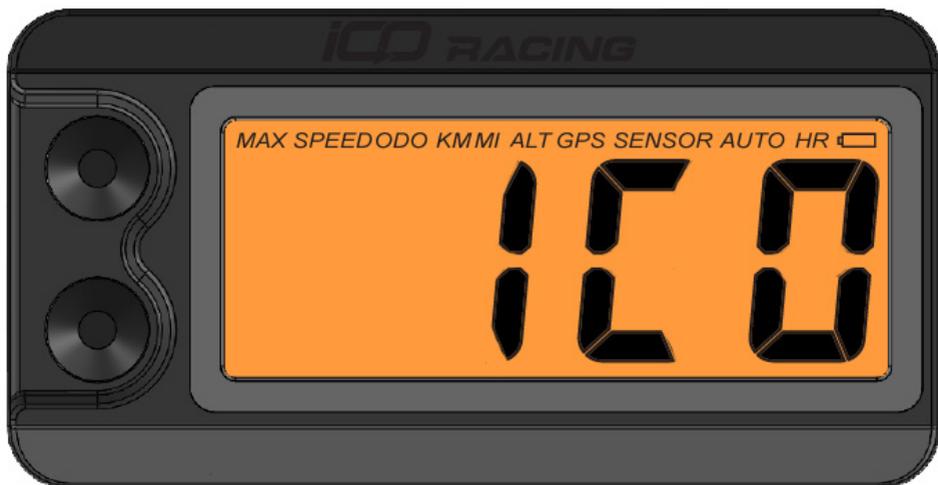


Rallye MAX



Made in USA
www.icoracing.com



Installation

Connect to 12V Battery

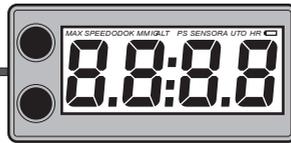


Avoid routing the wires directly against the ignition coil and spark plug wiring.

Your Rallye MAX™ is designed to use 12V power as the primary power source. Connect the RED wire to the battery's positive side and the BLACK wire to the ground. Use only robust electrical connectors. Cigarette outlets, for example, are not reliable.

There is polarity protection to prevent damage to the instrument in case the wires are reversed, but the instrument will not work if the wires are reversed. A 1-amp fuse may be added to protect your wiring and your instrument.

Thumb Switch



Wheel Sensor



12V DC power



Backup Batteries

When installed, the optional CR2032 batteries can provide up to 200 hours of backup runtime. When operating on backup batteries, the backlight is disabled to save power and the battery icon will be displayed on screen.

Installation



Gently install the batteries by pressing them into place.

Removal

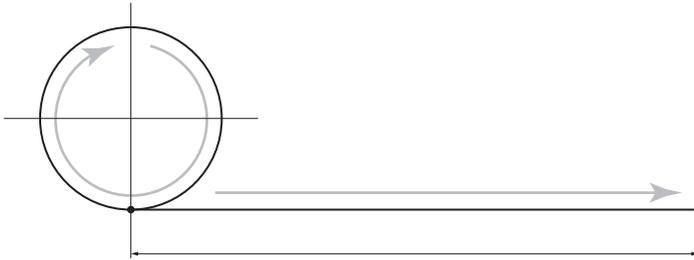
Gently press on the center tab of the battery holder to release the batteries. No tools are required, but the tip of a screwdriver may be used to gently press the tab.



Measuring Wheel Circumference

Your Rallye MAX™ instrument calculates distance travelled by using your wheel circumference and counting wheel revolutions. Your wheel circumference must be measured in centimeters (CM), regardless of the units that you choose (KM/miles).

To measure your wheel circumference, put a mark on your front tire where it touches the ground and mark the ground. Now roll the bike straight forward until the mark touches the ground again. The distance on the ground between these points is the circumference.



AutoCal™ Automatic Calibration

When following routes which have been accurately laid out using a properly calibrated odometer, your Rallye MAX™ will closely match the route distance without adjustment.

