

DATA RESETING AND PROGRAMMING MODES

1. Press MODE or RESET button to reach the desired screen then press RESET button for 2 seconds to reset TRIP 2, MAX SPD, MAX RPM and MAX TEMP data from stored values to zero individually. The maintain reminder data will be reset to the preset value rather than zero.
2. The data of Trip 1, AVG & RT will all be reset at the same time when one of the 3 data functions is being reset.
3. ODO, clock, HRTT and TT data cannot be reset.

Shift Warning RPM Operation

1. Press MODE or RESET button to reach the RPM screen; pull on the throttle until the desired shift warning RPM.
2. Press RESET button to confirm and set up the shift warning RPM.
3. Warning LED will flash to remind you shift gear.
4. Press RESET button for 2 seconds at the RPM screen to re-adjust the shift warning RPM.

Backlight Color Adjust:

1. Press MODE button to get to the VOLT screen when not moving; push and hold RESET button for 2 seconds to go into backlight color setting mode.
2. It displays “LED RGB and RX-GX-BX”, the X after R, G and B indicate each color of Red, Green or Blue color to be adjustable, each color has 10 levels 0, 1, 2,..9 for setting, “0” means the color is off, “9” means the color is turned on 100%.
3. Each press of the RESET button increments the flashing digit by 1, press MODE button to confirm the flashing digit setting and jump to next digit to be set. Press MODE button for 2 seconds to finish the setting and go to normal mode Trip 1.

WHEEL CIRCUMFERENCE TABLE

1. The details below have been calculated using following formula: Tire Diameter (inches) x 25.4(mm/inches) x 3.1416 = wheel circumference (in mm).
2. Identify the tire size of your ATV/Motorcycle when you need to change different tire size and key in the corresponding number shown in the following chart.

Tire outside diameter	Circumference number (mm)	Tire outside diameter	Circumference number (mm)	Tire outside diameter	Circumference number (mm)
15 inch	1197	19 inch	1516	23 inch	1835
16 inch	1277	20 inch	1596	24 inch	1915
17 inch	1357	21 inch	1676	25 inch	1995
18 inch	1436	22 inch	1756	26 inch	2075

3. These values are approximate and will differ for different brands of tyre, we would always recommend that you measure the distance travelled per revolution of the wheel in mm and enter this into the computer.
4. The computer calculates the wheel rotating length between 2 passes of the magnet; use this table to find the settings when you are using a reed sensor or an universal hall sensor with magnet to measure your speed.
5. If you are using a cable drive speed sensor then enter the number of turns of the cable per turn of the wheel into the pulses screen.
6. You can use more magnets, enter the number of magnets fitted into the pulses screen.
7. If using a sprocket tooth counter speed sensor or internal pulse gearbox speed sensor enter the number of pulses per wheel revolution into the pulses screen.

Clock, RPM, Wheel, Divider, Unit, Maintain, Thermometer, fuel meter and ODO SET UP

1. Setup operations include 12/24hour clock, maintain reminder, shift warning RPM, numbers of engine rotation per signal, wheel circumference, speed pulses, speed sensor type, temperature unit and warning, and odometer adjustment. These must be set up step by step. The computer will be automatically revert to normal mode if no button is pressed for 75 seconds at any setting screen.
2. Press both MODE & RESET buttons to go into setting mode. In setting mode, each press of the RESET button increments the flashing digit by 1 or converts units.Press MODE button to

- confirm the digit setting and jump to next digit or next setting screen to be set.Press MODE button for 2 seconds at any setting screen to finish the setting and go to normal mode.
3. It displays "12 or 24H and XX:XX:XX " symbols and AM/PM when you select 12H. Operate buttons as described in item 2 to finish clock setting and jump to maintain reminder setting.
 4. It displays “🔧, TRIP and 1000” means the reminder is based on trip meter. Follow the item 2 of button operation to finish the maintenance reminder setting and jump to shift RPM warning setting.
 5. It displays the default "RPM r06500", the digit “0” flashes. Follow the item 2 of button operation to finish the shift RPM warning setting and jump to engine specification setting.
 6. It displays "RPM SP 1r1P", the default value is 1r1P; there are 5 options: 1r1P, 1r2P, 1r4P, 2r1P, 3r1P, “r” means the numbers of engine rotation, “P” means number of signals from engine. For example the value 2r1P means the engine rotates 2 turns to output one signal.
 7. Press RESET button to move in loop sequence from one to another value of the 5 values. Press MODE button to confirm the setting and go to wheel circumference setting.
 8. In "SPD cXXXX" display, "c" means "Circumference", following 4 default digits; flashing digit is digit to be set. Follow the item 2 of button operation to finish the wheel circumference setting and jump to signal divider setting.
 9. It displays "SPD P-001", the pulses screen, the number of pulses into the computer per turn of the wheel. Follow item 2 of button operation to finish the setting and jump to speed sensor type setting.
 10. It displays HALL or rEEd, HALL type is for Acewell's unique 2 wires hall sensors only, rEEd type is for reed sensors, gear sensors and signals from ECU. A gear sensor has 3 wires and must be powered from the bike. Follow item 2 of button operation to confirm the sensor type and jump to speed unit setting screen.
 11. It displays “SPD UNIt-1 or 2”, 1 means KM/H and 2 is for MPH. Follow item 2 of button operation to finish the setting and jump to temperature unit setting.
 12. *It displays "TEMP and °C , °F or HI or oFF", each press of RESET button converts °C, °F, HI or Off, the temperature meter will disappear when you select oFF mode; press MODE button to confirm temperature setting and jump to temperature warning setting. In “HI” mode connecting the input wire to ground can flash red and green backlight and/or temperature warning LED indicator.
 13. *It displays "XXX" and the selected unit. Follow the item 2 of button operation to finish the temperature warning setting and go to odometer setting.
 14. It displays “ODO & 00000X km”, the “X” is from odometer testing in factory, follow item 2 to set a desired odometer value and jump to clock setting or return to Normal Mode. This setting screen will disappear when the odometer is over 30km (18.6Miles) or your setting is over 30km.

