



● Thank you for purchasing our product. Before operating this unit, please read carefully the instruction sheet and retain it for future reference.

⚠ Notice

- Please, follow the step-by-step instructions for proper installation. Any damages caused by faulty installation shall be imputed to the users.
- To avoid a short circuit, do not pull the wires when installing the unit. Do not break or modify the wires either.
- Do not disassemble or change any parts.
- Maintenance and repairs should be executed by our professionals only.

⊙ 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.



FLASH



LIGHT ON

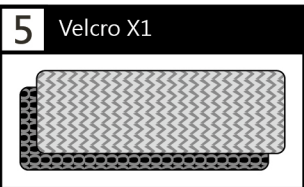
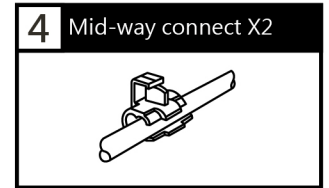
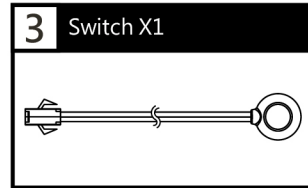
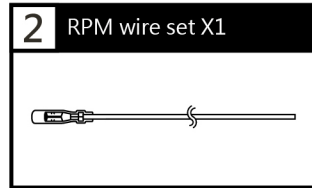


PRESS THE
BUTTON
ONCE



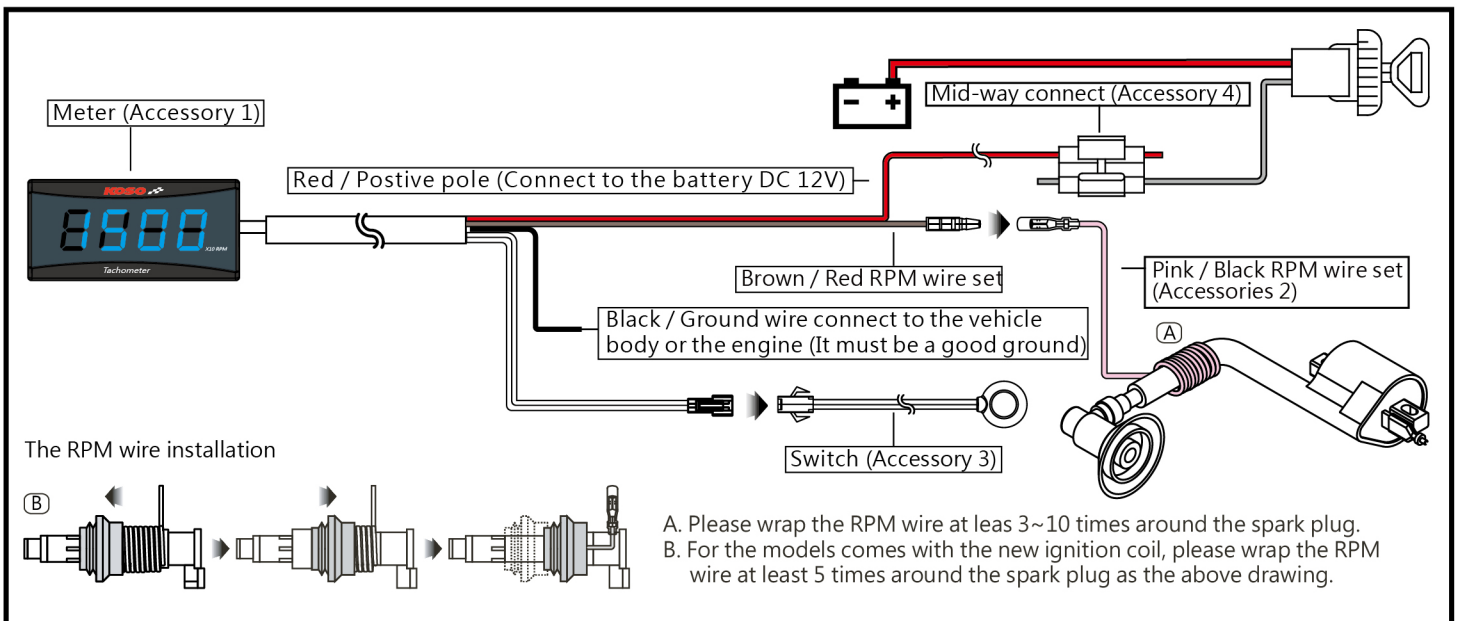
PRESS THE
BUTTON 3
SECONDS

1 Accessories

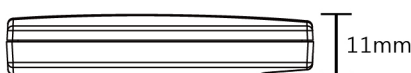


NOTE Contact your local distributor, if the items received in the box are not the same as the items listed above.

