LEUPOLD®

GX®-1i³ AND GX-2i³ RANGEFINDERS

OPERATING INSTRUCTIONS

TABLE OF CONTENTS

INTRODUCTION

Congratulations! You have purchased a Leupold® GX® Series digital laser rangefinder that has been crafted by Leupold's engineers and designers to be the best rangefinder on the market, and to provide you with years of solid performance on the course. Following are instructions detailing the proper use and employment of your GX Series rangefinder. To ensure top performance for the life of the product, please read these instructions before operating your GX-1i^3 or GX-2i^3 rangefinder.

Your new Leupold GX Series digital laser rangefinder is a revolutionary, range-finding device that incorporates advanced digital electronics with state-of-the-art trajectory algorithms. The next generation Digitally eNhanced Accuracy (DNA®) engine incorporates additional signal processing techniques to generate better ranging distance with more accurate rangefinding. GX-2i^3 features include an inclinometer and PinHunter 3 Laser Technology. Another truly innovative and unique feature is True Golf Range™ (TGR®), which is available on the GX-2i^3 TGR model. TGR is a marriage of laser ranging, an inclinometer, and advanced trajectory calculations. The result is

distance measurements based on your own hitting ability to get you as close to the pin as possible. Don't rely on the "average" from other units when you can customize your GX-2i^3.

ABOUT LEUPOLD & STEVENS, INC.

It's a decidedly American story: in 1907, a young German immigrant named Fred Leupold set up a one-man shop at 5th and Oak Streets in Portland, Oregon, repairing optics for surveying equipment. The small company survived the First World War and the Great Depression, however, it was the Second World War that would forever change the company. Working with the U.S. Army on a riflescope and the Navy on optics for use aboard ships, the engineers at Leupold learned the secrets of waterproofing and durable construction that would completely change the world of sports optics.

Leupold & Stevens, Inc. is still family-owned, though the focus has turned from land surveying to helping people across the globe survey their environments with innovative, high-performance optics and accessories. Leupold optics are renowned for their unchallenged ruggedness, absolute waterproof integrity, and their vastly superior optical quality. More than a century of observation and optical experience has gone into every product we produce, and we think the results are well worth the extra effort required to achieve this level of quality.

In true American style, the philosophical foundation laid in our early years has served us well as we've grown and changed over the decades. In fact, the firm's founder

established the clarity of purpose that we see at Leupold & Stevens today:

“We solemnly promise never to let down on quality, the customer is entitled to a square deal.”

Markus Friederich “Fred” Leupold

ACCURACY

The ranging accuracy of the GX-1i^3 and GX-2i^3 rangefinders is +/- .5 yard/meter. The maximum effective range depends upon a number of factors including lighting conditions and air quality, but the most important factor is the reflectivity of the target. For most objects, the maximum distance is 800 yards, while for highly reflective targets, distances of 1100 yards can be obtained.

	MAXIMUM RANGE	
CONDITION	**GX-1i^3**	**GX-2i^3**
Reflective Target (yd/m)	1100/1006	1100/1006
Trees (yd/m)	800/732	800/732
Pin (yd/m)	400/366	400/366

HOW IT WORKS

The Leupold GX series of rangefinders emit a series of invisible, infrared energy pulses that are reflected off the selected target back to the optical unit. State-of-the-art circuitry and precision computing circuits are used to calculate the distance instantaneously by measuring the time it takes for each pulse to travel from the GX rangefinder to the object and back.

Surface texture, color, size, and shape of the target all affect reflectivity, which in turn affects the maximum range of the instrument. As a rule of thumb, brightly colored targets are much more reflective than darker targets, with black being the least reflective color. A shiny surface is more reflective than a dull surface. Smaller targets are more difficult to range than larger targets. Light conditions, haze, fog, rain, and other environmental conditions can all affect ranging performance. Any factor which degrades air clarity will reduce the maximum effective range. Bright light shining directly on the lenses reduces the effectiveness, producing shorter maximum ranges than those possible on darker (overcast) days. The steadier the GX unit is held, the greater the maximum distance.

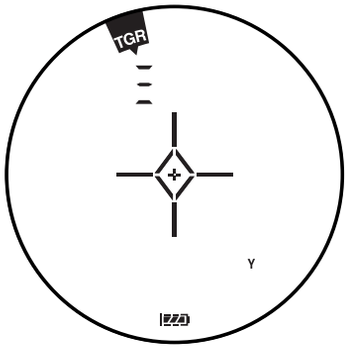
SAFETY AND OPERATION PRECAUTIONS

The Leupold GX-1i^3 and GX-2i^3 6x23mm rangefinders employ an eye safe laser in their operation. Even so, there are a few precautions that are important to remember:

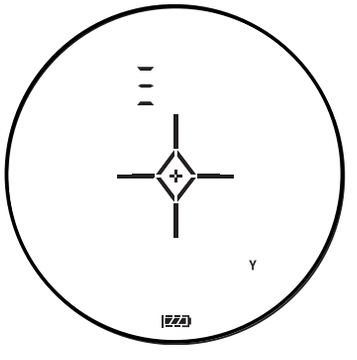
- Do not depress the POWER button while aiming at a human eye or while looking into the optics from the objective side
- Do not leave the GX within the reach of small children
- Do not take the product apart as it has a self-protection device in the electronic control module and may cause an electric shock
- Do not attempt to use any power source other than a CR-2 battery (or equivalent) — the GX is designed to prohibit accessing any other external power supply

SAFETY AND OPERATION PRECAUTIONS (CONT.)

