



***LEUPOLD***<sup>®</sup>

**RX<sup>®</sup>-1300i TBR DIGITAL  
LASER RANGEFINDER**

Complete Operating Instructions



Digitally eNhanced Accuracy



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# INTRODUCTION

Congratulations! You have purchased a Leupold® RX-1300i TBR Series digital laser rangefinder that has been designed by Leupold's engineers and designers to be the best rangefinder in its class and to provide you with years of solid performance in the field. Following are detailed instructions regarding the proper use and employment of your RX rangefinder. To ensure top performance for the life of the product, please read these instructions before operating your RX-1300i TBR.

Your new Leupold RX rangefinder incorporates advanced digital electronics with state-of-the-art ballistics algorithms. The Digitally eNhanced Accuracy™ (DNA®) engine incorporates additional signal processing techniques to generate better ranging distance with more accurate rangefinding. RX-1300i TBR features include Leupold's exclusive Trophy Scale, multiple reticle options, and yards/meters. Additionally, the truly innovative and unique feature is True Ballistic Range® (TBR). TBR algorithms were developed by the same engineers who developed Sierra Infinity® Exterior Ballistics Software and who helped develop navigation and guidance systems for ICBMs and other missiles with far more demanding trajectory requirements than a hunting bullet. TBR is a marriage of laser ranging, an inclinometer, and an advanced computerized ballistics program. The result is distance measurements accurate within a yard, no matter the angle at which the laser is fired. Bullets and arrows travel in

a ballistic arc, yet conventional rangefinders only provide a linear distance to your target or a trig “shoot to” distance which fails on longer shots or steeper angles. TBR delivers the ballistic equivalent range to the target, accounting for the effects of inclines or declines on the path of your bullet or arrow. Other features that are provided for firearms are outputs that display holdover adjustments in either MOA, milliradians, or inches/centimeters at that specific distance. TBR eliminates any potentially significant error, and provides a precise range for your aiming calculations. TBR is matched to 7 rifle ballistics groups, allowing use with most popular firearms.

## **HOW THE RX-1300i TBR WORKS**

The RX-1300i TBR is a top-quality 6x23mm monocular that incorporates the additional benefit of a state-of-the-art laser rangefinder capable of measuring the distance of a deer-sized animal from 6 yards to 900 yards, and a reflective target from 6 yards to 1300 yards. The 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 by measuring the time it takes for each pulse to travel from the RX-1300i TBR to the object and back.

## SAFETY AND OPERATION PRECAUTIONS

The Leupold RX-1300i TRB 6x23mm rangefinders employ an eye safe FDA Class 1 laser in their operation. Outside of the United States, the IEC is the governing body over laser products and has classified the RX-1300i TBR as Class 3R. Even so, there are a few precautions that are important to remember:

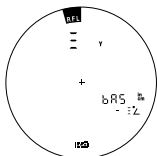
- Do not depress the POWER button while aiming at a human eye or while looking into the optics from the objective side
- Do not leave the rangefinders within the reach of small children
- Do not take the product apart as it has a self-protection device in the electronic control module and may cause an electric shock
- Do not attempt to use any power source other than a CR2 battery (or equivalent) — the RX-1300i TBR rangefinder is designed to prohibit accessing any other external power supply



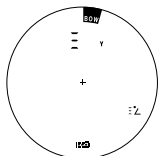


## SAFETY AND OPERATION PRECAUTIONS (cont.)

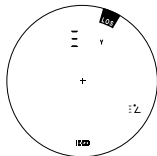
- Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser radiation exposure
- When you see the displays below through the eyepiece, please be aware that the product is active and emitting an invisible laser and the laser aperture 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



BAS Display



BOW Display

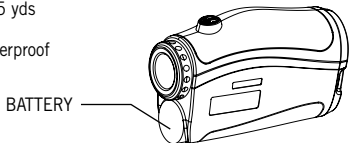
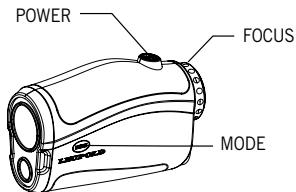


