



LEUPOLD®



RX™-IV

Boone and Crockett™

Edition

Rangefinder



OPERATING INSTRUCTIONS

Introduction

Congratulations! You have purchased a Leupold® RX™-IV Boone and Crockett™ Edition digital laser rangefinder that has been designed by Leupold's engineers and designers to be the best rangefinder on the market 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-IV Boone and Crockett Edition rangefinder. To ensure top performance for the life of the product, please read these instructions before operating your rangefinder.

Your new Leupold RX-IV Boone and Crockett Edition digital laser rangefinder is a revolutionary range-finding device that incorporates advanced digital electronics with state-of-the-art ballistics algorithms. True Ballistic Range™ 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. RX-IV Boone and Crockett Edition features include an inclinometer, but the truly innovative and unique features are True Ballistic Range (TBR™) and Trophy Scale™.

True Ballistic Range (TBR) is a marriage of laser ranging, inclinometer, and an advanced computerized ballistics program. The result is distance measuring precise 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. True Ballistic Range delivers the ballistic equivalent range to the target, accounting for the effects of inclines (either up or down) on the path of your bullet or arrow. Other features that are provided for firearms are outputs that display either MOA adjustments or inches/centimeters of holdover at that specific distance. True Ballistic Range eliminates any potentially

significant error, and provides a precise range for your aiming calculations. TBR is matched to each of seven firearm ballistics groups and three archery ballistics groups, allowing use with most popular firearms and bows. RX-IV Boone and Crockett Edition rangefinders add the ability to accurately judge the width and height of a target using Trophy Scale (see page 3) as well as showing the exact aim point to be used with your Boone and Crockett Big Game reticle (see page 7).

The ranging accuracy of all Leupold RX Series rangefinders is +/- one yard/meter. The maximum range of the unit depends on the reflectivity of the target (as do all rangefinders). Following is a reference table listing the ranges of the various models under different conditions:

CONDITION	MAXIMUM RANGE				
	RX-I	RX-II	RX-III	RX-IV	RX-IV Boone and Crockett Edition
Reflective Target (yd/m)	750/686	750/686	1,200/1,097	1,500/1,372	1,500/1,372
Trees (yd/m)	600/549	600/549	700/640	800/732	800/732
Deer (yd/m)	500/457	500/457	600/549	700/640	700/640

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.

Specifications

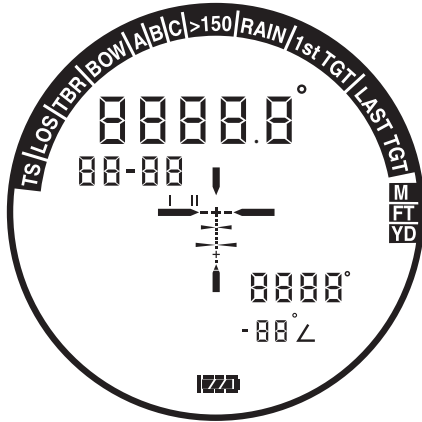
The RX Series of digital laser rangefinders provides a variety of useful modes to tailor performance to the conditions you experience in the field. Model features are identified on the following pages.

