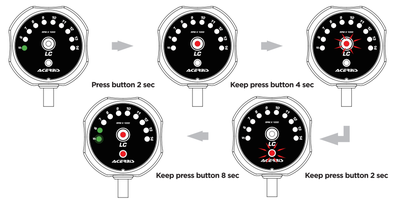
1:1

6 7 8 9 10

4. IGNITION MODE SETTING(ISTROKE SETTING)

- At "RPM display" mode, press and hold button for 16seconds until all the 12pcs LED lights turned on in sequence, it indicates the system already switched to ignition mode setting status.
- Release button, the green LED lights indicate the selectable ignition modes. Short press button to select the desired value.
- 2 flashing green LED lights stand for 4 stroke bike,1 flashing green LED light stands or 2 stroke bike, The default setting is for 4stroke bike, (Attentions: some special gasoline engine(such as 4-stroke 1-cylinder HONDA OHV gasoline) belongs to 2 stroke too.)
- After the desired ignition mode is selected, released button for 2 seconds and the desired setting is saved automatically and the system automatically switches to RPM Display mode.



5. TARGET SETTING OF LAUNCH CONTROL MODE

- At "RPM display" mode, press buttonfor 6 seconds. The central red LED"LC" will flash, indicating that the system has switched to the setting mode for the desired engine RPM threshold to reach when starting.
- Release the button, The green LED lights indicate the target engine RPM, Press button to turn the LED lights on in sequence to the desired value.
- The fixed LED indicates the effective value shown on the display (e.g,10= 10,000RPM). The flashing LED indicates 500 RPM more than the value indicated on the display (e.g, 10 = 10,500 RPM). The LED lights will turn on progressively each time when button is pressed. If the required value is exceeded, it can still be reached by continuing to press button (once the maximum value is reached, the selection restarts from 5000 RPM).
- Once the desired value is reached, release button, After 2 seconds, the LC LED light will start to flash quickly, indicating that the set threshold was stored. The system will automatically switch to the RPM display

6. SETTING OF SHIFT LIGHT

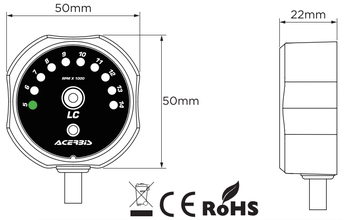
- At "RPM display" mode, press the button for 8 seconds. The red LED light located at the bottom of tachometer will flash, indicating that it has switched to the shift light setting mode.
- Release button, The green LED lights indicate the optional engine RPM, Press button to turn the LED lights on in sequence to the desired value.

- The fixed LED indicates the effective value shown on the display (E.g,10= 10,000RPM). The flashing LED indicates 500 RPM more than the value indicated on the display (e.g, 10 = 10,500 RPM). The LED lights will turn on progressively each time when button is pressed. If the required value is exceeded, it can still be reached by continuing to press the button (once the maximum value is reached, the selection restarts from 5000 RPM).
- Once the desired valueis reached, release button. After 2 seconds, the LC LED will start to flash quickly, indicating that the set threshold was stored, tachometer will automatically switch to the RPM display mode.

PARAMETERS LIST

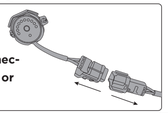
Item name	Parameters
Product name	Tachometer
RPM range	14000RPM
Ignition mode	2 Stroke / 4 Stroke with battery
Display mode	LED
External power supply	DC 8-16V
Net weight	156g
Waterproof level	IP67

PARAMETERS LIST



WARNING

To prevent battery drain, unplug the connector after each training or race session.



ACERBIS

OPERATION MANUAL

FOHDEGIR RACE REROY

YouTube

ACERBIS MOTORSPORT

ACERBIS.COM

CAUTIONS

1. Please use the product in strict accordance with the operation manual.
2. Please do not disassemble the product and its accesories by yourself.
3. This product is water resistant to some extent but it can not be used underwater. Avoid direct jets of high pressure water.
4. Violent vibration and strong impact may cause the product not to work properly.
5. The measurement error is very tiny, and the measured data is not completely the same compared with the product of the same model.
6. Never expose tachometer to temperature above 70°C /158°F.

