

3-1 Basic function instruction

Tachometer
● Display range: 0~10,000 RPM



Shift light
● Setting range: 0~10,000 RPM
● Setting unit: 500 RPM
● Warning: Light on, Flash

3-2 Functions

● Tachometer	Display range: 0~10,000 RPM	○ Warning	Light on Flash
○ Display internal	<0.5 second	● Effective voltage	DC 9~12 V
○ The RPM input signal number setting	Setting range 0.5, 1~6	● Effective temperature range	-10~+60°C
○ The RPM input pulse	Setting range: Hi (positive wave pulse) Lo (negative wave pulse)	● Meter standard	JIS D 0203 S2
● Backlight brightness Right	Setting range: 5 different levels available. Setting unit: Each level represents 20 %	● Meter size	120 X 68.5 X 44.1 mm
○ The shift light	Setting range: 0~10,000 RPM Setting unit: 500 RPM	● Meter weight	Around 127.3 g

NOTE Design and specifications are subject to change without notice.

3-3 Main function instruction (operating mode)



● In operating mode. Press the Select button once to enter the maximum RPM recorded.



● Hold the Adjust button for 3 seconds to reset maximum RPM recorded.

3-4 Setting screen instruction



1. Piston number setting 2. Signal type setting 3. Backlight brightness setting

4. Shift light setting 5. Shift light warning setting

Back to piston setting.

⚠ The screen will return automatically to the operating mode after 10 seconds if no buttons has been pressed.

NOTE In the Setting Mode, press the Select button for 3 seconds to enter the operating mode.

4 Entering setting mode

● In the Operating Mode, hold the Select & Adjust button for 3 seconds to enter the Setting Mode.



4-1 Piston number setting

● Press the Adjust button to change the value.

Note Setting range: 0.5, 1~6.



Setting Value	2 Strokes Setting	4 Strokes Setting	RPM per spark
0.5	—	1 pist.	2 RPM signals per 1 spark.
1	1 pist.	2 pist.	1 RPM signal per 1 spark.
1.5	—	3 pist.	2 RPM signals per 3 sparks.
2	2 pist.	4 pist.	1 RPM signal per 2 sparks.
2.5	—	5 pist.	2 RPM signals per 5 sparks.
3	3 pist.	6 pist.	1 RPM signal per 3 sparks.
4	4 pist.	8 pist.	1 RPM signal per 4 sparks.
5	—	10 pist.	2 RPM signals per 10 sparks.
6	6 pist.	12 pist.	1 RPM signal per 6 sparks.

CAUTION! Some 4 strokes engines with one piston are igniting every 360 degree. To get the proper RPM, the setting should be the same as a 2 strokes engine with one piston.

● Press the Select button once to enter the Signal type setting.

4-2 Signal type setting

● Press the Adjust button to change the value. 1=Hi, 0=Lo

Note We define the RPM input pulse as Hi (positive pulse) & Lo (negative pulse).

Note If the RPM displayed on the meter is incorrect, choose another setting and try it again.



● Press the Select button once to enter the backlight brightness setting.

4-3 Backlight brightness setting

● Press the Adjust button to change the value.

Note Setting range: 1-5 (Darkest) ~ 5-5 (Brightest), 5 different levels available. Setting unit: 20% per level. The backlight brightness will change immediately after you set the value.



● Press the Select button once to enter the shiftlight setting.

4-4 Shift light setting

● Press the Adjust button to change the value.

Note Setting range: 0~10,000 RPM
Setting unit: 500 RPM



● Press the Select button once to enter the shift light warning setting.

4-5 Shift light warning setting

● Press the Adjust button to change the value.

☀ Light on ☀ Flash



● Press the Select button for 3 seconds to enter the Operating Mode.