LOS Display

(Display as seen through the eyepiece)

## RX-1300i FEATURES AT A GLANCE





- Laser Radiation: FDA Class 1 / IEC Class 3R
- Measurement Range: 6 yds – 1300 yds
- Measuring Time: Less than 1 second
- Auto Power Off after 5 seconds  
(45 seconds if Trophy Scale is enabled)
- Power: CR2 battery or equivalent
- Battery Life: At least 5,000 actuations
- Accuracy: +/- .5 yard/meter, up to 125 yds
- The RX-1300i TBR rangefinder is waterproof





## BATTERY POWER STATUS INDICATOR

To determine your battery's power level, look for the following indicators:

-  FULL – A full battery bar indicates your battery is at or near peak capacity.
-  HALF – A half-full bar indicates your battery has reached half-capacity.
-  LOW – If the battery bar is empty, yet there is still data displayed above the bar, the battery is nearing the end of its life and should be replaced.
-  NO POWER – If the battery bar is empty, and there is no data displayed above the bar, your battery is dead and you must replace it. The battery status bar will flash and the unit will shut down when no power remains.

## MEASURING DISTANCE WITH THE RX-1300i TBR

Measurement of distance with the RX-1300i TBR is a very simple operation:

1. View the object of interest through the monocular.
2. Depress the POWER button to power up the unit.
3. Align the reticle over the object being viewed.
4. Depress the POWER button again – this will cause the laser to activate.
5. Read the distance as shown in the image field.

**CONTINUOUS MEASUREMENT OF A MOVING TARGET / SCAN MODE:**

1. Follow the instructions for “Measuring distance...” as explained previously.
2. Once the target has been measured, continue to hold down the POWER button and follow the object as it moves.
3. The distance will automatically update as long as the POWER button is continuously depressed.
4. This procedure can also be used to obtain the range of multiple animals or objects; simply move the reticle from one target to another while holding down the POWER button.

**CLEARING THE LAST DISTANCE OBTAINED:**

The last range reading does not need to be cleared before reading another object's distance. Simply aim at the new object using the reticle, depress the POWER button and hold until the new range reading is displayed. The ranging accuracy of all Leupold RX-1300i TBR Series rangefinders is  $\pm .5$  yard/meter at distances less than 125 yards/meters, while the accuracy beyond 125 yards/meters is  $\pm 2$  yards/meters. The maximum range of the unit depends on the reflectivity of the target and atmospheric conditions.

Following is a reference table listing the ranges of the RX-1300i TBR rangefinder under different conditions:

MAXIMUM RANGE		
CONDITION	Yards	Meters
Reflective Target	1300	1189
Trees	1100	1006
Deer	900	823

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. Tan game coats are more reflective (and thus provide a more solid reading) than a black roof. 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. The sun generates infrared energy that can degrade ranging performance in bright conditions or when ranging towards the sun.

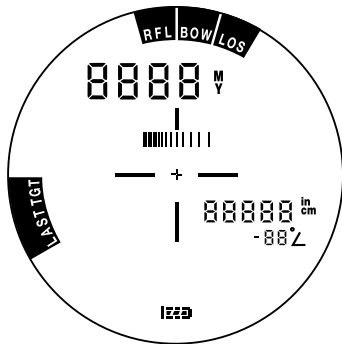
# SPECIFICATIONS

The RX-1300i TBR digital laser rangefinder 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.