Some routes may have been created using less accurate methods. Therefore, we have included the ICO Racing™ AutoCal™ feature. This feature, enabled by default, will automatically synchronize the distance to match the route you are following.

Simply adjust the distance (bump up, bump down) as you ride, and AutoCal™ will “learn” about the error in the route. Each time an adjustment to the distance is performed, the instrument will do an automatic adjustment to more closely match the route distance.

AutoCal™ has many safeguards which prevent the instrument from making an unusual adjustment. It has been proven in many, many years of Dakar competition.

If you get lost and then return to the course and make an adjustment, the instrument will NOT make a correction. It will ignore the adjustment and continue as if you had not made the mistake.

At the start of each day's ride the instrument resets the AutoCal™ adjustment. It will use your wheel circumference until a manual distance adjustment is performed along the course. It then begins adjusting to that day's course.

Powering Off & On

To indicate the end of the stage/day/ride, explicitly turn the instrument OFF instead of simply disconnecting 12V power. AutoCal™, if enabled, is reset, as is Max Speed and the Race distance.



Since the instrument was manually shut off, it will display zero when turned on. This indicates the start of a new stage/day/ride.

Automatic Sleep

After 2 hours of no button activity or no movement, the instrument will automatically sleep.

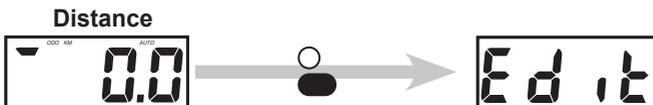
NOTE: AutoCal™ and Max Speed will not reset on sleep. The Rallye MAX™ assumes you are still on the same stage/day/ride.

NOTE: Upon turn on after an automatic sleep, the previous distance will be displayed. You may resume from that distance, or the distance can be reset.

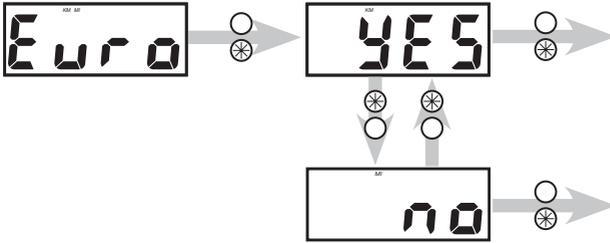
Edit Mode

When the instrument is first turned on, but before you have started your ride, a tick mark is shown in the first digit of the display to indicate that Edit mode is available.

In Edit mode you can set your instrument preferences and view the Trip and Full distances.

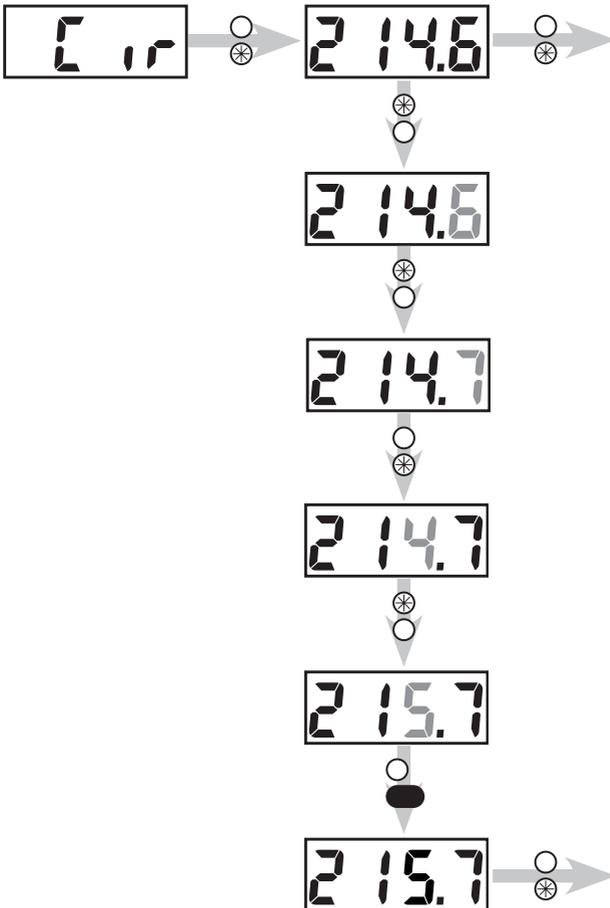


Select Units (Kilometers or Miles)