- **Caution:** Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser radiation exposure
- When you see the display through the eyepiece, please be aware that the product is active and emitting an invisible laser and the laser aperture should not be pointed toward anyone. The unit will produce an audible “click” when the power button is activated to notify the user that the rangefinder is emitting an invisible laser
- Read this instruction manual in its entirety before using this rangefinder. If the product is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired



GX-2i^3 Activated



GX-1i^3 Activated

(Display as seen through the eyepiece)

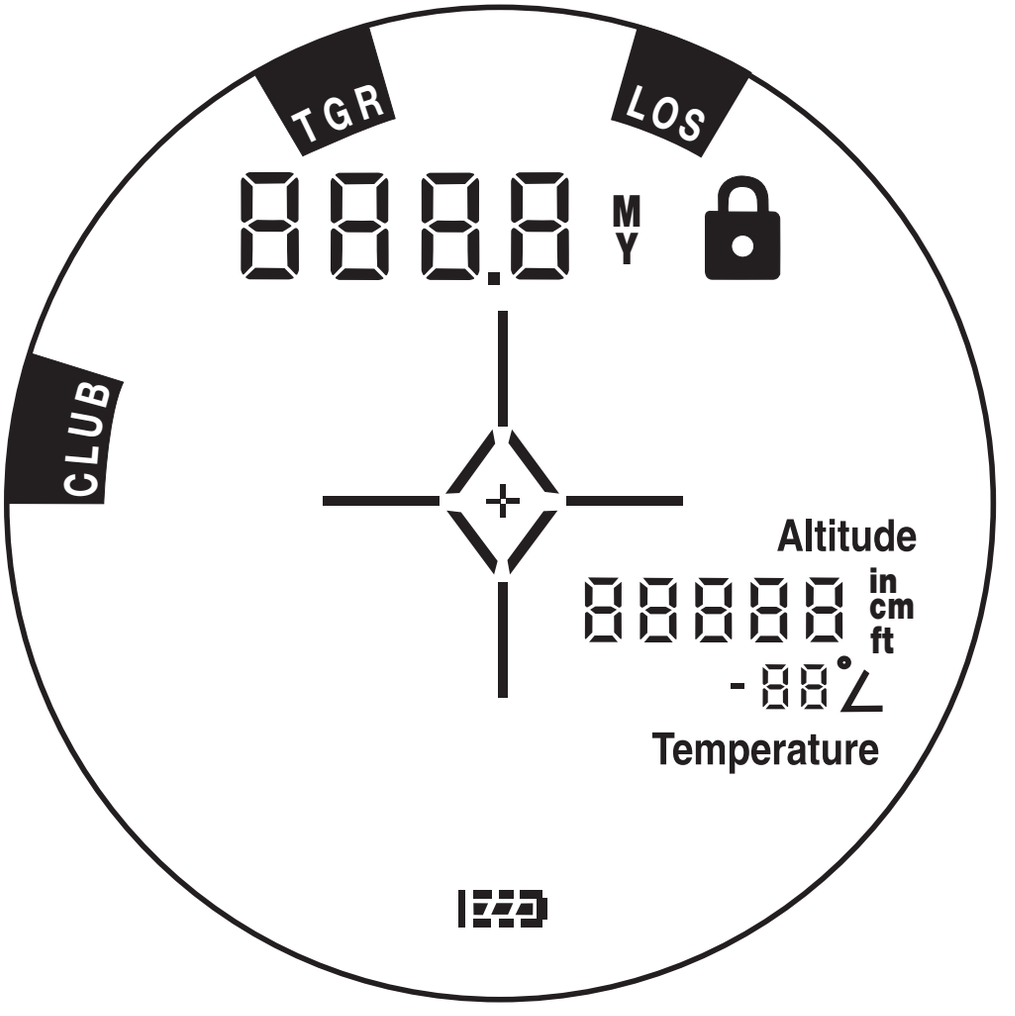
SPECIFICATIONS

The GX Series of digital laser rangefinders provides a variety of useful modes to tailor performance to the conditions you experience in the field. Model features are identified on the following pages.

	GX-1i³	GX-2i³
Magnification	6x	6x
Inclinometer	No	Yes
TGR® (True Golf Range™)	No	Yes
7 Selectable Aiming Reticles	Yes	Yes
Quick Set Menu	Yes	Yes
Line of Sight Distance	Yes	Yes
Yards/Meters	Yes	Yes
Fog Mode	Yes	Yes
Prism Lock	Yes	Yes
Scan Mode	Yes	Yes
Battery Life	>7000 Actuations	>7000 Actuations
Weight (with battery)	6.2 oz.	6.2 oz.
Dimension (Inches)	4" x 2.75" x 1.5"	4" x 2.75" x 1.5"
Low Battery Indicator	Yes	Yes
Warranty	2 Years	2 Years
Waterproof	Yes	Yes

