



ENGLISH



reTrace™
LITE

INSTRUCTION MANUAL

MODEL 44850 / 44851

Know your reTrace Lite



1. Scroll Key
2. Change Settings Key
3. Power Key
4. Set Key
5. Battery Status Icon
6. Directional Arrows (360°: 16 points)
7. Digital Compass Icon
8. Waypoint Icons
 - Personal
 - Favorite
 - Attractions
 - Target
 - Parking
9. Latitude and Longitude
10. Satellite Locked Icon
11. Degree (Azimuth) Icon
12. Digital Readout (distance or compass heading)
13. Units of Measure: Yard, Mile, Meter, Kilometer

Icons Defined



Battery Icon:

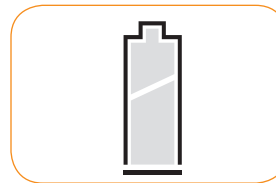
2/3 BATTERY = 2.2V~1.8V



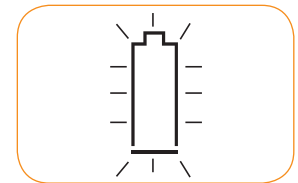
FULL BATTERY



2/3 BATTERY

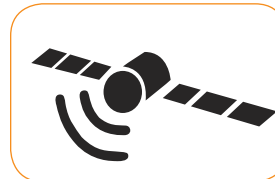


LOW BATTERY



VERY LOW BATTERY

When the battery is at 'very low' setting, the icon will blink every ½ second and will continue until you have 1 minute before the power is completely drained and the unit will turn off.



Satellite Lock Icon

When the icon is blinking, the unit is attempting to lock onto a satellite. When it stops blinking, the satellite is locked in.



Latitude and Longitude Display

If there is no satellite fix, the screen will display as a series of dashes. How to read: Top line is the Latitude reading.

If “-” precedes the numbers, it is read as South. Bottom line is Longitude reading. If “-” precedes the numbers, it is read as West.



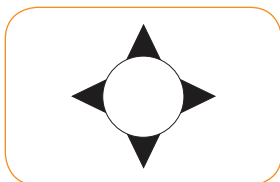
Distance & Azimuth (degrees)

Maximum distance is up to 999 miles.

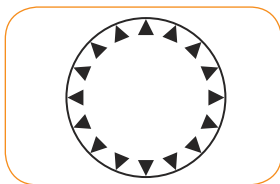


Units of Measure

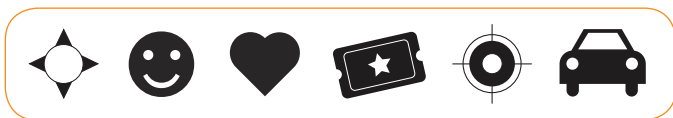
Yard, mile, meter, kilometer. To change the units of measure from English (Yards/Miles) to Metric (Meters/Kilometers), press the 'Change Settings' key while in one of the Waypoint modes (will not work in Compass mode). The units displayed will automatically switch back and forth each time you press the 'Change Settings' key. The distance will display up to 999 miles or 999 kilometers maximum, depending on your setting choice.



Compass Mode Icon



6 Way Arrow: Range: 22.5°



Waypoint Icons:

Press **SCROLL** key to change icon.

(Personal – Favorite – Attractions – Target – Parking)

How to Use

Install Batteries

Unscrew the latch on the back of your reTrace Lite to access the battery compartment. Insert two “AAA” alkaline or lithium batteries in the direction marked inside the battery compartment. Replace cover and screw down securely. Replace the batteries when the display’s “Battery” icon indicates low power.



2 AAA batteries
(not included)

Turn the unit on by pressing and holding the **POWER** key for 3 seconds (powering outdoors with a clear view of the sky will ensure good quality GPS reception).




The satellite icon will blink while your reTrace Lite locks onto the GPS signal. When the icon stops blinking, the unit is ready to use.