ACCESSORIES LIST

A M5X14 Screws 2 PCS	B M5 washer 2 PCS	C M5 Lock nut 2 PCS	D M4X10 Screws 4 PCS
E M4 spring washer 4 PCS	F M4 washer 4 PCS	G M3 Screw 1 PCS	H M3 nut 1 PCS
I 3×80mm cable tie 4 PCS	L Flat rubber pad 1 PCS	M Mounting bracket 1 PCS	N User manual 1 PCS
O rubber 1 PCS			

PRODUCT INSTALLATION

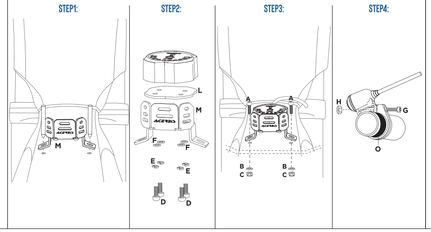
1. PRODUCT INSTALLATION

Step1: Make 2* Φ4.5mm through holes on the front fender as the fixing holes of mounting bracket (M), We suggest to place it near the front number plate, where the rider can see better the tachometer during the use.

Step2: Place rubber pad between mounting bracket (M) and back side of tachometer and use M4X10 screws (D) and M4 washers (F) and spring washers (E) to fasten them tightly.

Step3: Place mounting bracket onto the front fender, use M5X14 screws (A), M5 washers (B) and M5 lock nut (C) to fasten them tightly.

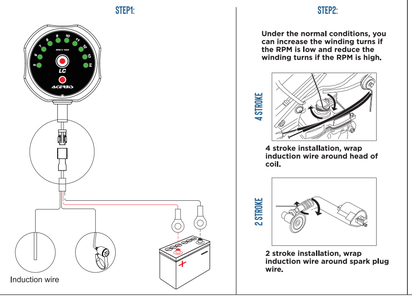
Step4: Use M3 screw (G) and M3 nut (H) to fasten button kit onto motorcycle handlebar tightly. Put the rubber (O) on the handlebar if required.



2. WIRING DIAGRAM

Step1: Connect black/red terminals of tachometer to positive pole/negative pole of power source of the bike.

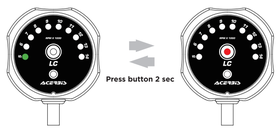
Step2: Induction wire connection: wrap the green induction wire onto the spark plug wire for 4+5 rounds and use cable tie to fasten the wire end tightly.(If the green induction wire is not fastened tightly, tachometer will detect insufficient pulse signal,as a result, the measured RPM data is inaccurate.)



PRODUCT OPERATION

1.WORKING MODE SWITCH

- Once the motorcycle has started, tachometer will perform an automatic check of operation, turning on all LED lights in sequence. Then the RPM display mode will start automatically.
- At RPM display mode or Launch control mode, press and hold button for 2 seconds to switch between RPM display mode and Launch control mode freely.
- When system is at Launch control mode and no button operation is detected, the system will switch to RPM display mode from Launch control mode automatically after 120seconds.

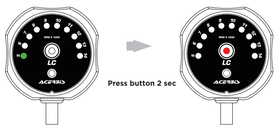


2.RPM DISPLAY MODE

- When the engine is idling, the tachometer will make the first LED flashing(the LED light near to number 5).
- When the engine RPM reaches 5000RPM, this LED light will always remain on.
- As the engine RPM increases,each LED will display the corresponding detected data(e.g,5 = 5000RPM, 6= 6000RPM,..)
- Once a specific RPM threshold is reached, all of green LED will flash.

3.LAUNCH CONTROL MODE

- At "RPM display" mode, press button for 2 seconds to switch the system to Launch Control mode, at this moment the central red"LC"LED light remains on.
- In this mode, the LED lights cycle as the engine speed increases, Once the LED lights reach the set RPM they will start flashing, this informs the rider of the correct speed to maintain to ensure a good start. If this threshold is exceeded all the LED lights will flash to inform the pilot, turn off the gas slightly to return to the optimal value.



1 2 3 4 5