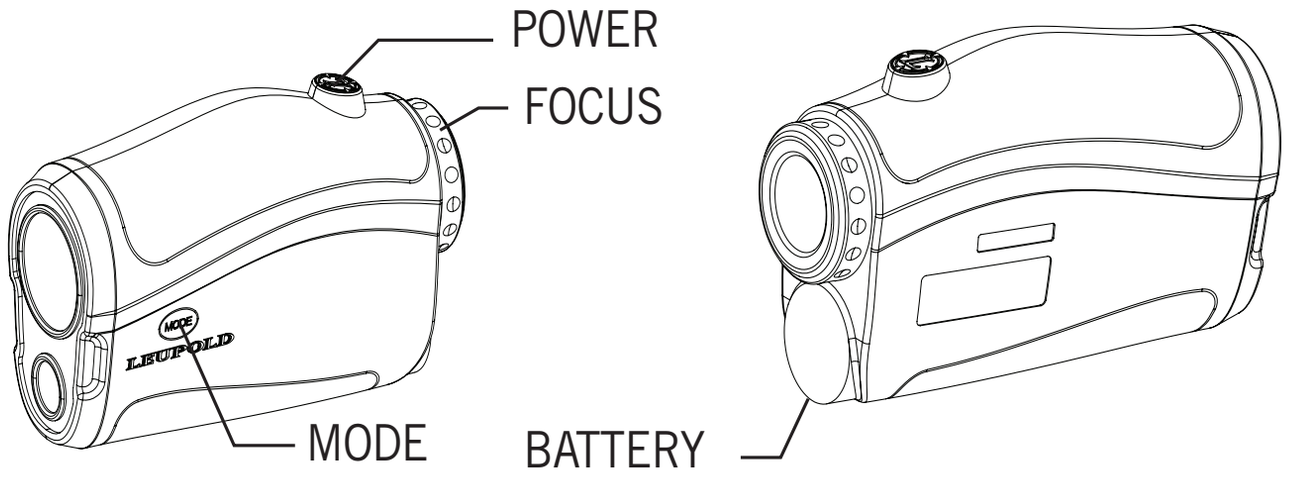
OPERATION

QUICK SET MENU™



*GX-2i^3 display shown with all possible characters visible

GX-1i³ & GX-2i³



NOTE: *To focus your GX rangefinder, turn the rubber eyepiece left or right until crisp focus is achieved.*

The GX-1i³ and GX-2i³ have two buttons: POWER and MODE. When you initially push the POWER button, the display is activated and the unit is ready for ranging. Press the POWER button a second time to range, or hold the POWER button depressed to scan. Scanning automatically updates the display. When ranging without a steady rest at long distances, you can easily differentiate the pin from other potenial targets in the distance behind the pin.

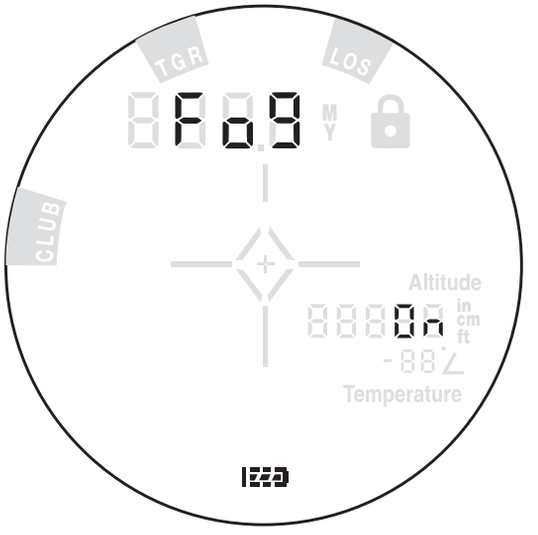
The GX-1i^3 and GX-2i^3 series rangefinders feature PinHunter 3 Laser Technology, which will always provide you the distance measurement to the closest object ranged.

When you press and hold the MODE button for at least 2 seconds then release it, the Quick Set Menu™ is prepared for navigation. To set or activate a mode, you must advance to that function by pressing and releasing the MODE button until that function is displayed. To activate a mode, press the POWER button, the icon will display steadily and the word "On" will appear in the bottom portion of the display. Pressing the POWER button again will turn that mode off; displaying the word "OFF" in the bottom portion of the display. Each subsequent depression of the POWER button will toggle that function between on and off.

NOTE: *Allowing the rangefinder to sit idle for 30 seconds will cause an automatic power-off, saving all selections. If additional modes require activation/deactivation, simply press and release MODE to continue through the Quick Set Menu. Pressing and holding MODE for at least 2 seconds at any time will exit the Quick Set Menu, save all previous changes, and prepare the rangefinder for immediate use.*

Hold POWER and MODE simultaneously for at least 10 seconds to reset factory settings.

FOG MODE



The Fog mode is best used in foggy/rainy conditions to screen out false readings from raindrops or other atmospheric interference to provide an accurate range. Fog mode provides the distance to the last object ranged. With Fog mode on, the user will need to range the base of the flag or lip of the green. Turn Fog mode off when ideal conditions exist.

TO ACTIVATE FOG MODE:

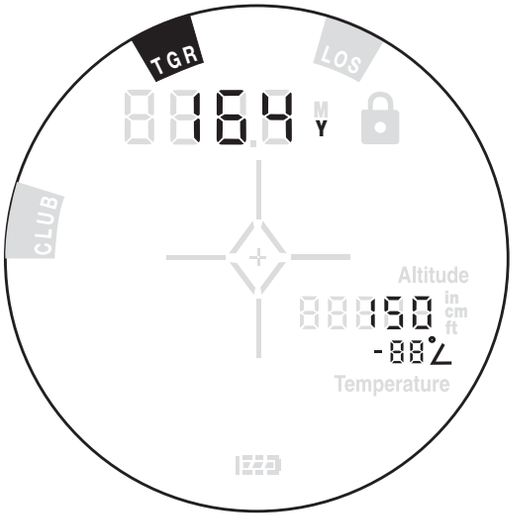
1) Press POWER to activate the rangefinder.

2) Press and hold MODE for at least 2 seconds to enter the Quick Set Menu; release the MODE button, the word “Fog” will now appear in the upper display.