	RX-1300i TBR
<b>Magnification</b>	6x
<b>Inclinometer</b>	Yes
<b>TBR (True Ballistic Range)</b>	Yes
<b>Last Target Mode</b>	Yes
<b>Line of Sight Distance (LOS)</b>	Yes
<b>Trophy Scale</b>	Yes
<b>Yards / Meters Mode</b>	Yes
<b>Scan Mode</b>	Yes
<b>Battery Life</b>	>5,000 Actuations
<b>Weight</b>	7.0 oz
<b>Dimension (Inches)</b>	4.0 x 2.5 x 1.5
<b>Battery Status Indicator</b>	Yes
<b>Warranty</b>	2 Years
<b>Waterproof</b>	Yes
<b>Accurate +/- .5 Yard @ &lt;125 yds.</b>	Yes

# OPERATION

## QUICK SET MENU™



\*Display shown with all possible characters visible

## QUICK START MENU

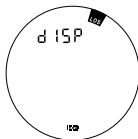
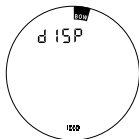
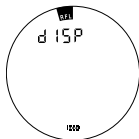
When you initially push the POWER button, the unit is ready for set up. To enter the Quick Set Menu™, press and hold the MODE button for at least 1 second and then release the button.

To manipulate a function, press the MODE button until that function is displayed, then use the POWER button to change the setting. If this is the last function to be changed, you can allow the rangefinder to sit idle for 30 seconds which will cause an automatic power-off, saving all selections. If additional functions require manipulation, simply press MODE to continue through the Quick Set Menu. Pressing and holding MODE for 1 second at any time will save all changes, exit the Quick Set Menu, and prepare the rangefinder for immediate use.

*Note: Activating certain modes automatically disables other modes. For example activating the yards mode will automatically deactivate the meters mode.*

## FUNCTION 1: RFL, BOW OR LOS

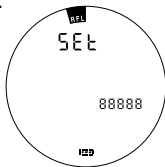
To activate RFL, BOW, or LOS, activate the RX-1300i TRB by pressing the POWER button, then press the MODE button to enter the menu. While “dISP” is shown in the display, press and release the POWER button to rotate through RFL, BOW, and LOS modes. Once the desired mode is displayed, press the MODE button.



## TBR FOR RIFLE USERS

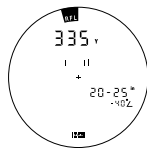
TBR calculates the equivalent horizontal range (level fire range) from which you can determine the correct aim for the conditions. For example, if you are shooting a .270 caliber, 130 grain bullet at 3,050 feet per second up a 30° incline at 400 yards, direct line of sight, the TBR output will be 367 yards. The first step in correctly using TBR is to Practice, Practice, Practice. Anytime you handle a firearm or bow, you are ultimately responsible for your projectile.

For rifle users, scope adjustment or holdover information can also be displayed. RFL mode is comprised of five functions: BAS, HOLD, MIL, MOA and TRIG. One of these modes must be selected when in RFL mode before moving on to choosing your ballistic group in Function 2. The available functions are described on pages 14-16. TBR for rifle (RFL) settings is effective to 800 yards. If the target is farther than 800 yards (731 meters), the LOS icon will flash while RFL remains displayed, and resulting distance will be the line of sight distance only. Press MODE to enter the setup menu. To select the desired function, rotate through the “dISP” until RFL is reached (activate if necessary). While the RFL icon is highlighted and the word “SEt” is shown in the upper display, pressing POWER repeatedly will scroll through BAS, HOLD, MIL, MOA and TRIG respectively; press MODE when the desired function is displayed. For information regarding BOW and LOS settings, please see page 18.





BAS displays the equivalent horizontal range, which is based upon the angle and the ballistics group and sight-in distance you will choose in a later mode. This is the range you will want to use when shooting, rather than the line of sight distance, which may contain gross errors depending upon the shot angle. Readings will be displayed with equivalent horizontal range in the upper portion of the display.

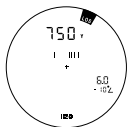


HOLD will display the appropriate amount of inches/centimeters holdover to use, which is based upon the ballistics group and sight-in distance you will choose in a later mode. The upper display shows the line of sight distance to the target. In the example to the right, the line of sight distance is 400 yards, and the lower display indicates that you should hold 23.1 inches above your intended point of impact.

