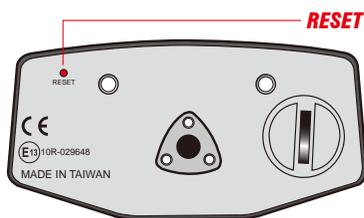


# ACEWELL® ATV/Motorcycle Computer

## ACE-1000/1100 User Manual

Thanks for bought the ATV/Motorcycle computer; this manual is designed for ACE-1000/1100 series.  
ACE-1000 does not have functions of thermometer and volt meter; \*all descriptions relative to these functions are for ACE-1100 only.



English

E 13 10R-029648

### PANEL DESCRIPTIONS

1. Tachometer Scale
2. Bar Tachometer
3. Other functions
4. Thermometer\*
5. RESET Button
6. MODE Button
7. Fuel Gauge
8. RPM Warning Indicator
9. Thermo\*/Fuel gauge warning LED

### FEATURES

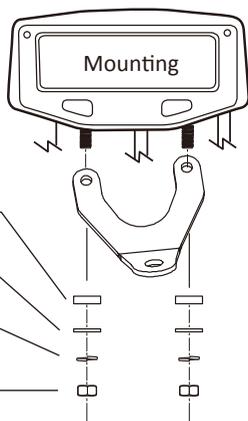
- Displays bar-graphic tachometer, digital thermometer\*, bar fuel gauge and one additional function at the same time.
- Bar-graph tachometers with selectable 10,000rpm or 20,000rpm redline.
- Two sets of maintenance reminders to remind you it is time to service your bike.
- Fuel gauge includes 100, 250 and 510 Ohm options for fuel meter input resistance, as well as "fuel gauge off" mode.
- Includes main unit, bracket, RPM sensing wire, thermo sensor\*, fitting kits and wiring harness.

### SPECIFICATIONS

Function	Simbolo	Specifications
Bar Tachomete		500-10,000 rpm 1,000-20,000rpm options
Digital Tachometer	rpm	100-19,900rpm
Digital Thermometer*		+50°C-180°C / 122°F-356°F
Maximum Thermometer*	MAX°C / °F	+50°C-180°C / 122°F-356°F
12/24 Hour Clock		0:00-11H59 / 23H59
Hour meter 1&2	RT 1&2	0-99H59'59"
Total Hour Meter	TT	0-999999H
Voltage Gauge*	V	8.0-25.0 Volt
Bar-Fuel Gauge		100Ω, 250Ω, 500Ω options or 1-7 Bar-graphic
Maintain Reminder	RT1 or RT2	1-9999 hours

Power Input	DC 12V
Tachometer Sensor	CDI or Ignition Coil Signal
Temperature Sensor*	Thermo Sensor
Power Consumption	50uA at clock mode 1mA at on status without backlight 15mA at on status with 3 sec. backlight 25mA at on status with continue backlight
Dimensions	110.0mm x 55.0mm x 21.5 mm)

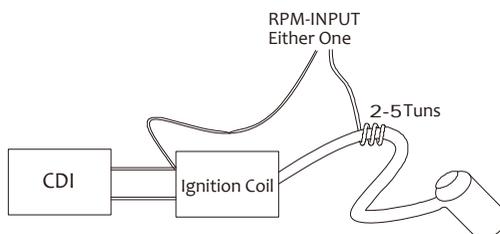
### INSTALLATION



- Rubber Pad
- Washer
- Spring Washer
- Fixing Screw Nut

### RPM sensing wire mounting:

1. Signal intensity from ignition coil is dependent on vehicle type.
2. Circles 2-5 turns around ignition coil, with more turns creating steadily stronger signal, fewer turns creating weaker signal.
3. The RPM circuit is designed for most bikes, however partial bikes' signal is too strong if the RPM looks like much more than actual RPM and unstable, please serial connect the attached 1M Ohm resistor to solve it.



### Thermo Sensor and Sensor Tube\* :

1. The unit includes a water temperature sensor; you have to purchase a suitable water pipe temperature sensor tube to install the sensor easily. It is not need to purchase sensor tube in case your bike matches PT1/8 temperature sensor and the attachment is PT1/8 sensor.
2. Cut the water pipe, insert the temperature tube into the pipe and secure it by attached pipe clamps.
3. Screw the sensor into the tube.

### FUNCTIONS

#### BAR RPM: Bar Graphic Tachometer

The bar tachometer has 10,000rpm and 20,000rpm options.

#### RPM: Digital Tachometer

1. It displays digital tachometer up to 19,900RPM.
2. Tachometer signal can pick up from either CDI or Ignition Coil Signal.

#### Shift Warning RPM

1. The function enables you to set up a shift warning RPM.
2. Shift warning LED indicator flashes when RPM reaches setting value, and stop flash after you shift gear.

#### RT 1&2: Hour Meter 1&2

1. Calculates total engine operation time from last RESET.
2. Count automatically begins with engine starting.

#### TT: Total Hour Meter

1. Calculates total engine operation time from the beginning of the computer.
2. TT data is stored in memory, and couldn't be reset.

#### : 12/24 hour Clock

It displays 12 or 24 hour current time.

#### : Digital Thermometer\*

1. The thermometer always displays on the right side of the screen.
2. It displays -L°C or -L°F when temperature is lower than 50°C or 122°F, and displays -H°C or -H°F when temperature is over 180°C or 356°F.
3. The thermometer digits and warning LED indicator flash when the thermo sensor detects temperature over the presetting warning temperature.



# Clock, RPM, Temperature and fuel meter SET UP



RESET+  
MODE  
2 Sec



Mode

Mode 2 Sec

Mode



Maintain Reminder 2: 1~9999

↑ Mode



RESET

Clock: Hour

↓ Mode



Maintain Reminder 1: 1~9999

↑ Mode



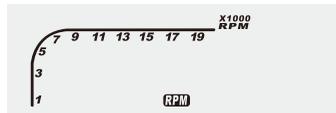
Clock: Minute

↓ Mode



Fuel Type: 100 / 250 / 510 ̄ / off

↑ Mode



RPM: 10,000 / 20,000

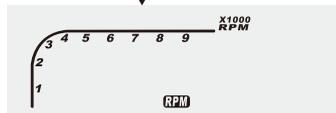
RESET

↓ Mode



Temp. Warning: 40 ~ 180°C \*

↑ Mode



RPM Warning: 1000 ~ 19,900

↓ Mode



Unit: °C / °F / off \*

Mode



Engine Signal: 0.5/1.0/2.0/3.0

Mode

Mode