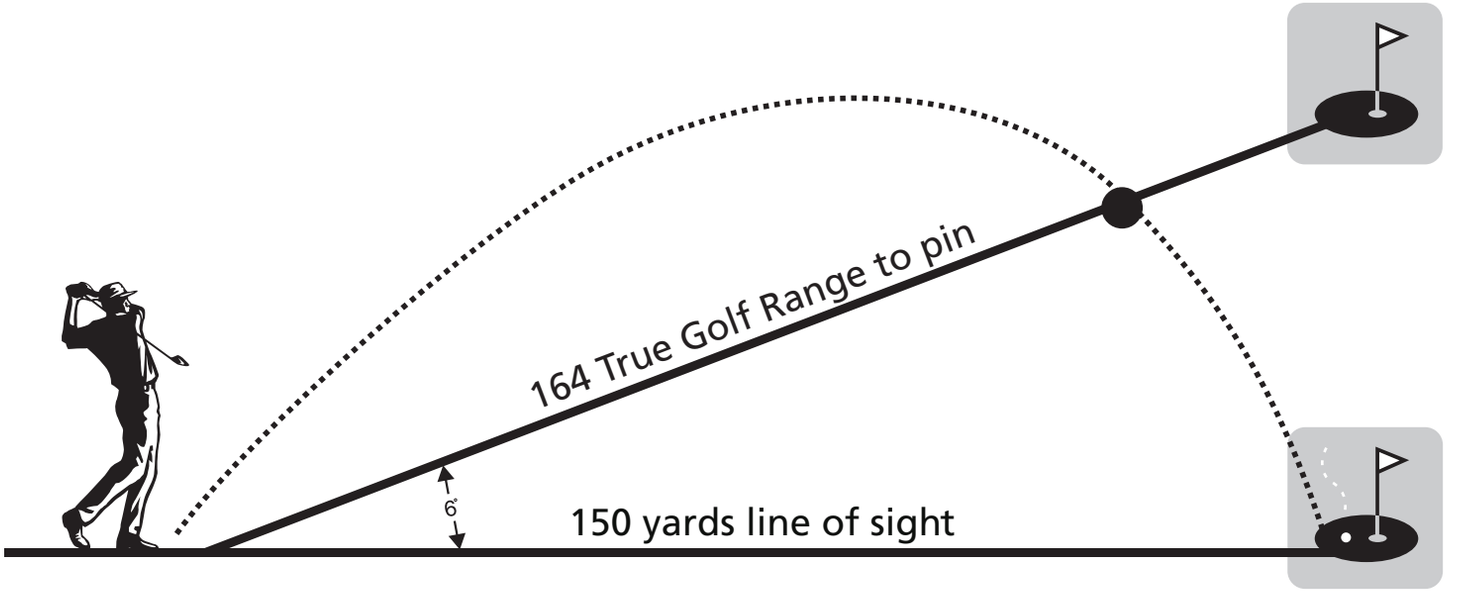
3) While the word “Fog” is displayed, press and release POWER as necessary until the word “On” is displayed in the lower portion of the display.

4) To continue through the Quick Set Menu and manipulate another function, press and release MODE until the appropriate icon is displayed.

TRUE GOLF RANGE (TGR) (GX-2i³ ONLY)

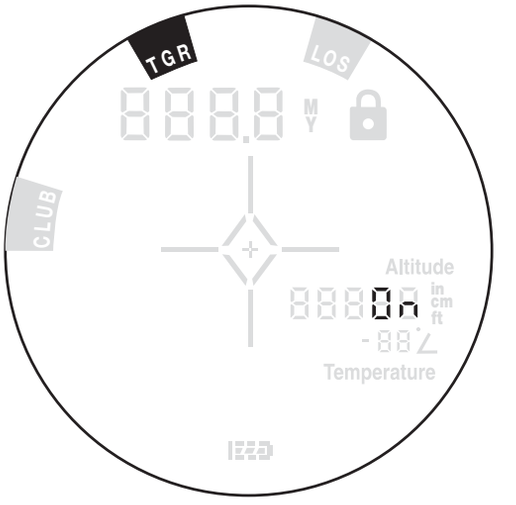


TGR is an adjusted range that will compensate for uphill shots that play long and downhill shots that play short. TGR is calculated from the line of sight distance, incline or decline, and current temperature and altitude. TGR will display the adjusted range the golfer should play to. For example, if you have a lie 150 yards from the pin, but the green falls 6 degrees above your ball, you will play the shot as if it were 164 yards.



NOTE: *Turning TGR off will also disable the Club Selector and inclinometer display; all distance readings will be line-of-sight (LOS) measurements.*

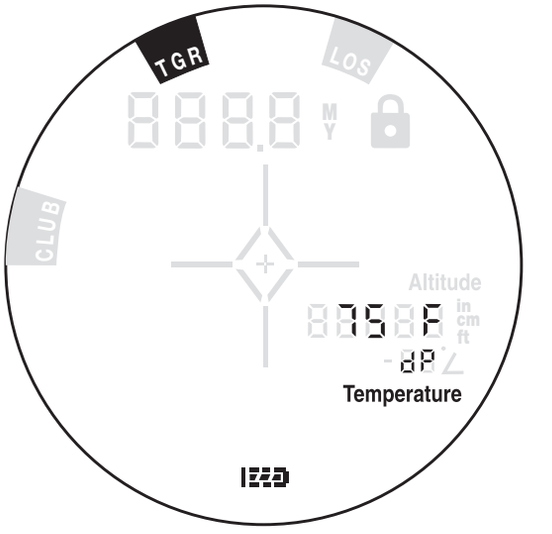
TO ACTIVATE TGR: (GX-2i^3 ONLY)



1) Press POWER to activate the rangefinder.
2) Press and hold MODE for at least 2 seconds to enter the Quick Set Menu; press and release MODE one more time to advance to TGR mode. The TGR icon will now be displayed.
3) While the TGR icon is displayed, press and release POWER as necessary until “On” is displayed in the lower portion of the display. Press MODE to save.
4) To continue through the Quick Set Menu and manipulate another feature, press and release MODE until the appropriate icon is displayed.

DAY OF PLAY TEMPERATURE/ALTITUDE INPUT (dP) (GX-2i³ ONLY)

Temperature and altitude are two of the factors used to determine TGR ranges; inputting the current temperature and altitude will increase the accuracy of your TGR measurement. This feature is intended for players who live in low lying areas and travel to higher elevations to play golf. It isn't necessary to change these values if regularly playing courses in the same geographical area.

