



THANK YOU FOR PURCHASING **MINI LCD METER**. LED NIGHT-BACK-LIGHTED, MULTI-FUNCTION IN ONE. EASY-WIRING. CLEAR-CONTROLLING AND EASY-USING.

## NOTICE

1. THE LCD METER POWER IS BY BATTERY.
2. FOR INSTALLATION, PLEASE FOLLOW THE STEPS DESCRIBED IN MANUAL. ANY DAMAGE CAUSED BY WRONG INSTALLATION SHALL BE IMPUTED TO THE USERS.
3. DON'T BREAK OR MODIFY THE WIRE TERMINAL. TO AVOID THE SHORT CIRCUIT, PLEASE DON'T PULL THE WIRE WHEN INSTALLING.
4. DO NOT DISASSEMBLE OR CHANGE ANY PARTS EXCLUDING THE MANUAL DESCRIPTION.
5. THE INTERIOR EXAMINATION OR MAINTENANCE SHOULD BE EXECUTED BY OUR PROFESSIONALS.

### MARK MEANING:






**NOTE** YOU COULD GET THE INSTALLATION DETAILS FROM THE INFORMATION BEHIND THE MARK.

**△** SOME PROCESSES MUST BE FOLLOWED TO AVOID THE AFFECTION CAUSED BY WRONG INSTALLATION.

**△ WARNING!** SOME PROCESSES MUST BE FOLLOWED TO AVOID DAMAGES TO YOURSELF OR THE PUBLIC.

**△ CAUTION!** SOME PROCESSES MUST BE FOLLOWED TO AVOID THE DAMAGE TO THE VEHICLE.


## 1 ACCESSORY

<p><b>1</b> LCD METER X1</p> 	<p><b>2</b> RPM WIRE SET X 1</p> 	<p><b>3</b> TEMP SENSOR WIRE SET X1</p> 	<p><b>4</b> PT1/8 WATER TEMP SENSOR X1</p> 
<p><b>5</b> VELCRO X1 SET</p> 			

**NOTE** PLEASE CONTACT US IF THE ITEMS YOU OPEN ARE NOT THE SAME, WITH THE ABOVE-LISTED ONES.


## 2 INSTRUCTION OF WIRING-INSTALLATION

**ALTERNATIVE 1**

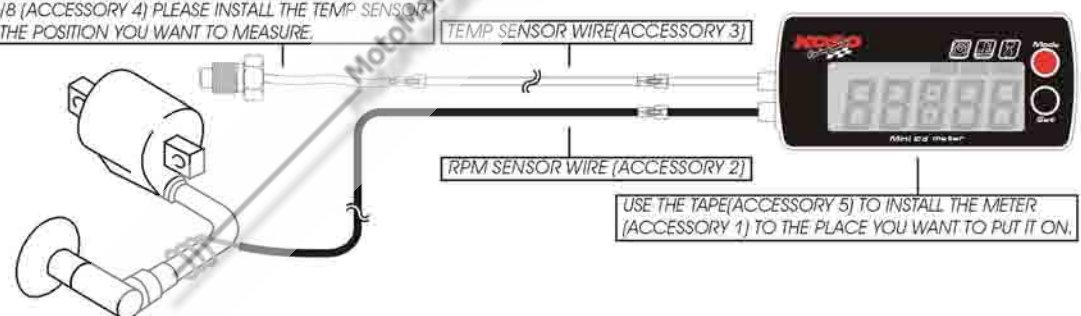


WATER TEMP SENSOR ADAPTER M14, M16, M18, M22, M26

**ALTERNATIVE 2**



CYLINDER HEAD TEMP SENSOR M10, M14mm.

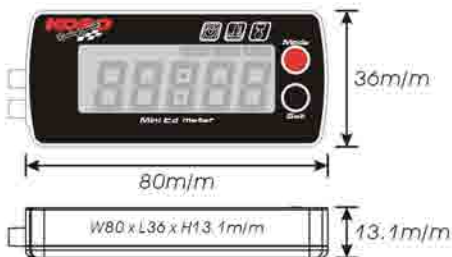


PT1/8 (ACCESSORY 4) PLEASE INSTALL THE TEMP SENSOR TO THE POSITION YOU WANT TO MEASURE.