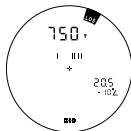


If the RX-1300i TBR is set to range in meters, the appropriate holdover would be shown in centimeters.

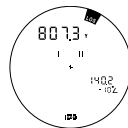
MIL will display the appropriate amount of holdover in milliradians to use, which is based upon the ballistics group and sight-in distance you will choose in a later mode. The upper display shows the line of sight distance to the target. The lower display shows the appropriate number of mils to hold over or under. In the example to the right, the line of sight distance is 750 yards, and the lower display indicates that you should hold 6.0 mils above your intended point of impact. Holdover values will be displayed in mils for both yards and meters modes.

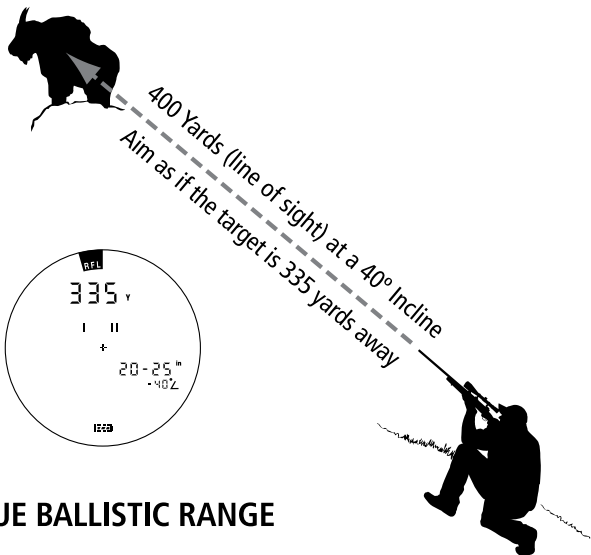


MOA Mode will show the minute-of-angle adjustment for your target which is based upon the ballistics group and sight-in distance you will choose in a later mode. The upper display shows the line of sight distance to the target. The lower display shows the appropriate number of MOA to adjust over or under your target. In the example to the right, the line of sight distance is 750 yards, and the lower display indicates that you should dial the scope up 20.5 MOA to account for bullet drop. Scope corrections will be displayed in MOA for both yards and meters modes.



TRIG, a function that is included to support tradesmen and sportsmen, displays the true horizontal range and true vertical range, which is based upon trigonometry using angle and line of sight distance. Line of sight distance (LOS) readings will be displayed in the upper portion of the display. The lower display will briefly show the true horizontal distance (cosine) then the absolute value of the true vertical distance (sine). Have you ever wondered if that leaning tree would hit your home or tent if it fell? Measure the height by obtaining the true vertical distance and then measure the distance from your house or tent to the tree.



**TBR (TRUE BALLISTIC RANGE): RIFLE****TRUE BALLISTIC RANGE**

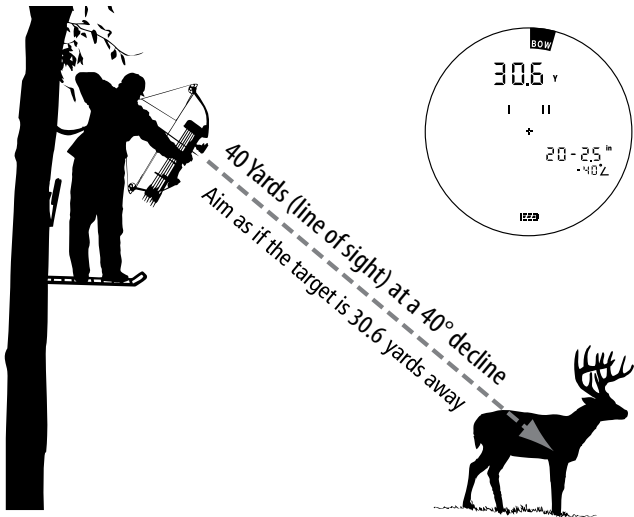
## **BOW**

This mode, when activated, works with TBR to provide the equivalent horizontal range (level fire range) for arrows. The displayed range represents the ballistically equivalent horizontal distance to the target if the target is 175 yards or less. If the target is farther than 175 yards (160 meters), the LOS icon will flash while BOW remains displayed, and resulting distance will be the line of sight distance only.