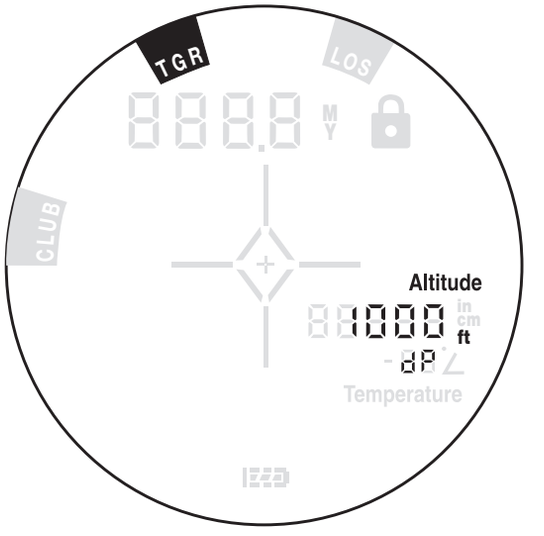


NOTE: *If Yards is selected, the temperature will automatically be measured in Fahrenheit. If Meters is selected, the temperature will be measured in Celsius. Altitude is measured in feet for both Yards and Meters.*

TO INPUT THE CURRENT TEMPERATURE AND ALTITUDE: (dP)

1) Press POWER to activate the rangefinder.
2) Press and hold MODE for at least 2 seconds to enter the Quick Set Menu.
3) Verify that TGR is turned on; if TGR is not activated, you will not be able to enter the current temperature. To activate TGR, see "To Activate TGR" (page 15).
4) Press and release MODE again; the last saved temperature will be flashing in the lower portion of the display.
5) While the temperature is flashing, press and release POWER to change the current temperature setting to match the current conditions. Each depression of POWER will increase the temperature setting by 5 degrees until 120 degrees F has been reached, at which time the setting will return to 30 degrees F and begin increasing again. Press MODE to save the changes.
6) Press and release MODE again and the last saved current altitude will be flashing.

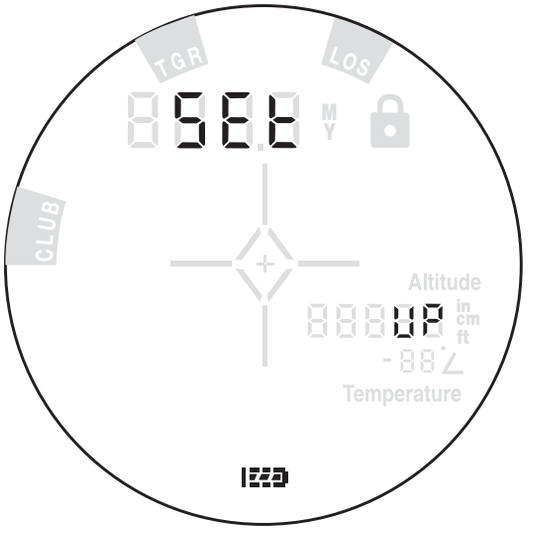
7) While the altitude is flashing, press and release POWER to change the current altitude setting to match current conditions; each depression of POWER will increase the altitude setting by 500 feet until 9999 has been reached, at which time the setting will return to 0 and begin increasing again.



8) To continue through the Quick Set Menu and manipulate another feature, press and release MODE until the appropriate icon is displayed.

TGR SETUP (SU) (GX-2i³ ONLY)

NOTE: GX-1i³ model will only display LOS in large numbers above the reticle.



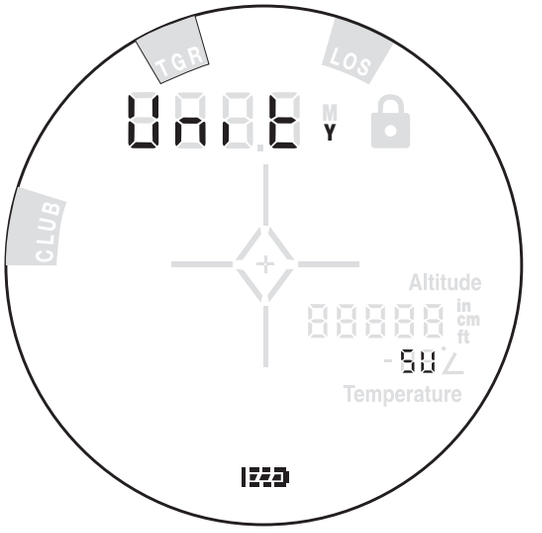
YARDS/METERS OUTPUT

1) Press POWER to activate the rangefinder.

2) Press and hold MODE for at least 2 seconds to enter the Quick Set Menu.

3) Press and release MODE until the word Unit is shown in the upper display

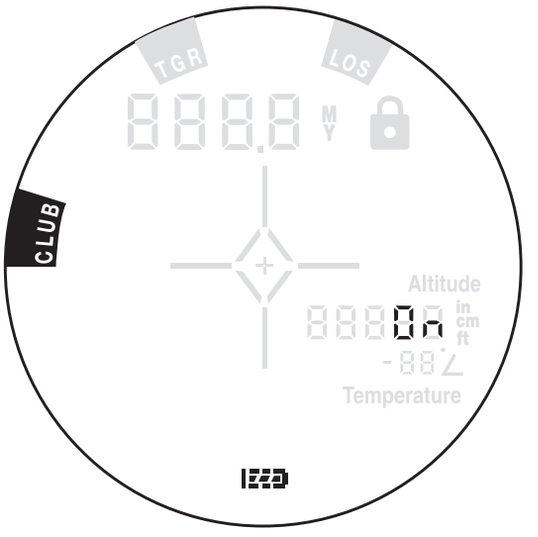
4) While the word Unit is shown in the upper display, press and release POWER as necessary to toggle between yards and meters, shown in the upper right portion of the display.



5) To save the changes and return to ranging mode, press and release MODE.

NOTE: If yards is selected, the temperature will automatically be measured by Fahrenheit. If meters is selected, the temperature will be in Celsius.