2 Wiring installation instructions



3 Instruction of function



- Tachometer Display range : 0 ~ 20,000 RPM
- RPM input pulse Setting range : 0.5 · 1 ~ 6
- Tachometer warning Setting range : 5,000 ~ 20,000 RPM
- Setting range : 100 RPM
- Supply voltage DC 8 ~ 18 V
- Effective temperature range -10 ~ 60 °C
- Meter standard JIS D 0203
- Meter size 56.4 X 27 X 11mm
- Meter weight About 38.5 g

NOTE Design and specifications are subject to change without notice!

4 Setting screen instruction



- In main screen, press the **button once** to enter the Max. record screen.



- In Max. record screen, press the **button once** to enter the RPM screen.
- Press the **button for 3 seconds** to reset the Max. record.



- RPM screen.

5 Entering setting mode



- In main screen, press and hold the **button for 3 seconds** to enter the setting screen.

NOTE The main screen-The meter will turn off automatically if you don't press the button and there is no signal input for 30 seconds.

5-1 Piston number setting



- EX. You want to set the piston number setting to 2.
- Press the **button** to change the settings.

⚠ Now the default is flashing.

NOTE Setting rang : 0.5、1 ~ 6
Default : 1

Setting value	The corresponding stroke and pistons number.	The corresponding RPM signal number per ignition.
0.5	4C-1P	2 RPM signal per 1 ignition
1	2C-1P 4C-2P	1 RPM signal per 1 ignition
1.5	4C-3P	2 RPM signal per 3 ignition
2	2C-2P 4C-4P	1 RPM signal per 2 ignition
2.5	4C-5P	2 RPM signal per 4 ignition
3	2C-3P 4C-6P	1 RPM signal per 3 ignition
4	2C-4P 4C-8P	1 RPM signal per 4 ignition
5	4C-10P	1 RPM signal per 5 ignition
6	2C-6P 4C-12P	1 RPM signal per 6 ignition



- EX. The ignition angle setting is changed from 1 to 2.
- Press and hold the **button for 3 seconds** to enter the tachometer warning screen.

5-2 Shift light setting



- Press and hold the **button for 3 seconds** to move to the digit you want to set.



⚠ Now the default is flashing.

- Press the **button** to change the settings.



NOTE Setting rang : 5,000 ~ 20,000 RPM
Default : 9,000 RPM



- EX. You want to set the tachometer warning at 9,000 RPM to 9,500 RPM .
- Press and hold the **button for 3 seconds** to enter back into the main screen.



- The main screen.

6 Trouble shooting

The following situation do not indicate malfunction of the meter. Please check the following before taking it in for repair.

Trouble	Check item	Trouble	Check item
The meter doesn't work when the power is on.	<ul style="list-style-type: none"> ● The power doesn't supply to the meter. → Please make sure the wiring is connected. ● The wiring and fuse are not broken. → The battery is broken or the battery is too old to supply enough power (8 V) to make the meter work. 	Tachometer does not appear or appear incorrectly.	<ul style="list-style-type: none"> ● Please check the RPM sensor wiring is connected correctly. → Increase or decrease the number of wraps for RPM signal wire. ● Please check the spark plug is R type or not. If not, please replace the spark plug with the R type spark plug. ● Please check your setting. ● Possibility of connectors are not well connected. → Please check if the wire of connector is broken or connector is loosen. ● Possibility of connector encounter the water ingress or shorted. → Please wrap the connector with electrical tape.
The meter shows wrong information.	<ul style="list-style-type: none"> ● Check the voltage of your battery → Make sure the voltage is over DC 8 V. 	There is no action.	

※ If still can't solve the problems according to the step above, please contact with distributors or us.