage so that to control the vehicle model.

After closing the system, these date will be cleared off. ◀

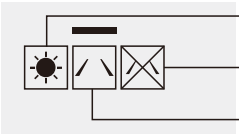
Turbocharging

It timely shows the turbocharging so that to control the vehicle model.

fter closing the system, these date will be cleared off. ◀

II. LED Switching Function

Through this function, you can open or close the LED so that to better control it.



Providing the signs for opening or closing the LED so that to better control it.

Using the LK or RK to open or close it. Choosing to open all these LED and saving it by pressing LL.

Default tab. ◀

Product Introduction

III. Racing Model Function

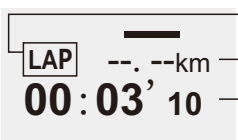
Racing model provides special functions for racing road.

It cannot be used to the unsuitable roads. Drivers have the responsibility to drive in a suitable way. You cannot try dangerous driving way or it may be accidents. Racing model functions cannot be used in public roads. ◀

LAP Racing Timer(round time/distance)

Illustration:
Fast racing road in Huanan, comparatively shorter

LAP racing timer is designed for racing and can count on the time for one round(no more than 0 round). It can save every largest time and speed for each round and can show them later. The following example is the timer on fast racing road in Huanan.

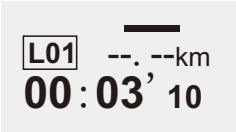


❶ Round model mark
❷ distance
❸ second

It shows minute, second, millisecond,and LAP on the displayer, the largest one is 59:59'99

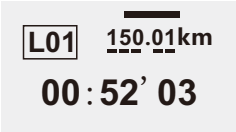
after one hour, it cannot be shown by millisecond. ◀

Example



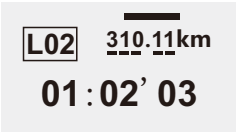
Pressing the RK to race
(example: racing quickly over starting line/terminal line)
Once begin, L01 on the displayer means the first round

Product Introduction



Pressing RK, you can count on the time and distance for the first round.

The time is is lasting 3s. During this time, the timer operates in the backstage. After 3s, it shows the time of second round from 0.



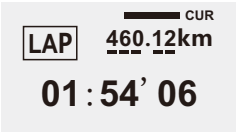
Pressing RK, you can count on the time and distance for the second round.

The time is is lasting 3s. During this time, the timer operates in the backstage. After 3s, it shows the time of third round from 0.

Repetition as it.

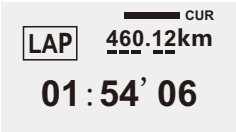
During the course, you cannot use other functions.The timer operates in the backstage. Only showing the timer, you can begin to count on the time.

Pressing 2xRK, you can closing racing. After 3s, transferring to CUR model and all the total time.



Under such circumstance, the last round's time cannot be counted, so it cannot be saved as the total time.

Dual-clicking after over the target 3s.



Canceling all the date and pressing the LL and RL. ◀

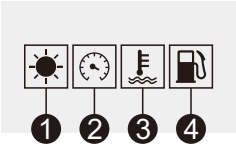
Accelerometer per Hundred Kilometers(Reserved)/400 Meters' Racing Bicycle(Custom-Made)

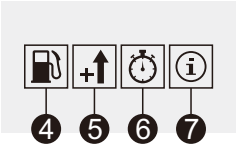
Product Introduction

IV. Setting Up Model Functions

Setting up model is used to choose the LED and the individual setting up.

Under the setting up model, you can press LK and RK to control, like checking in the form, which will show the mark of reversing. Due to the7 control menus, there are two showing menus,1-4 and 5-7. When transferring from 4 to 5 or from 7 to 1, the menus will change.



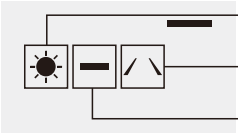


1. luminance(displayer and LED)
2. speed unit
3. temperature unit
4. oil using unit
5. speed switching limit value
6. time-recording model choose
7. version information

Pressing RL to choose the function. Setting up the form to choose the functions

Luminance

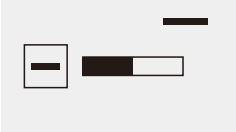
Pressing RL to choose luminance.

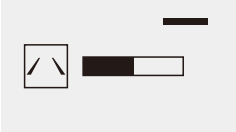


1. luminance mark
2. LED luminance
3. displayer luminance

Pressing LK or RK to set up for the displayer and LED. Pressing RL to confirm your choice.

Product Introduction





In order to decrease the luminance of displayer or LED, or you want to increase the luminance of displayer or LED, please press RK. For saving your choice, please press LL.

when decreasing the luminance, you should close the displayer, so you must press LL and RL at the same time at least 2s.◀

Speed Unit

Pressing RL to choose speed mark

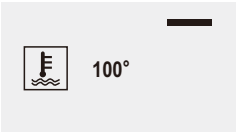
Pressing LK or RK to choose function, transferring from km/h and mph.
Pressing LL to save the setting up and come back to the main menu.