Most importantly, using BOW effectively means to Practice, Practice, Practice. Anytime you handle a firearm or bow, you are ultimately responsible for your projectile.

## **LINE OF SIGHT**

This mode, when activated, provides the straight line distance to the target without accounting for shot angle or specific ballistics.

**TBR (TRUE BALLISTIC RANGE): BOW**

## **FUNCTION 2: SEVEN RIFLE BALLISTICS GROUPS**

TBR includes ballistics settings for seven rifle cartridge groups, which are displayed as A, B, C, AB, AC, BC, and ABC. For example, if your cartridge type is in Group A, the displayed reading will account for the shot angle and provide the proper distance for holdover purposes (see following chart). You must choose one of the seven groups, based on your cartridge and ballistics information. TBR performance groups organize load performance in a way that generally provides less than 2.5 inches (1/2 minute of angle) of error in aiming out to 500 yards. The cartridge table shows a common assortment of factory loads organized in their TBR performance groups. If you are shooting a similar bullet weight and muzzle velocity that falls into the provided selections, you can use that mode with full confidence.

## TBR PERFORMANCE GROUPS: CARTRIDGE TABLE

TBR Group	Sight-In Distance	Cartridge Name	Bullet Weight (grains)	Muzzle Velocity (feet per second)
A	300 Yards	.270 Weatherby Magnum	100	3760
		Lazzeroni 7.21 Firebird	140	3640
		.30-.378 Weatherby	165	3500
		.30-.378 Weatherby	180	3450
		.300 Weatherby Magnum	150	3450
B	300 Yards	.240 Weatherby	87	3520
		.240 Weatherby	100	3400
		.270 Weatherby Magnum	130	3200
		.270 Weatherby Magnum	150	3245
		.270 Winchester Short Magnum	130	3250
		7mm Shooting Times Westerner	140	3330
		7mm Shooting Times Westerner	160	3050
		7mm Weatherby Magnum	139	3340
		7mm Weatherby Magnum	175	3070
		7mm Winchester Short Magnum	140	3310
		.300 Remington Ultra Magnum	180	3250
		.300 Remington Ultra Magnum	200	3025
		.300 Weatherby Magnum	180	3120
		.300 Winchester Magnum	150	3280
		.300 Winchester Magnum	180	2960
.300 Winchester Short Magnum	150	3300		
.300 Winchester Short Magnum	180	3025		
.338 Remington Ultra Magnum	180	3030		
C	200 Yards	.204 Ruger	32	4225
		.204 Ruger	40	3090
		.22-250 Remington	55	3650
		.223 Remington	40	3700

