



● Thank you for purchasing our product. Before installing/operating the product, please read the instructions thoroughly and retain them for future reference.

⚠ Attention!

1. For installation, please follow the steps described. Any damage caused by wrong installation shall be imputed to the users.
2. Do not disassemble or change any parts.
3. Opening the instrument will void any warranty. Maintenance or repair should be executed by our professionals only.

◎ SYMBOL DESCRIPTION:

NOTE The symbols indicate additional instructions.

⚠ Some procedures must be followed to avoid damages to the instrument.

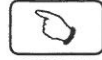
⚠ **WARNING!** Certain procedure must be followed to avoid damages to yourself, to the vehicle or the public.



FLASH



LIGHT ON



PRESS THE
BUTTON
ONCE



PRESS THE
BUTTON 3
SECONDS

1 Accessories

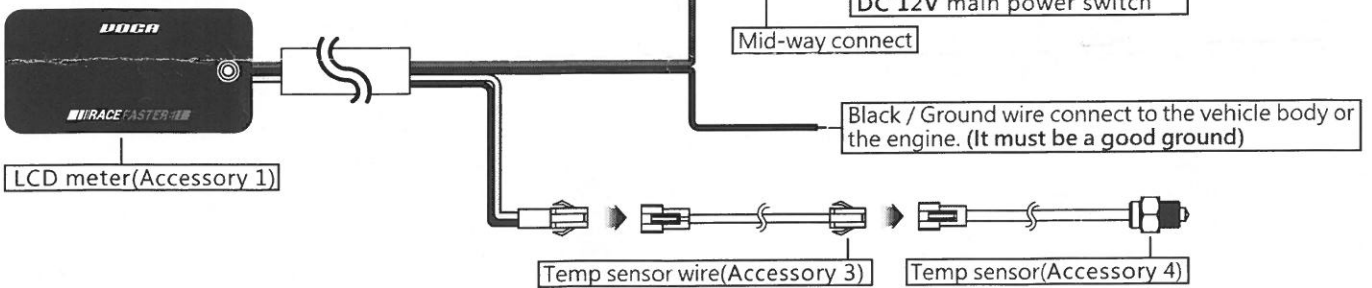
1 LCD meter X1	2 Velcro X1 set	3 Temp sensor wire X1	4 Temp sensor X1

2-1 Wiring Installation Instructions

Main switch wiring reference:

	Power	Key on	Ground
YAMAHA	Red	Brown	Black
HONDA	Red	Red / Black	Green
SUZUKI		Black	Green
KAWASAKI	White	Brown	Black / Yellow
KYMCO	Red	Black	Green
SYM	Red	Black	Green
PGO	Red / White	Orange	Black

NOTE The color listed above may differ depending on the model.



2-2 Installation Instructions

1. LCD meter (Accessory 1)
2. Velcro-male (Accessory 2)
3. Velcro-female (Accessory 2)

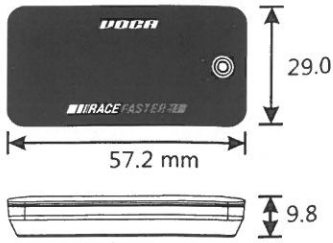
Follow the steps below during installation.

2-3 Touch Range

Touch Range

Once you touch the screen, the decimal point at the end will light up to show the user that he/she touched the exact touch range.

3 Functions, Settings Description



● Temperature	Display range : -20.0 ~ 120.0 °C (-4.0~248.0 °F), Display unit : 0.1 °C (0.1 °F)
● Max. temperature record	Display range : 0 ~ 120.0 °C (32.0~248.0 °F), Display unit : 0.1 °C (0.1 °F)
● Voltmeter	Display range : 8.0 v~18.0 v, Display unit : 0.1 v
● Unit	Temperature unit : °C (Celsius) and °F (Fahrenheit)
● Overheat warning	Setting range : 50~120 °C(122~248 °F),Setting unit : 1 °C (1 °F)
● Low voltage warning	Setting range : 8.0 v~13.0 v
● Effective temperature range	-10~60 °C
● Water-Proof Standard	JIS D 0203
● Meter size	L57.2 X W29.0 X H9.8 mm
● Meter weight	About 26.0 g

NOTE Design and specifications are subject to change without notice!

4-1 Starting Procedures Instruction



● Starting animation.



● Back to temperature display screen.

NOTE Fix the starting screen at the temperature display screen.

⚠ The touch function will be locked upon starting to prevent misjudgment on rainy days.



● The voltage display screen will show at starting, touch once to go to the temperature display screen.

NOTE The voltage will be displayed for 10 seconds at starting.

NOTE Press the touch range to skip the voltage display.

4-2 Touch Lock Function Instruction



- The touch function will be locked at starting to prevent misjudgment on rainy days.
- When locked: (1) without touch, the decimal point at the end will light up.
(2) Press and hold for 5 seconds to unlock, the screen will flash twice.
- When unlocked, the screen will automatically be locked when not used for 5 minutes.

4-3 Main Screen Procedures Instruction



● In temperature display screen, touch the screen once to go into the Max. temperature record screen.

● Touch the screen for 3 seconds to go into the settings screen.



● In voltage screen.

● Touch the screen for 3 seconds to go into the settings screen.



● In Max. temperature record screen, touch the screen once to go into the voltage screen.

● Touch the screen for 3 seconds to reset the Max. temperature record.



NOTE The unit flashes individually, representing that the current screen is Max. temperature record screen.

NOTE On the Max. temperature record screen, when the touch is automatically locked, the screen will switch to the temperature display screen.

4-4 Operation Settings Description



- When in the temperature or voltage display screen, touch for three seconds to enter the setting screen.



- In the unit setting menu.
- Touch the screen for 3 seconds to enter the temperature unit setting.



- To set temperature unit to °F.
- Touch the screen once, to choose the setting unit.

NOTE Setting range :
°C (Celsius) and °F (Fahrenheit)
Default value : °C (Celsius)



- To Set temperature unit from °C (Celsius) to °F (Fahrenheit).
- Touch the screen for 3 seconds to go back to the settings menu.



- In the unit setting menu.
- Touch the screen once to enter next operation setting.



- In the overheating warning setting menu.
- Touch the screen for 3 seconds to enter the overheating warning setting.



- To set overheat warning value to 120 °C.
- Touch the screen for 3 seconds to move to the digit you want to set.
- Touch the screen once to choose the setting number.

NOTE Cursor's order :
hundred → ten → digit

NOTE Setting range : 50 ~ 120 °C (122 ~ 248 °F)
Default value : 100 °C (212 °F)



- To Set overheat warning value from 100 °C to 120 °C.
- Touch the screen for 3 seconds to go back to the settings menu.



- In the overheat warning setting menu.
- Touch the screen once to enter next operation setting.



- In the low voltage warning setting menu.
- Touch the screen for 3 seconds to enter the low voltage warning setting.



- To set low voltage warning value to DC 11.0 V.
- Touch the screen for 3 seconds to move to the digit you want to set.
- Touch the screen once to choose the setting number.

NOTE Cursor's order :
ten → digit → decimal

NOTE Setting range : 8.0 ~ 13.0 V
Default value : 11.5 V



- EX : Set low voltage warning value from DC 11.5 V to DC 11.0 V.
- Touch the screen for 3 seconds to go back to the settings menu.



- In the low voltage warning setting menu.
- Touch the screen once to enter next operation setting.











- Leave the setting menu.
- Touch the screen for 3 seconds to go back to the settings menu.



- In the temperature or voltage display screen.

4-5 Warning Display Instruction

Overheat		Low voltage		Overheat+Low voltage
				
Flash on the temperature display screen.	On the voltage display screen, the temperature flashes 10 times every 5 seconds.	On the temperature display screen, the voltage flashes 10 times every 5 seconds.	Flash on the voltage display screen.	Flashes between the temperature or voltage display screen.
↑↓		↑↓		↑↓
				
●Flash ten times.		●Flash ten times.		

5 Trouble Shooting

The following situation does not necessary indicate malfunction of the device. Please check the following points, before taking it in for maintenance.

Trouble	Check item	Trouble	Check item
The meter doesn't work when the power is on.	<ul style="list-style-type: none"> ●There might be no power supply →Make sure the wires are connected. →Make sure the positive/negative poles are properly connected. →Battery malfunction or battery voltage lower than 11.5V. →Check the wires of product and device. 	Temperature does not display or display error.	<ul style="list-style-type: none"> ●There might be a poor connection in the harness. →Make sure the wires are connected correctly.
The meter doesn't display or display error.	<ul style="list-style-type: none"> ● Maybe poor connection of the sensor. →Please make sure the sensor is connected correctly. 	The touch does not react.	<ul style="list-style-type: none"> ● The bad induction may be due to fluids or other matters on the touch range. → Wipe the touch range clean before use. ● The bad induction may be due to using gloves. → Take off gloves before use.

※ If you can't resolve the problems according to the steps above, please contact your local distributor.