**NOTE** WE ALSO PROVIDE DIFFENT SIZE TEMP SENSOR AND ADAPTOR M10X1.0 / M12X1.5 / M14X1.25 / M14X1.5 / M16X1.5 / M18X1.5 FOR CHOOSING.

**△ CAUTION!** JUST TIE THE RPM WIRE ON THE COIL WIRE, DO NOT CONNECT THEM! ALSO WE SUGGEST YOU TO REPLACE THE SPARK "R" IN THE MEANTIME.

## 3 SETTING INSTRUCTION.



- EFFECTIVE RPM RANGE: 0~22000RPM. DISPLAY UNIT: 100RPM.
- OVER-RPM ALERT SETTING: 0~22000RPM, ADJUSTING UNIT: 100RPM
- STROKE, PISTON SETTING: 2T-1, 2.3, 4.5, 6 PISTONS. 4T-1, 2.3, 4.5, 6, 8, 10(R), 12(C) PISTONS
- TOP RPM RECORD RANGE: 0~22000RPM, RESETABLE.
- EFFECTIVE TEMPERATURE RANGE: -50~+110°C
- CENTIGRADE(°C), FAHRENHEIT(°F) ALTERNATIVE FUNCTION
- OVER-TEMPERATURE ALERT SETTING: 0~110°C. ADJUSTING UNIT: 1°C.
- EFFECTIVE ENGINE RUN TIME RANGE: 00:00~99(H):59(M). AND THEN RESET AUTOMATICALLY. (RESETABLE)
- BATTERY TYPE: CR2032
- OPERATING TEMPERATURE: -10~+60°C
- BODY SIZE: W80 x L36 x H13.1mm

**NOTE** DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE!

### 3-1 OVER-RPM ALERT FUNCTION INSTRUCTION.



IN MAIN SCREEN, PRESS BUTTON **Mode** ONE TIME, TO ENTER THE OVER-RPM ALERT SETTING SCREEN.

**△** NOW THE RPM IS FLASHING.



EX: WE WANT TO SET IT AS 9000 RPM. PRESS BUTTON **Set** TWO TIMES, TO SELECT THE UNIT YOU WANT TO SET.

**△** NOW THE THOUSANDS UNIT IS FLASHING.



PRESS BUTTON **Mode** 9 TIME, TO SET IT AS 9.

**△** NOW THE 9 IS FLASHING.



PRESS BUTTON **Set** TWO TIMES, TO BACK THE SETTING SCREEN.

**△** NOW THE RPM IS FLASHING.



PRESS BUTTON **Mode** 7 TIMES, TO BACK THE MAIN SCREEN.

**PS.**

- WHEN THE RPM IS OVER YOUR SETTING, THE SCREEN WILL FLASH TO WARN YOU!
- OVER-RPM ALERT SETTING: 0~22000 RPM, ADJUSTING UNIT: 100RPM

### 3-2 STROKES / PISTONS SETTING INSTRUCTION.



IN MAIN SCREEN, PRESS BUTTON **Mode** TWICE TO ENTER THE STROKE SETTING SCREEN.



EX: WE WANT TO SET THE STROKE AS 4 STROKE 4 PISTON. PRESS BUTTON **Set** TO CHOOSE THE STROKE WE WANT.



PRESS BUTTON **Mode** TO ENTER THE PISTON SETTING SCREEN.



PRESS BUTTON **Set** 4 TIMES, TO CHOOSE THE PISTONS SETTING.



PRESS BUTTON **Mode** 5 TIMES, TO BACK THE MAIN SCREEN.

**PS.**

- MAKE SURE THE CORRECT STROKES AND PISTONS BEFORE SETTING.
- MAKE SURE THE INPUT IS CORRECT, OR THE RPM OUTPUT WILL BE INCORRECT.
- WE DEFINE THE ENGINE WITH THE IGNITION SYSTEM IGNITES EVERY 360 DEGREE AS 2-STROKE AND THE ENGINE WITH THE IGNITION SYSTEM IGNITES EVERY 720 DEGREE AS 4-STROKE.
- SOME 4-STROKE BIKES WITH ONE SINGLE PISTON ARE IGNITING 360 DEGREE ONCE. SO THE SETTING SHOULD BE THE SAME AS THE BIKE WITH 2-STROKE AND ONE PISTON ENGINE.