continued on next page



**TBR PERFORMANCE GROUPS: CARTRIDGE TABLE**

TBR Group	Sight-In Distance	Cartridge Name	Bullet Weight (grains)	Muzzle Velocity (feet per second)
C	200 Yards	.223 Winchester Super Short Magnum	55	3850
		.223 Winchester Super Short Magnum	64	3600
		.243 Winchester Super Short Magnum	55	4060
		.243 Winchester Super Short Magnum	100	3110
		.25 Winchester Super Short Magnum	85	3470
		.25-06 Remington	115	2990
		.25-06 Remington	120	2990
		.260 Remington	120	2890
		.270 Winchester	130	2910
		.270 Winchester	150	2850
		.270 Winchester Short Magnum	150	3275
		7mm Winchester Short Magnum	160	2990
AB	200 Yards	.280 Remington	140	2990
		.280 Remington	150	2890
		.243 Winchester	100	2950
		.243 Winchester	100	2960
		7mm-08	120	3000
		7mm-08	140	2800
AC	200 Yards	.338 Remington Ultra Magnum	250	2660
		.338 Winchester Magnum	210	2829
		.25 Winchester Super Short Magnum	120	2990
		.260 Remington	115	2750
		6.5x55mm Swedish	140	2630
		7mm Remington Magnum	175	2860
		.280 Remington	160	2940
		.300 H&H Magnum	180	2880
.300 Weatherby Magnum	200	2700		
.30-06 Springfield	125	3140		

continued on next page

**TBR PERFORMANCE GROUPS: CARTRIDGE TABLE**

TBR Group	Sight-In Distance	Cartridge Name	Bullet Weight (grains)	Muzzle Velocity (feet per second)
AC	200 Yards	.30-06 Springfield	180	2700
		.308 Winchester	150	2820
		.308 Winchester	168	2670
		.338 Winchester Magnum	210	2830
		.338 Winchester Magnum	250	2650
		.378 Weatherby Magnum	300	2800
		.460 Weatherby Magnum	450	2700
BC	200 Yards	.378 Weatherby Magnum	300	2925
ABC	200 Yards	.223 Remington	64	3020
		.378 Weatherby Magnum	300	2920

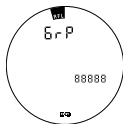
For hand loads or any other unique loads not shown in the above list, the table on the next page provides a guideline for selecting the appropriate TBR performance group. Check the ballistic performance of your bullet by consulting your reloading manual, ballistics software, or by referring to literature or Web sites provided by your cartridge manufacturer. You may also visit the Leupold Web site at [leupold.com](http://leupold.com) for more assistance in selecting your group. If you have your ballistics performance data, select your performance group from the table on the next page based on the bullet path at 500 yards. Be sure not to confuse bullet path with bullet drop. Bullet path will be related back to your sight-in range whereas bullet drop relates only to the total drop of the bullet, regardless of sight-in range.

**TBR PERFORMANCE GROUP SELECTION TABLE: FOR BEST FIT UP TO 500 YARDS**

TBR Group	500 Yards Bullet Path	Sight-in Range
A	Less than -20 inches of path height	300 Yards
B	-20 to -25 inches	300 Yards
C	-35 to -41 inches*	200 Yards
AB	-41 to -42.5 inches	200 Yards
AC	-42.5 to -49.5 inches	200 Yards
BC	-49.5 to -52 inches	200 Yards
ABC	More than -52 inches of path height (if the path height is more than 64 inches, performance will be reduced by the difference)	200 Yards

\* If your bullet height path is less than -20 inches at 500 yards with a 200 yard sight-in, consider sighting-in at 300 yards and selecting group A or B. Alternately, you can use group C with a 200 yard sight-in, but the TBR will be less accurate at extreme long ranges.

To activate the appropriate ballistics group, RFL must be activated and you must choose between BAS, MOA, MIL or HOLD. Once this has been done, pressing the MODE button will allow you to select the appropriate ballistics group. GrP (Group) will be shown in the upper display, and the current ballistics group will be shown in the lower display. Press and release POWER repeatedly to scroll through the available ballistics groups.



**Extreme Long Range Group Selection** — If you intend to shoot varmints or targets at ranges beyond 500 yards, selecting your group based on 800 yard performance will provide a better performance match throughout this working range. Select your group for extreme long range shooting from the table below.