When TGR is activated, the Club Selector recommends the proper iron for the current distance, shot angle, environmental conditions, and multiple other factors.

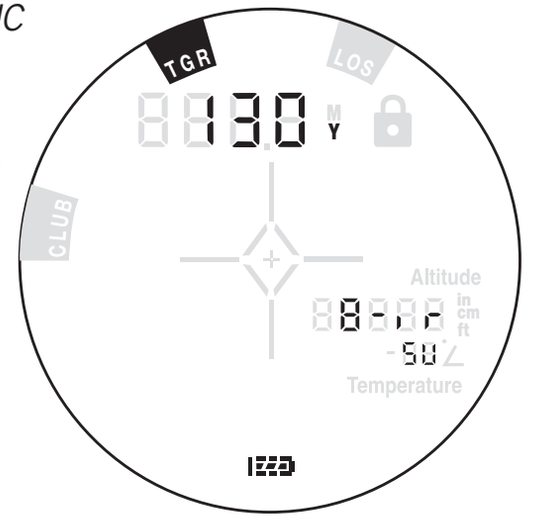


Club selector is automatically activated when TGR is turned on. Press and release MODE to save your selection and move to the next function.

Critical to accurate club recommendations is the known striking distance of the user with specific clubs. By inputting the actual distance obtained with a few clubs, a specialized algorithm accurately determines the distance obtained with others. The actual distance obtained from an 8-iron, 6-iron, and 4-iron shot should be input as accurately as possible. If no club distance is input, the Club Selector will automatically default to the preset distances (130 yards for an 8-iron, 150 yards for a 6-iron, and 170 yards for a 4-iron). In addition to the striking distances, the temperature and altitude at which these distances were measured must be input following the distance input process. By entering the environmental conditions in which the specific distances were obtained, the Club Selector will be able to adjust the recommended iron according to the current conditions.

TO INPUT THE STRIKING DISTANCE OF THE 8, 6 AND 4-IRON (GX-2i³ ONLY):

NOTE: *Though we strongly recommend inputting the specific distances obtained with each of the irons mentioned above, the specialized algorithms used by the GX-2i³ will make logical assumptions about the remaining club(s) if specific distances are not known for one or more of the remaining clubs. By inputting your hitting distances, you will customize the rangefinder to your game. Leaving the GX-2i³ in default mode will achieve typical variances of +/- 1 club length.*



**Reminder: You cannot input a distance value less than or equal to the previous club. For example, if you choose 155 yards for your 8-iron, the lowest available distance for your 6-iron will be 160 yards.*

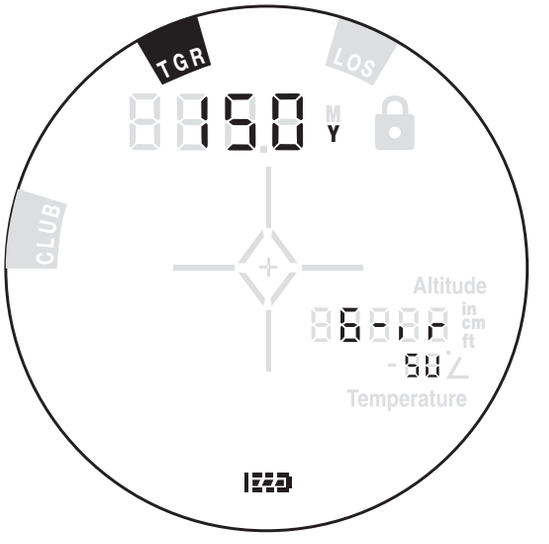
Use MODE to navigate through the Quick Set Menu until TGR (SU) is displayed;

1) The 8-iron symbol will be highlighted and the last saved distance will be shown in the upper numeric display. If you wish to input a distance other than the one shown, proceed to step 2. To save the shown distance for your 8-iron, press MODE and skip to step 3 below.

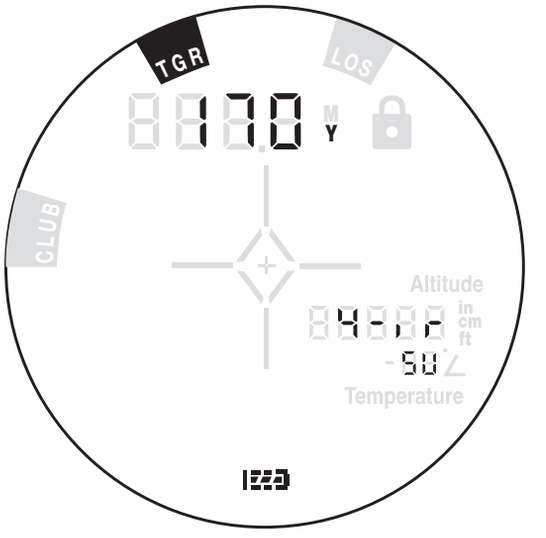
2) Press POWER to set the distance obtained with your 8-iron. Each depression of POWER will increase the distance associated with your 8-iron shot in 5-yard/meter increments beginning with the last saved distance, until 200 yards has been reached. Once 200 yards has been reached, it will reset to 60 yards, and start over again. When the appropriate distance is displayed, press MODE.

3) The 6-iron symbol will now be highlighted and the last saved distance will be shown in the upper numeric display. If you wish to input a distance other than the one shown, proceed to step 4. To save the shown distance for your 6-iron, press MODE and skip to step 5 below.

4) Press POWER to set the distance obtained with your 6-iron. Each depression of POWER will increase the distance associated with your 6-iron shot in 5-yard/meter increments beginning with the last saved distance, until 220 yards has been reached. Once 220 yards has been reached, it will reset to 80 yards, and start over again. When the appropriate distance is displayed, press MODE.