### 3-3 MAX RPM RECALL SETTING INSTRUCTION.



IN MAIN SCREEN, PRESS BUTTON **Mode** 4 TIMES TO ENTER THE MAX RPM RECALL SCREEN.

⚠ NOW THE **RPM** AND THE **RECORD** IS FLASHING.



PRESS BUTTON **Set** TO RESET THE RECORD.

**NOTE** IF YOU JUST WANT TO CHECK THE RECORD, FOLLOW THE NEXT STEP TO BACK THE MAIN SCREEN.

⚠ NOW THE **RPM** AND THE **RECORD** IS FLASHING.



PRESS BUTTON **Mode** 4 TIMES, TO BACK THE MAIN SCREEN.

**PS.**

- TOP RPM RECORD RANGE: 0~22000RPM.

**⚠ WARNING!**  
TO AVOID ANY ACCIDENTS HAPPENED, DO NOT CHECK THE RECORD WHEN RIDING.

### 3-4 THERMOMETER SETTING INSTRUCTION.



IN MAIN SCREEN, PRESS BUTTON **Mode** 5 TIMES TO ENTER THE THERMOMETER SETTING SCREEN.



PRESS BUTTON **Set** TO SWITCH FROM CENTIGRADE(°C) TO FAHRENHEIT(°F).



PRESS BUTTON **Mode** 3 TIMES, TO BACK THE MAIN SCREEN.

**PS.**

- EFFECTIVE TEMPERATURE RANGE: -50~+110°C.
- CENTIGRADE(°C), FAHRENHEIT(°F) ALTERNATIVE FUNCTION.

### 3-5 OVER-TEMPERATURE ALERT SETTING INSTRUCTION.



IN MAIN SCREEN, PRESS BUTTON **Mode** 6 TIMES TO ENTER THE OVER-TEMPERATURE ALERT SETTING SCREEN.

⚠ NOW THE **TEMP** IS FLASHING.



EX: WE WANT TO MAKE THE SETTING AS 100°C. PRESS BUTTON **Set** TO CHOOSE THE UNIT YOU WANT TO SET.

⚠ NOW THE TENTHS UNIT IS FLASHING.



PRESS BUTTON **Mode** TO MAKE THE SETTING.

⚠ NOW THE **0** IS FLASHING.



PRESS BUTTON **Set** TWICE, TO RETURN TO THE OVER-TEMPERATURE ALERT SETTING SCREEN.

⚠ NOW THE **TEMP** IS FLASHING.



PRESS BUTTON **Mode** TWICE, TO BACK THE MAIN SCREEN.

**PS.**

- WHEN THE TEMPERATURE IS OVER YOUR SETTING, THE SCREEN WILL FLASH TO WARN YOU!
- OVER-TEMPERATURE ALERT SETTING: 0~119°C, ADJUSTING UNIT: 1°C.

### 3-6 ENGINE RUN TIME SETTING INSTRUCTION.



IN MAIN SCREEN, PRESS BUTTON **Mode** 7 TIMES TO ENTER THE ENGINE RUN TIME SETTING SCREEN.



PRESS BUTTON **Set** TO RESET THE RECORD.

**NOTE** IF YOU JUST WANT TO CHECK THE RECORD, FOLLOW THE NEXT STEP TO BACK THE MAIN SCREEN.



PRESS BUTTON **Mode** ONE TIME, TO BACK THE MAIN SCREEN.

**PS.**

- EFFECTIVE ENGINE RUN TIME RANGE: 00:00~99(H):59(M), AND THEN RESET AUTOMATICALLY. (RESETABLE)

**⚠ WARNING!**  
TO AVOID ANY ACCIDENTS HAPPENED, DO NOT CHECK THE RECORD WHEN RIDING.