**TBR PERFORMANCE GROUP SELECTION TABLE: FOR BEST FIT UP TO 800 YARDS**

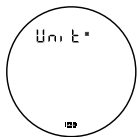
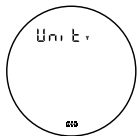
TBR Group	800 Yards Bullet Path	Sight-in Range
A	Less than -96 inches of path height	300 Yards
B	-96 to -120 inches	300 Yards
C	-139 to -164 inches**	200 Yards
AB	-164 to -189 inches	200 Yards
AC	-189 to -212 inches	200 Yards
BC	-212 to -236 inches	200 Yards
ABC	More than -236 inches of path height (if the path height is more than 250 inches, performance will be reduced by the difference)	200 Yards

\*\* If your bullet path height is less than -139 inches at 800 yards with a 200 yard sight-in, consider sighting-in at 300 yards and selecting group A or B. Alternately, you can use group C with a 200 yard sight-in, but the TBR will be less accurate at extreme long ranges.

*Remember: Knowing your theoretical bullet path at long ranges does not provide a license to take shots beyond ranges at which you have practiced, particularly at game animals or where stray shots could hit unintended targets. It is your responsibility to have intimate familiarity with the performance of your firearm and take full responsibility for the projectile. The RX-1300i TBR digital laser rangefinder may serve best as a tool for learning performance during practice at a secure range so you are ready for that critical shot.*

### FUNCTION 3: UNIT OUTPUT

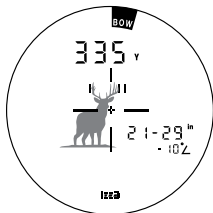
To choose between yards and meters, navigate through the Quick Set Menu by pressing the MODE button until “Unit” is shown in the upper display. Press and release the POWER button to alternate between yards and meters.



## FUNCTION 4: TROPHY SCALE™

The RX-1300i TBR lets you instantly and accurately judge the width and/or height of a target using Trophy Scale. To be used properly, you must enter the width/height measurement you would like to use as a baseline.

To set the Trophy Scale, enter the Quick Set Menu and activate Trophy Scale. Once Trophy Scale has been activated, press MODE to enter the Trophy Scale value set-up. At this point, the Trophy Scale value will be flashing; pressing POWER will increase the Trophy Scale value two inches/5 cm, at a time. The Trophy Scale value will begin at 10"/25 cm, for the initial set-up, or the last saved value for subsequent changes, and will progress up to 60"/150 cm. The next press of the POWER button will reset the numbers to 10"/25 cm again. Press MODE or wait for the power to "time out" to save the baseline measurement.



Once the baseline Trophy Scale value has been saved, the Trophy Scale bracketing system will automatically adjust to changing distances to the target, displaying a single mark on the left, and two marks on the right. To use Trophy Scale, place the left edge of the target on the left mark, the two marks on the right will represent a range of widths; for example, the closest of the right marks may represent a

width of 21" and the farther mark may represent a width of 29". If the target brackets perfectly between the left mark and the closer right mark, it measures 21", if the target brackets perfectly between the left mark and the farthest right mark, it measures 29". If the target falls between the two right marks, it measures approximately 25". To measure height, the same marks are used, but the RX-1300i TBR rangefinder must be held on its side. It is important to note that distance may limit the sizes available as a baseline measurement; small measurements may be limited at long distances and large measurements may be limited at short distances. Trophy Scale measurements are for reference only and may not be exact.

## FUNCTION 5: LAST TARGET MODE

This mode is used to display the distance to the farthest object when more than one object may be read. Last Target Mode ensures an accurate reading on the farthest object being ranged. For example tree stand hunters might range tree limbs in the line of sight to their target. Last Target mode will ensure you range the deer on the ground and not the tree limbs.

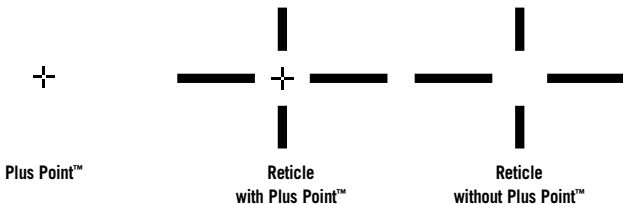
To activate Last Target mode, navigate through the Quick Set Menu by pressing the MODE button until the Last Target icon is shown in the left portion of the display. Press and release the POWER button to turn Last Target on/off.