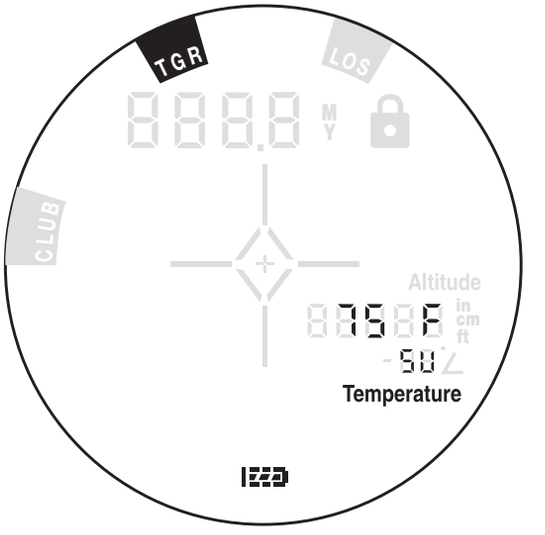
5) The 4-iron symbol will now be highlighted and the last saved distance will be shown in the upper numeric display. If you wish to input a distance other than the one shown, proceed to step 6. To save the shown distance for your 4-iron, press and release MODE for at least 2 seconds. To continue through the Quick Set Menu and manipulate another feature, press and release MODE until the appropriate icon is displayed.



6) Press POWER to set the distance obtained with your 4-iron shot in 5-yard/meter increments beginning with the last saved distance, until 240 yards has been reached. Once 240 yards has been reached, it will reset to 100 yards and start over again. Press and hold MODE for at least 2 seconds to save. To manipulate another function, press and release MODE until the appropriate icon is displayed.

TO INPUT THE TEMPERATURE AND ALTITUDE AT WHICH THE STRIKING DISTANCE FOR EACH CLUB WAS MEASURED:

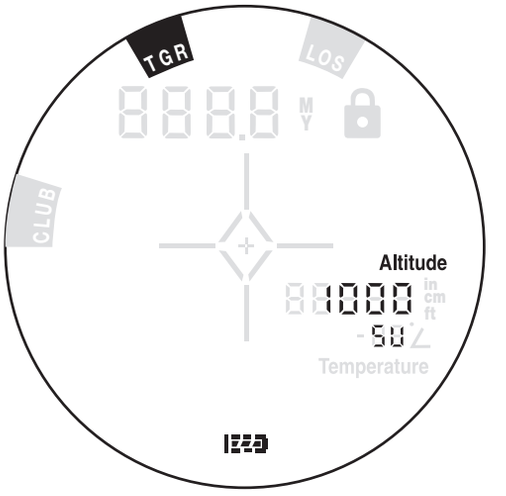
The procedure for inputting the temperature and altitude at which each striking distance was measured begins immediately after inputting the specific club distances. Follow each of the steps under "To Input The Striking Distance Of The 8, 6 and 4-iron". Once the striking distances have been input, press MODE and follow the steps below:



1) The last saved temperature will be flashing in the bottom portion of the display. If you wish to input a temperature other than the one shown, proceed to step 2. To save the shown temperature, press MODE and skip to step 3 below.

2) Press and release POWER to begin incrementing through the temperature settings. The default setting is 75 degrees F. Pressing POWER will increment through a range of 30 degrees to 120 degrees F in 5 degree increments. When the appropriate tem perature is displayed, press and release MODE to save your selection and move on to the altitude input.

3) The last saved altitude will be flashing in the bottom portion of the display. If you wish to input an altitude other than the one shown, proceed to step 4. To save the shown altitude press and hold MODE for at least 2 seconds. To continue through the Quick Set Menu and manipulate another function, press and release MODE until the appropriate icon is displayed.

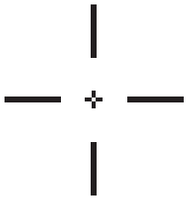


4) Press POWER to toggle through the altitude settings. The default setting is 1,000 feet. Pressing POWER will toggle through a range of 0 feet to 9,999 feet in 500 foot increments.

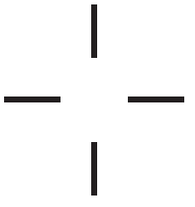
When the appropriate altitude is displayed, press and release MODE to save the selection. The process for setting up the temperature and altitude at which the striking distances were measured is complete. To return to ranging mode, press and hold MODE for at least 2 seconds. To continue through the Quick Set Menu and manipulate another function, press and release MODE until the appropriate icon is displayed.

SELECTABLE RETICLES

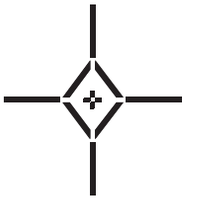
This mode is used to choose from one of 7 preloaded aiming reticles for your GX series digital rangefinder. To select a reticle, press MODE repeatedly until the reticle begins flashing. Each time POWER is depressed the reticle style will change. Press and release MODE to select a reticle. The reticle choices are as follows:



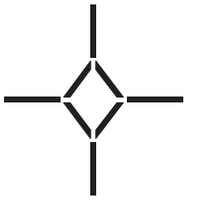
Reticle with Plus Point™



Reticle without Plus Point



Diamond Plex with Plus Point



Diamond Plex

Plus Point™

Diamond with Plus Point

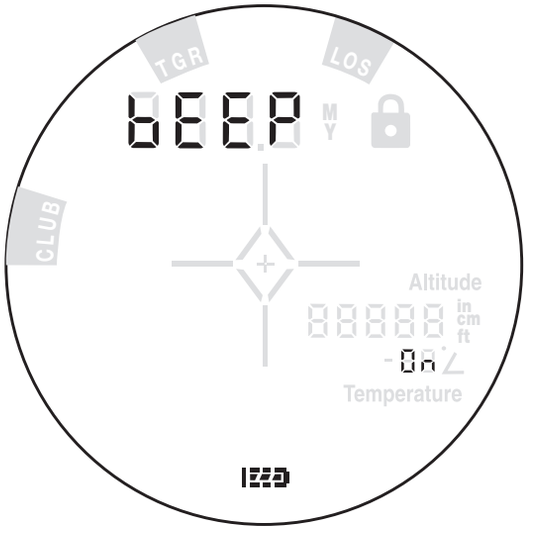
Diamond

TO CHOOSE A PARTICULAR AIMING RETICLE/CROSSHAIR:

1) Press POWER to activate the rangefinder.
2) Press and hold MODE for at least 2 seconds to enter the Quick Set Menu.
3) Press and release MODE repeatedly until the reticle is flashing.
4) While the reticle is flashing, press and release POWER
5) Continue pressing and releasing POWER until the desired reticle is flashing. Press and release MODE to save your selection.
6) To save the changes and return to ranging mode, let the unit sit idle for a least 30 seconds until an automatic power-down occurs, or simply press and hold MODE for at least 2 seconds. To continue through the Quick Set Menu and manipulate another feature, press and release MODE until the appropriate icon is displayed.

PRISM LOCK

Prism Lock is always activated and will automatically detect the presence of prisms in course features when scanning at a distance of 30 yards or greater. When using Scan Mode to range a course feature with integral prisms, your GX^3 rangefinder by default, will produce an audible beep and the Prism Lock icon will be shown in the upper right portion of the display.



The audible beep can be turned on/off utilizing the Quick Set Menu. Simply toggle through the functions using the MODE button until "bEEP" is shown in the display. Press and release POWER to select on or off.

Press and release MODE to save your current settings and exit the set up menu.

NOTE: *Prism Lock only works in Scan Mode while pressing and holding the POWER button.*

TROUBLE SHOOTING

HOW DO I ACTIVATE THE INCLINOMETER? (GX-2i^3 ONLY)

TGR must be activated, at which time the inclinometer will be activated automatically.

HOW DO I RESET THE UNIT TO FACTORY SETTINGS?

Press and hold POWER and MODE simultaneously for at least 10 seconds.

CAN I USE TGR WITHOUT MANUALLY INPUTTING DISTANCES FOR AN 8, 6, OR 4-IRON?

Yes, TGR can be used without entering the Club Selector values, it will simply use the default settings appropriate for the average player. Entering your specific values will improve accuracy up to one club length.

PRISM LOCK ISN'T WORKING (NO AUDIABLE BEEP):

Prism Lock only works when in Scan Mode. By pressing and holding POWER you will get constant updated distance readings until the laser hits the prism.

CLEANING/MAINTENANCE

Blow away dust or debris on lenses, or use a soft lens brush (such as the one found on the Leupold LensPen). To remove fingerprints, water spots or tougher dirt, use a soft cotton cloth or the cleaning end of the Leupold LensPen. A lens tissue with lens cleaning fluid may be used for more stubborn dirt. Always apply cleaning fluid to the cleaning cloth, never directly to the lens.

To insert a new battery, remove the battery cover (shown in diagram on page 11) and remove exhausted battery. Insert new CR-2 battery, negative terminal first, in to the battery compartment. Close battery cover.

All GX series rangefinders are waterproof.

All GX rangefinders include a lanyard and are equipped with a lanyard attachment for added security in the field. GX-2i^3 models are supplied with a small instruction supplement in the inside pocket of the included case.

WARRANTY/REPAIR

The Leupold Electronics Warranty covers any defects in materials and workmanship in the electronic components of RX, GX, and PinCaddie Rangefinders, Vendetta Archery Rangefinders, Leupold Thermal Optics, and other Leupold electronic products. This warranty lasts for two-years from the date of purchase. For complete warranty details visit leupold.com/leupold-core/leupold-dna/lifetime-guarantee.

In the event of a need for service or repair, please contact Leupold Product Service at: leupold.com

BY PARCEL SERVICE:
Leupold Product Service
14400 NW Greenbrier Parkway
Beaverton, OR 97006-5791 U.S.A.

BY POSTAL SERVICE:
Leupold Product Service
P.O. Box 688
Beaverton, OR 97075-0688 U.S.A.

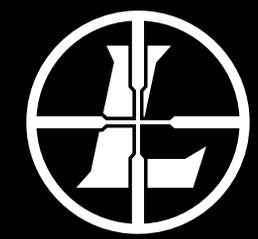
For product questions, consult the Leupold Web site at:
leupold.com or call (800) LEUPOLD (538-7653).

Please take a few minutes to register your product at leupold.com/account/login.

LEUPOLD, GOLD RING, GOLDEN RING, MARK 4, the Golden Ring design, the circle-L reticle logo design, and various other marks are registered trademarks of Leupold & Stevens, Inc. All marks, including corporate logos and emblems, are subject to Leupold's rights and may not be used in connection with any product or service that is not Leupold's, or in any manner that disparages or discredits Leupold, or in a manner likely to cause confusion.

Certain other trademarks used in connection with Leupold products and services are the property of their respective owners, and are used with permission. BOONE AND CROCKETT CLUB and BOONE AND CROCKETT are registered trademarks of the Boone and Crockett Club. RMEF and ROCKY MOUNTAIN ELK FOUNDATION are registered trademarks of the Rocky Mountain Elk Foundation. ADVANTAGE TIMBER and ADVANTAGE TIMBER HD are trademarks or registered trademarks of Jordan Outdoor Enterprises Ltd. MOSSY OAK BREAK-UP, MOSSY OAK BRUSH, MOSSY OAK OBSESSION, and MOSSY OAK TREESTAND are trademarks or registered trademarks of HAAS Outdoors, Inc. A.R.M.S. is a registered trademark of Atlantic Research Marketing Systems, Inc.

We reserve the right to make design and/or material modifications without prior notice.



LEUPOLD®

Part # 172462
Artwork # 172494C