Press the down button to accept the current value.

Set Wheel Circumference (cm)

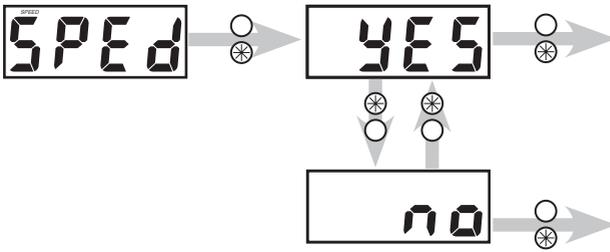


Press the down button to accept the current value.

Hold the down button to save the new circumference.

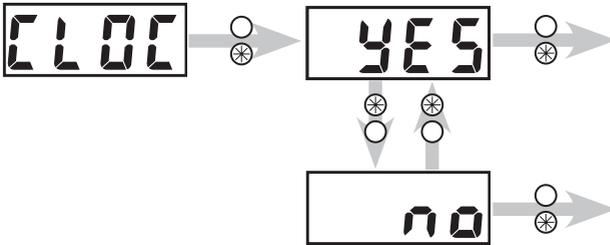
Press the down button to accept the current value.

Show Speed Mode



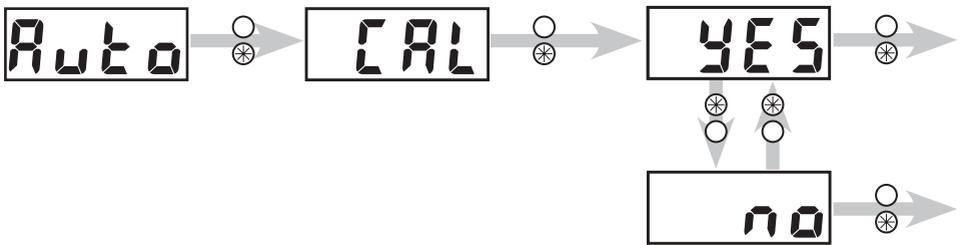
Press the down button to accept the current value.

Show Clock Mode

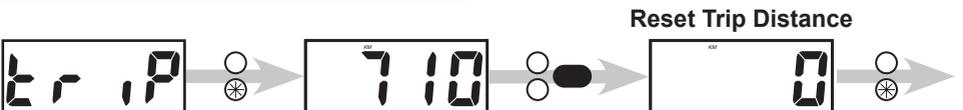


Press the down button to accept the current value.