## FUNCTION 6: 3 SELECTABLE RETICLES

This mode allows you to choose any one of the 3 preloaded reticles as the primary aiming point for the RX-1300i TRB digital laser rangefinder. To select a reticle, press Mode repeatedly until the current reticle is blinking. Press POWER repeatedly to scroll through the available reticles, then press MODE when the preferred reticle is shown. The reticle choices are as follows:



**Plus Point™:** Ideal for varmints and other small targets. Small open center avoids coverage of very small or distant targets.

Reticle draws your eye to the center, easy to see, does not cover the target in the center where aiming is most critical.

## 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 battery cover (*shown in diagram on page 5*) and remove exhausted battery. Insert new CR-2 battery, negative terminal first, into the battery compartment. Close battery cover.

To focus the digital laser rangefinder, turn the eyepiece left or right (you will feel and hear the clicking of the diopter, indicating a change to the focus has been made) until crisp display focus is achieved.

RX-1300i TBR is waterproof.

RX-1300i TBR includes a lanyard and is equipped with a lanyard attachment for added security in the field. An instructional supplement is supplied in the inside pocket of the included case.

## HELPFUL HINTS FOR USING THE LEUPOLD RX-1300i DIGITAL LASER RANGEFINDERS

### **HOW DO I ACTIVATE TRUE BALLISTIC RANGE (TBR)?**

See Function 1 on page 12. Be sure to select the proper group for rifles on pages 21-25.

### **HOW DO I ACTIVATE SIMPLE LINE OF SIGHT (LOS) RANGE?**

Follow the Quick Set Menu procedure (*see page 11*).

### **WHEN I SHOOT BASED ON THE TRUE BALLISTIC RANGE READOUT PROVIDED BY THE RANGEFINDER, THE PROJECTILE IS NOT HITTING THE TARGET.**

The first step in correctly using TBR is to Practice, Practice, Practice. Anytime you handle a firearm or bow, you are ultimately responsible for your projectile. Be certain that if you're shooting a bow that "BOW" is turned on. Be certain that if you're shooting a rifle that "RFL" is turned on.

Be certain you selected the correct ballistics groups (*see pages 21-25 for rifles*). It is imperative that a rifle be sighted-in at the recommended range.

For rifles, ballistics performance of firearms and ammunition may vary from manufacturers published information.

**RANGEFINDER DOES NOT PROVIDE RANGE.**

- Make sure that the POWER button is being depressed (as opposed to MODE button)
- Make sure that nothing, such as your hand or finger, is blocking the lenses — as this could interfere with the emission and reception of the laser pulses
- Make sure unit is held steadily while depressing the POWER button
- When using BOW mode, it is important to note that TBR returns are limited to 175 yards; returns greater than 175 yards will be displayed as LOS and the LOS icon will flash
- Make sure the target is at least 6 yards away

## 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](http://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](http://leupold.com)

**BY PARCEL SERVICE:**

Leupold Product Service  
14400 NW Greenbrier Parkway  
Beaverton, OR 97006-5791 USA

**BY POSTAL SERVICE:**

Leupold Product Service  
P.O. Box 688  
Beaverton, OR 97075-0688 USA

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

Please take a few minutes to register your product at [leupold.com/account/login](http://leupold.com/account/login).

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# NOTES



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WWW.LEUPOLD.COM

LEUPOLD & STEVENS INC.

P.O. BOX 688

BEAVERTON, OR 97075-0688 U.S.A.

1(800) LEUPOLD (538-7653)

14400 NW GREENBRIER PARKWAY

BEAVERTON, OR 97006-5790 U.S.A.

(503) 526-1400

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