Compass Mode

Push the **SCROLL** key to scroll through the icons on the bottom of the screen and stop when the compass icon shows. Select the Compass mode icon by pushing the **SET** key. In Compass mode, a single direction arrow points north, and the display shows the direction you’re facing in degrees. Holding the unit flat and as parallel as possible with the ground, will help ensure you get a clear reading.



Set Waypoints

Your reTrace Lite can save up to 5 of your favorite Waypoints. While standing at a location you wish to mark and return to later, push the **SCROLL** key to scroll through the five “Location” mode icons.  (Personal/Favorite/Attractions/Target/Parking)

Select your desired Waypoint icon. For example, if you are out camping, you might use “Personal” to mark your campground, “Parking” to mark where you left your vehicle or bike and “Attractions” to mark a favorite scenic spot you want to find again later. If you like, think of the icons as five “location memory slots” that you can freely use for anything you want. To mark the location and store it in the reTrace Lite’s memory under your selected location icon, hold the SET key until the distance indication changes to “0.00”.



It does not matter which direction you face when marking the location (as a stored GPS location is just a point or “dot”). When you move away from that location, an arrow points the way back to the location (general direction relative to your current position), and the display shows your distance from the location. You may now turn your reTrace Lite off by holding down

the **POWER** key, or proceed to another location you wish to mark. Be sure to select a different location icon before marking this new spot, as holding the **SET** key with a previously used location icon selected will replace that saved Waypoint with your current location. When you’re ready to return to one of your previously marked locations, turn your reTrace Lite back on by holding the **POWER** key for 3 second. Your reTrace Lite will remember all of the Waypoints you saved. To find your way

back to a specific Waypoint, press the **SCROLL** key to select the Waypoint icon you used when you marked it earlier. Then it's as simple as moving in the direction the arrow points back towards that Waypoint. As you move closer to the saved Waypoint, the displayed distance will decrease.



When you reach your destination, a full circle of arrows will be displayed at the outer edge of the display as shown here.

Warnings and Notices

GPS Systems & Location Accuracy Notice

The Global Positioning System (GPS) is operated by the government of the United States of America, which is solely responsible for its accuracy and maintenance. The system is subject to changes which could effect the accuracy and performance of all GPS equipment. The inherent nature of the GPS system itself limits the accuracy of the distance indicated on the reTrace's display to within roughly +/- 3 to 5 meters (or yards) of the actual marked location.

Warning

This device is intended as a supplemental handheld navigation aide only. The user assumes all responsibility associated with the use of this product. It must not be used for any purpose requiring precise measurement of location, direction, distance, velocity or typography. This device should not be used for any aircraft navigation applications.

Vehicular Use Notice

Celestron is committed to the safe and responsible enjoyment of the outdoors. Do not use this product while driving. An accident can result in property damage, injury or death if the operator fails to practice prudent driving practices. It is the sole responsibility of the driver of any vehicle to operate the motor vehicle in a safe manner. Information from the GPS unit can distract the operator of a motor vehicle. It is unsafe to operate the controls of the GPS unit while operating a motor vehicle. If used in a motor vehicle, it must not be used by the operator of the motor vehicle. If it is used in a motor vehicle, it must be mounted in a manner such that it does not distract the operator, does not interfere with the operator's field of view and does not block or interfere with the air bags or other safety mechanisms of the motor vehicle. Windshields and car windows with integrated metallic materials, such as defrosters or car window tinting films, can degrade the GPS reception inside a car.

Liability Notice

In no event shall Celestron be liable for any incidental, special, indirect or consequential damages; whether resulting from the use, misuse, or inability to use this product or from the defects in the product. Some states do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you.



Your Celestron reTrace has a Two Year Limited Warranty.

For detailed warranty information and to register your new product, please visit our website: www.celestron.com

Designed and intended for those 13 years of age and older.

©2011 Celestron
2835 Columbia Street
Torrance, CA 90503 U.S.A.
Telephone: 310.328.9560 / Fax: 310.212.5835