Temperature Unit

Pressing RL to choose temperature mark

Pressing LK or RK to choose function, transferring from ℃ and ℉.

According to the choosing unit, pressing LK to set up the water temperature. You can increase or decrease the value by LK or RK.



Product Introduction

Over the valve, the indicating light will shine and warn you the possible over-heating for the engine, matter what the contents are.

Pressing LL to save the setting up and come back to the main menu.

Pressing RL to choose oil box mark

Pressing LK or RK to choose function, transferring from every items.

[1] EC(L/KM) [2] US(M/AG) [3] UK(M/IG) [4] JP(KM/L)

Pressing LL to save the setting up and come back to the main menu

when it refers to km/h in choosing the speed unit, you just can choose EC and JP for oil using unit. If choosing mph, the oil using units are US and UK

Speed Switching Limit Value

You can adjust LED based on the vehicles or your driving ways by setting up. The limit value is shown by one LED. The value can be changed to the best button or the highest value. Pressing RL to choose any limit value.

Pressing LK or RK, you can reduce or increase per 100 from 1000 to 9900
Pressing LL to save the setting up and come back to the main menu

Product Introduction

The arrangements of LED are as follow:

[1] LED in 50%-60%(green)
[2] LED in 60%-70%(green)
[3] LED in 70%-80%(yellow)
[4] LED in 80%-90%(yellow)
[5] LED in 90%-100%(red)

这此值为已设置的切换极限值.在达到100%的转速界限值后所有LED闪红色,这时应执行切换过程.

Time-recording Model Choose

If necessary, you can measure the time by hand or measure by toucher

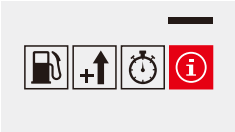
Pressing RL to choose second mark

Pressing RL to choose second mark

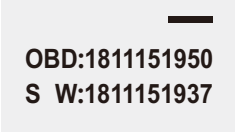
[1] M=measure by hand
[2] A=measure by toucher

Pressing LL to save the setting up and come back to the main menu

Version Information



Pressing RL to choose version mark



Pressing RL to choose version mark

[1] OBD: means the connection in OBD(Nov,15th, 2018, 19:50)
[2] SW:means the number on wheel(Nov,15th, 2018, 19:37)

要保存设置并返回到设置模式中,则请按LL键.

Pressing LL to save the setting up and come back to the main menu

Common Questions and Answers
Cannot be handle after allocation?

[1] checking the current /ACC
[2] checking the connection
[3] checking the matching of main land and pressing land

The light doesn't work?

[1]checking the opening of ACC
[2]checking the connection
[3]checking the matching of them

The backlight doesn't work?

[1] checking the switch
[2] checking the connection
[3] checking the using of matching Safety Tips and Precautions

The horn calls long time?

[1]checking the matching
[2]checking the supplement
[3]checking the correction

Notice & Safety Tips

Safety Tips

[1] Before using this product, please read the safety tips carefully and do as It follows, in case of any unnecessary problems, so that the functions can be deployed in the best mode.

[2] Don't use the product in non-operating temperature.

[3] There may be some small part, please put it beyond the children, in case of swallowing some small parts or any other accidents.

[4] Don't throw the parts as common life garbage, obeying the locally environmental principles.

Precautions

[1] Steering wheel heating system is an assistance.
[2] Ensure to operate the products in a secure mode.
[3] Don't pour liquid on the products.

Warranty Services and Policies

I. Warranty Policies

Thanks for your purchasing, under the normal using, you can enjoy the three guarantees.

From the day of your purchasing, if there is any quality problem, you can have the following warranty services:

1. From the purchasing day, after 3years or 100,000 kilometers, we will provide free services for you after confirmation.
2. We provide lifetime warranty, but we will charge an appropriate fee.
3. The following cases are not included in the three guarantees.

1) breaking out or rechanging artificially
2) the unresistable factors, such as natural disasters or car accidents, cause broken up
3) the purchasing information is not filled truly.

4. The right of final interpretation of these warranty policies belongs to OHC Co., Ltd.

II. Warranty Certificate

The certificate is the warranty certificate, please fill it carefully. If obliterated, it will be canceled. After filling it, please hand the second page to dealers or our company by express.

User Stub of the first page

Vehicle Model:
Type Model:
Bar Code:
The name of dealer or purchasing store:
Mob:
Stamp:

License Plate Number:
Purchasing Date:

User Receipt of the second page

Vehicle Model:
Type Model:
Clients Name:
Mob:
Add:
The name of dealer or purchasing store:
Mob:
Stamp:

License Plate Number:
Purchasing Date:
Bar Code:

让驾驶更安全舒适 Drive It Safer & Better

企业公众号

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Website: www.ohcmotors.com

Mob: 020-87632885/87639693

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment