

• Thank you for purchasing our product. This product is a multifunction meter and is easy to install. Before using, please read the instructions carefully and retain them for future reference.

**⚠ Attention!**

- For installation, please follow the steps described. Any damage caused by wrong installation shall be imputed to the users.
- To avoid a short circuit from occurring do not pull or modify the wires during installation.
- Do not disassemble or change any parts. Opening and dissassembling this unit will void any warranty.
- Maintenance and repairs should be executed by our professionals only.

• Symbol description:

**NOTE**

⚠ 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 others.

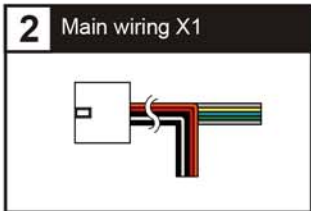


FLASH



LIGHT ON

**1 Accessories**



**NOTE** Contact your local distributor if the items received are not the same as the items listed above.

**2-1 Overview**

**Odometer**

- Display range : 0 ~ 99,999.9 mile return to zero upon exceed
- Display unit : 0.1 mile

**Distance meter A,B**

- Display range : 0 ~ 999.9 mile return to zero upon exceed
- Display unit : 0.1 mile

**Voltmeter**

- Display range : 8.0 ~ 18.0 V
- Display unit : 0.1 V

**Speedometer**

- Display range : 0 ~ 120 MPH
- Display unit : 1 MPH

**Indicator**

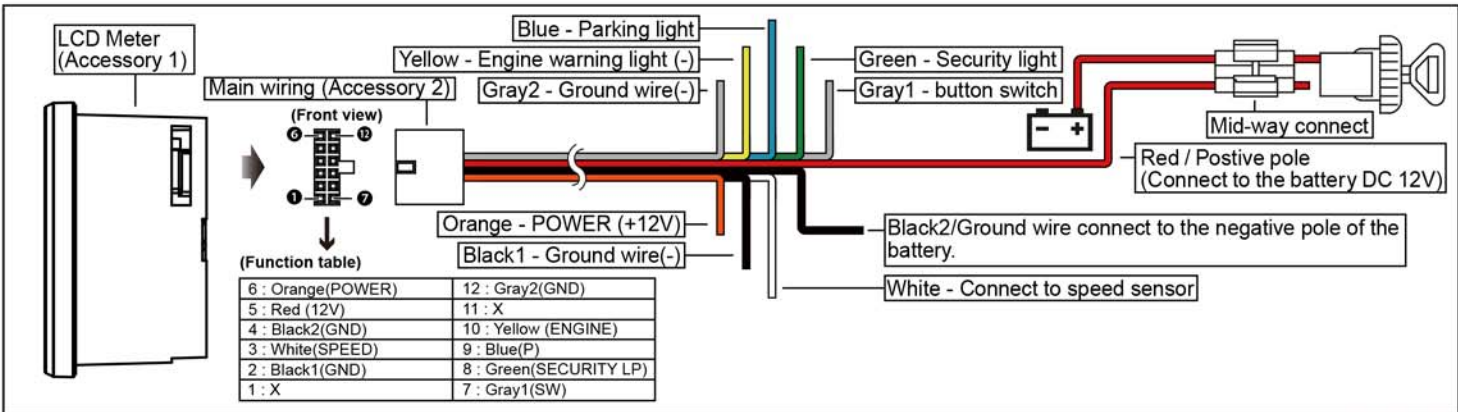
- Engine warning light
- Security light
- Parking light P

**2-2 Features And Settings Description**

•Speedometer	Display range : 0 ~ 120 MPH Display unit : 1 MPH	•Low voltage warning	Setting range : 8.0 ~ 13.0 V , when setting value is reach or below, warning light will lit. Setting unit : 0.1 V
•Odometer	Display range : 0 ~ 99,999.9 mile return to zero upon exceed Display unit : 0.1 mile	•Backlight color	White
•Distance meter A,B	Display range : 0 ~ 999.9 mile return to zero upon exceed Display unit : 0.1 mile	•Operating voltage	DC 12 V
•Automatic Wheel Diameter Learning	Setting range : The user shall ride1 mile for learning.	•Temperature range	-10 ~ +60 °C
•Manual Wheel Diameter	Setting range : 3,000~99,999 Setting unit : 1	•Specifications	JIS D 0203 (S2)
•Voltmeter	Display range : 8.0 ~ 18.0 V Display unit : 0.1 V	•Meter Size	D 94.7 X 55.8 mm
		•Meter Weight	Around 156.5 grams
		•Indication light	Engine warning light (Red) Security light (Red) Parking light (Red) P

**NOTE** Design and specification may change without further notice.

**2-3 Wiring Installation Instructions**



- Thank you for purchasing our product. This product is a multifunction meter and is easy to install. Before using, please read the instructions carefully and retain them for future reference.

## ⚠ Attention!

- For installation, please follow the steps described. Any damage caused by wrong installation shall be imputed to the users.
- To avoid a short circuit from occurring do not pull or modify the wires during installation.
- Do not disassemble or change any parts. Opening and disassembling this unit will void any warranty.
- Maintenance and repairs should be executed by our professionals only.

• Symbol description:

## NOTE

⚠ 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 others.



FLASH



LIGHT ON

## 1 Accessories

### 1 LCD Meter X1



**NOTE** Contact your local distributor if the items received are not the same as the items listed above.

## 2-1 Overview

### Odometer

- Display range : 0 ~ 99,999.9 mile return to zero upon exceed
- Display unit : 0.1 mile

### Distance meter A,B

- Display range : 0 ~ 999.9 mile return to zero upon exceed
- Display unit : 0.1 mile

### Voltmeter

- Display range : 8.0 ~ 18.0 V
- Display unit : 0.1 V



### Speedometer

- Display range : 0 ~ 120 MPH
- Display unit : 1 MPH

### Indicator

- Engine warning light • Parking light P
- Security light

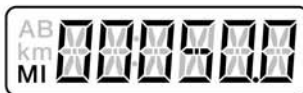
## 2-2 Features And Settings Description

• Speedometer	Display range : 0 ~ 120 MPH Display unit : 1 MPH	○ Low voltage warning	Setting range : 8.0 ~ 13.0 V , when setting value is reach or below, warning light will lit. Setting unit : 0.1 V
• Odometer	Display range : 0 ~ 99,999.9 mile return to zero upon exceed Display unit : 0.1 mile	• Backlight color	White
• Distance meter A,B	Display range : 0 ~ 999.9 mile return to zero upon exceed Display unit : 0.1 mile	• Operating voltage	DC 12 V
• Automatic Wheel Diameter Learning	Setting range : The user shall ride 1 mile for learning.	• Temperature range	-10 ~ +60 °C
○ Manual Wheel Diameter	Setting range : 3,000~99,999 Setting unit : 1	• Specifications	JIS D 0203 (S2)
• Voltmeter	Display range : 8.0 ~ 18.0 V Display unit : 0.1 V	• Meter Size	D 94.7 X 55.8 mm
		• Meter Weight	Around 156.5 grams
		• Indication light	Engine warning light (Red) Security light (Red) Parking light (Red) P

**NOTE** Design and specification may change without further notice.



## 2-3 Main Menu Functions



- In the total millage screen, press the **button once** to switch to Trip A screen.
- Hold the **button for 3 seconds** to enter into the setting screen. Please refer to **3** Setting.



- Trip A screen, press the **button once** to switch to Trip B screen.
- Hold the **button for 3 seconds** to clear the Trip A recordings.



- Trip B screen, press the **button once** to switch to Voltage screen.
- Hold the **button for 3 seconds** to clear the Trip B recordings.



- Voltage screen, press the **button once** to return to total millage screen.



- The total millage screen.

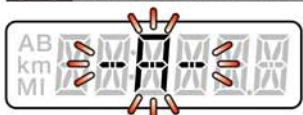
## 3 Settings And Features Index Screen



- In the total millage screen, hold the **button for 3 seconds** to enter into the setting screen.



### 3-1 Automatic Wheel Diameter Learning Setting



- In the automatic wheel diameter learning settings main screen, hold the **button for 3 seconds** to enter into the sub settings screen.



- Upon interlaced go/ready display, start riding the motorbike.

**NOTE** Setting range : The user shall ride 1 mile for learning.

**NOTE** To drop learning, short-press the button to return to the automatic wheel diameter learning settings main screen.



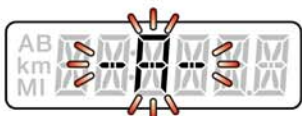
- The display value would increase with the movement of the vehicle.
- When the vehicle has traveled to a distance of 1 mile, hold the **button for three seconds** to complete the process.

**NOTE** To drop learning, short-press the button to return to the automatic wheel diameter learning settings main screen.



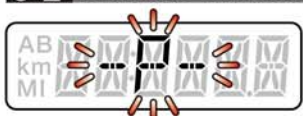
- The screen of learning completion, and about to return to the automatic wheel diameter learning settings main screen.

- When **SHORT** is displayed, the value detected is insufficient, lower than the setting scope. The screen will return to the automatic wheel diameter learning settings main screen.



- The automatic wheel diameter learning settings main screen.

### 3-2 Manual Wheel Diameter Setting

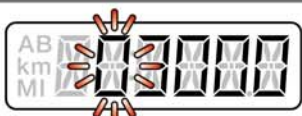


- In the Manual wheel diameter settings main screen, hold the **button for 3 seconds** to enter into the sub settings screen.



- Example : Set the signal number for 1 mile as 10,000.

**NOTE** Setting range : 3,000~99,999.  
Setting unit : 1.  
Default value : 3,000.



- Hold the **button for 3 seconds** to move the cursor to the desired settings level.



- Press the **button once** to select desired setting value.



AB km MI 00000

- EX : The signal number for 1 mile is set from 3,000 to 10,000.
- Hold the **button** for **three seconds** to complete the process.

AB km MI 00000

- The screen of learning completion, and about to return to the Manual wheel diameter settings main screen.
- When **SHORE** is displayed, the value detected is insufficient, lower than the setting scope. The screen will return to the Manual wheel diameter settings main screen.

AB km MI 02500 → SHORE → 00000

AB km MI 00000

- The Manual wheel diameter settings main screen.

### 3-3 Low Voltage Warning Setting

AB km MI 00000

- In the low voltage warning settings main screen, hold the **button** for **3 seconds** to enter into the sub settings screen.

AB km MI 00000

- Example : To set low voltage warning value to DC 12.0 V.

**NOTE** Setting range : DC 8.0~13.0 V.  
Setting unit : 0.1V.  
Default value : DC 11.5 V.

AB km MI 00000

- Hold the **button** for **3 seconds** to move the cursor to the desired settings level.

VOL 11.5 → VOL 12.0 → VOL 11.5

VOL 11.5 → VOL 12.0 → VOL 11.5

- Press the **button** once to select desired setting value.

AB km MI 00000

- EX : To set the low voltage warning value from DC 11.5 V to DC 12.0 V.
- Hold the **button** for **3 seconds** to go back the low voltage warning settings main screen.

AB km MI 00000

- The low voltage warning settings main screen.

### 3-4 Total Internal And External Millage Settings

AB km MI 00000

- In the total millage settings main screen, hold the **button** for **3 seconds** to enter into the sub settings screen.

AB km MI 00000 → 50000

**3-4-1** **Current total internal millage**

AB km MI 00000

- Example : Current total internal millage display is 50.0 mile.
- Press the **button** once to enter into the total external millage settings screen.

AB km MI 000500 → 50000

⚠ User unable to adjust or remove total internal millage.

**NOTE** Display range : 0~99,999.9 mile.

AB km MI 00000

- EX : To set the total external millage from 0 to 50,000.0 mile.
- Hold the **button** for **3 seconds** to go back the total external millage screen.

AB km MI 00000

- Total external millage screen, press the **button** once to go to the end screen.

AB km MI 00000

- The end screen.

**3-4-2** **Total external millage**

AB km MI 00000

- Hold the **button** for **3 seconds** to move the cursor to the desired settings level.

000000 → 600000 → 000000

- Press the **button** once to select desired setting value.

000000 → 000000 → 000000

⚠ Setting range : 0~99,999.9 mile.

## 4 Trouble Shooting

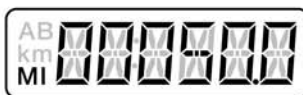
The following situation does not indicate malfunction of the meter. Please check the following points, before taking it in for repairs.

Trouble	Check item
The meter doesn't work when the power is on.	<ul style="list-style-type: none"> <li>• The power doesn't supply to the meter.</li> <li>→ Please make sure the wiring is connected. The wiring and fuse are not broken.</li> <li>→ The battery is broken or the battery is too old to supply enough power DC 12V to make the meter work.</li> </ul>

※ If the problems persist after viewing the steps above, please contact your local distributors.



## 2-4 Main Menu Functions



- In the total millage screen, press the **button once** to switch to Trip A screen.
- Hold the **button for 3 seconds** to enter into the setting screen. Please refer to **3** Setting.



- Trip A screen, press the **button once** to switch to Trip B screen.
- Hold the **button for 3 seconds** to clear the Trip A recordings.



- Trip B screen, press the **button once** to switch to Voltage screen.
- Hold the **button for 3 seconds** to clear the Trip B recordings.

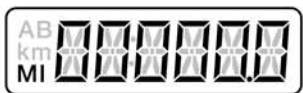


- Voltage screen, press the **button once** to return to total millage screen.



- The total millage screen.

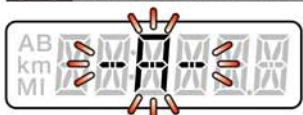
## 3 Settings And Features Index Screen



- In the total millage screen, hold the **button for 3 seconds** to enter into the setting screen.



### 3-1 Automatic Wheel Diameter Learning Setting



- In the automatic wheel diameter learning settings main screen, hold the **button for 3 seconds** to enter into the sub settings screen.



- Upon interlaced go/ready display, start riding the motorbike.

**NOTE** Setting range : The user shall ride 1 mile for learning.

**NOTE** To drop learning, short-press the button to return to the automatic wheel diameter learning settings main screen.



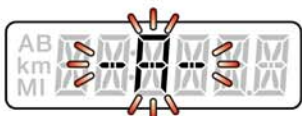
- The display value would increase with the movement of the vehicle.
- When the vehicle has traveled to a distance of 1 mile, hold the **button for three seconds** to complete the process.

**NOTE** To drop learning, short-press the button to return to the automatic wheel diameter learning settings main screen.



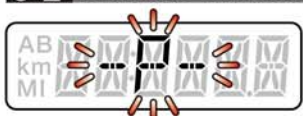
- The screen of learning completion, and about to return to the automatic wheel diameter learning settings main screen.

- When **SHORT** is displayed, the value detected is insufficient, lower than the setting scope. The screen will return to the automatic wheel diameter learning settings main screen.



- The automatic wheel diameter learning settings main screen.

### 3-2 Manual Wheel Diameter Setting

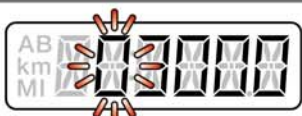


- In the Manual wheel diameter settings main screen, hold the **button for 3 seconds** to enter into the sub settings screen.



- Example : Set the signal number for 1 mile as 10,000.

**NOTE** Setting range : 3,000~99,999.  
Setting unit : 1.  
Default value : 3,000.

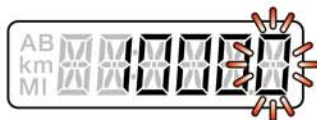


- Hold the **button for 3 seconds** to move the cursor to the desired settings level.



- Press the **button once** to select desired setting value.

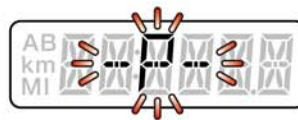




- EX : The signal number for 1 mile is set from 3,000 to 10,000.
- Hold the **button** for three seconds to complete the process.



- The screen of learning completion, and about to return to the Manual wheel diameter settings main screen.
- When **SHORE** is displayed, the value detected is insufficient, lower than the setting scope. The screen will return to the Manual wheel diameter settings main screen.



- The Manual wheel diameter settings main screen.

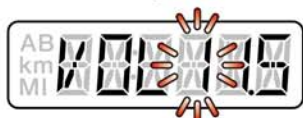
### 3-3 Low Voltage Warning Setting



- In the low voltage warning settings main screen, hold the **button** for 3 seconds to enter into the sub settings screen.



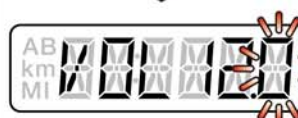
- Example : To set low voltage warning value to DC 12.0 V.
- NOTE** Setting range : DC 8.0~13.0 V.  
Setting unit : 0.1V.  
Default value : DC 11.5 V.



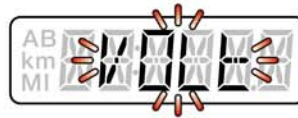
- Hold the **button** for 3 seconds to move the cursor to the desired settings level.



- Press the **button** once to select desired setting value.

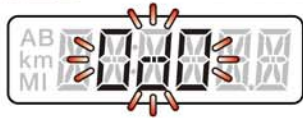


- EX : To set the low voltage warning value from DC 11.5 V to DC 12.0 V.
- Hold the **button** for 3 seconds to go back the low voltage warning settings main screen.

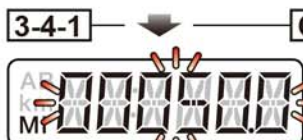


- The low voltage warning settings main screen.

### 3-4 Total Internal And External Millage Settings



- In the total millage settings main screen, hold the **button** for 3 seconds to enter into the sub settings screen.

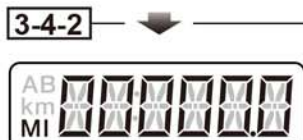


- Example : Current total internal millage display is 50.0 mile.
- Press the **button** once to enter into the total external millage settings screen.



- ⚠ User unable to adjust or remove total internal millage.

**NOTE** Display range : 0~99,999.9 mile.



#### 3-4-1 Current total internal millage

- Hold the **button** for 3 seconds to move the cursor to the desired settings level.



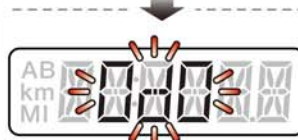
- Press the **button** once to select desired setting value.



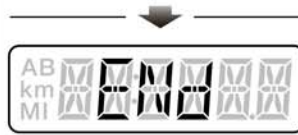
⚠ Setting range : 0~99,999.9 mile.



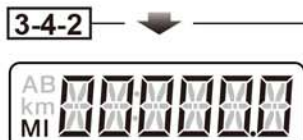
- EX : To set the total external millage from 0 to 50,000.0 mile.
- Hold the **button** for 3 seconds to go back the total external millage screen.



- Total external millage screen, press the **button** once to go to the end screen.



- The end screen.



#### 3-4-2 Total external millage

- Hold the **button** for 3 seconds to move the cursor to the desired settings level.



- Press the **button** once to select desired setting value.



⚠ Setting range : 0~99,999.9 mile.

## 4 Trouble Shooting

The following situation does not indicate malfunction of the meter. Please check the following points, before taking it in for repairs.

Trouble	Check item
The meter doesn't work when the power is on.	<ul style="list-style-type: none"> <li>• The power doesn't supply to the meter.               <ul style="list-style-type: none"> <li>→ Please make sure the wiring is connected. The wiring and fuse are not broken.</li> <li>→ The battery is broken or the battery is too old to supply enough power DC 12V to make the meter work.</li> </ul> </li> </ul>
The pilot lamp shows nothing or shows error.	<ul style="list-style-type: none"> <li>• Wirings for the connector may be poorly installed.               <ul style="list-style-type: none"> <li>→ Please confirm whether the wirings for the connector are properly installed and whether the wirings are connected.</li> </ul> </li> </ul>

※ If the problems persist after viewing the steps above, please contact your local distributors.