AutoCal™ Enabled



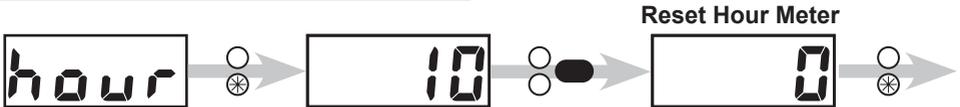
Trip Distance



Lifetime Distance



Hour Meter



Race Mode

Selecting Precision

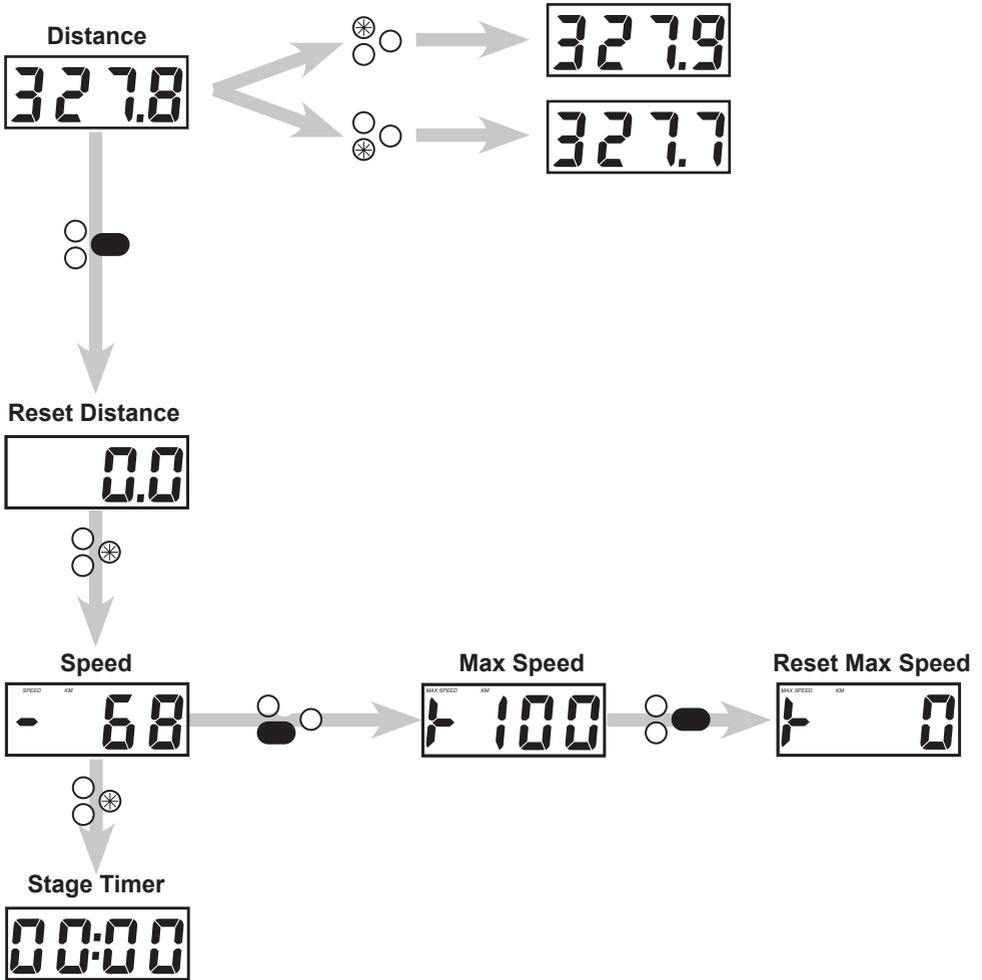


Adjustable Brightness



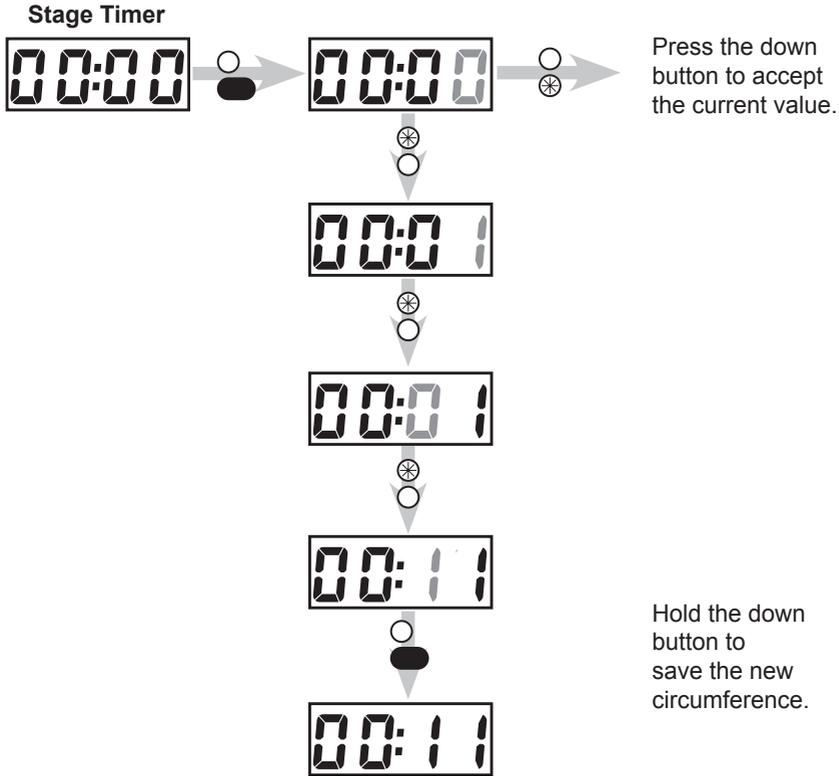
 To conserve power, the backlight is disabled when running on backup batteries.

Race Mode Summary



Setting Stage Timer

The Rallye MAX™ includes a stage timer. When you begin riding, it will start counting up from 00:00. You can also set the timer to clock time or any other time and it will accumulate time from that starting point.

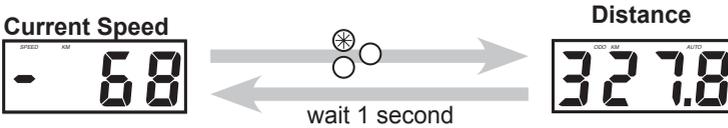


OdoPause™ Feature

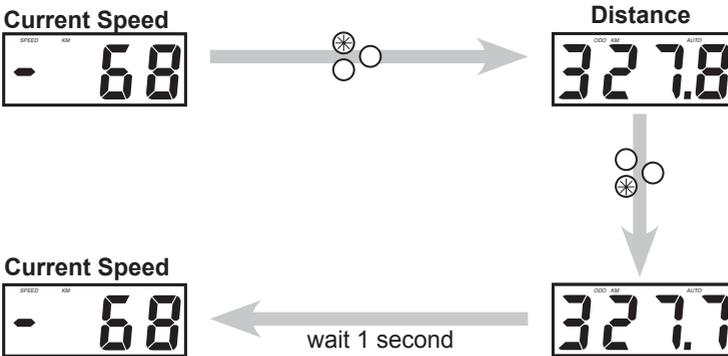
OdoPause™ makes it much easier to adjust your distance while rolling, even at high speeds. Once you begin any adjustment, your Rallye MAX™ suspends adding the roll distance accumulated while you are adjusting. You simply adjust to the exact mileage on the roadbook without worrying about how far past the marker you may have ridden since starting the adjustment. The Rallye MAX™ will add the rolling distance when you finish your adjustment.

OdoQuick™ Feature

The Rallye MAX™ has an innovative feature for quickly checking your distance while transiting a speed zone (DZ). While viewing the Speed page, you can momentarily access the distance page by bumping any top or bottom button. The display will show the distance for 1 second, then return to the speed page.



While the distance is momentarily displayed, you can also adjust it up or down. After 1 second without a button press, the display will return to the previous page.



Factory Reset

The settings you select in the Edit mode are maintained even when there is no power. If you want to restore the factory defaults, you may perform a Factory Reset.

All user settings and odometers, except the full odometer, are reset.



OFF



ESET

Hold the thumb switch mode button while powering up the instrument. Keep holding until the word "RESET" appears.

Troubleshooting

SENSOR

At slow speeds, SENSOR will appear when the magnet passes over the wheel sensor.



You are running on backup batteries. Apply 12V power. When flashing, backup batteries need replacement.

Quick Reference and Defaults