	RX-I	RX-II	RX-III	RX-IV	RX-IV Boone and Crockett Edition
Magnification	6x	6x	8x	8x	8x
Inclinometer	No	Yes	Yes	Yes	Yes
TBR (True Ballistic Range)	No	Yes	Yes	Yes	Yes
Match 13™ Reticle System™	Yes	Yes	Yes	Yes	No*
Trophy Scale	No	No	No	No	Yes
Quick Set Rotary Menu™	Yes	Yes	Yes	Yes	Yes
Long Range Mode	Yes	Yes	Yes	Yes	Yes
Rain Mode	No	Yes	Yes	Yes	Yes
1st Target Mode	No	Yes	Yes	Yes	Yes
Last Target Mode	No	Yes	Yes	Yes	Yes
Line of Sight Distance (LOS)	Yes	Yes	Yes	Yes	Yes
Compass With Tilt Compensation	No	No	No	Yes	No
Thermometer °C to °F	Yes	Yes	Yes	Yes	No
Yards/Feet/Meters Mode	Yes	Yes	Yes	Yes	Yes
Scan Mode	Yes	Yes	Yes	Yes	Yes
Illuminated Display	No	No	Yes	Yes	Yes
Clear Field™ Display Cleanup Mode	Yes	Yes	Yes	Yes	Yes
Battery Life	2000 Actuations	2000 Actuations	2000 Actuations	2000 Actuations	2000 Actuations
Weight	6.8 oz/193 g	6.8 oz/193 g	12 oz/340 g	12 oz/340 g	12 oz/340 g
Dimension (Inches)	4" x 2.75" x 1.5"	4" x 2.75" x 1.5"	4.7" x 3.5" x 2"	4.7" x 3.5" x 2"	4.7" x 3.5" x 2"
Dimension (Centimeters)	10 x 7 x 3.8	10 x 7 x 3.8	12 x 8.8 x 5	12 x 8.8 x 5	12 x 8.8 x 5
Low Battery Indicator	Yes	Yes	Yes	Yes	Yes
Warranty	1 Year	1 Year	2 Years	2 Years	2 Years
Weatherproof/Waterproof	Weatherproof	Weatherproof	Waterproof	Waterproof	Waterproof

* RX-IV Boone and Crockett Edition comes with Boone and Crockett™, Crosshair, and Plus Point™.

Operation

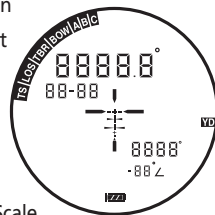
QUICK SET ROTARY MENU™



*Display shown with all possible modes visible

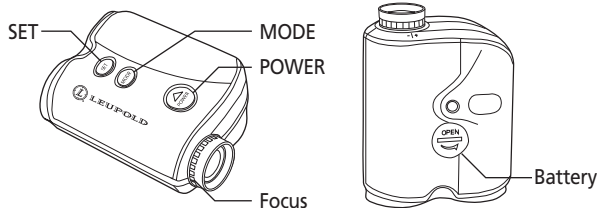
QUICK START MODE

Leupold RX-IV Boone and Crockett™ Edition rangefinders are shipped in the Quick Start Mode, limiting the available options to those most commonly used. Each of the three TBR™ rifle settings is available (page 4), as well as each ballistics group (bow – page 5, rifle – page 6), and Trophy Scale. All returns will be measured in yards; to access all other modes the Advanced Mode must be activated.



To activate Advanced Mode, press and hold all buttons for 10 seconds; you will see a numeric count-down displayed. Once the display has reached "0", every icon will be displayed, indicating Advanced Mode has been activated. To return to Quick Start Mode, simply press and hold all buttons again for 10 seconds; you will see the same numeric count-down displayed. Once the display has reached "0", only those icons available in Quick Start Mode will be displayed, indicating Quick Start Mode has been activated.

RX™-IV BOONE AND CROCKETT™ EDITION



The RX-IV Boone and Crockett Edition digital laser rangefinders have three buttons: POWER, MODE, and SET. To toggle between Quick Start Mode and Advanced Mode, press and hold all buttons for 10 seconds.

When you initially push the POWER button, the unit is ready for scanning. When you first press and hold the MODE button for 1 second, the Quick Set Rotary Menu™ is prepared for navigation in the Quick Start Mode. To access Advanced Mode, all buttons must be held simultaneously for 10 seconds. To set or activate a mode, you must advance to that function by pressing the MODE button until that function is flashing. To activate a mode, press the SET button, the icon will display steadily and the word "ON" will appear in the bottom right portion of the display. If this is the last mode to be set, allowing the rangefinder to sit idle for 20 seconds will cause an automatic power-off, saving all selections. If additional modes require activation/deactivation, simply press MODE to continue around the Quick Set Rotary Menu. Pressing and holding MODE for 1 second at any time will exit the Quick Set Rotary Menu, save all previous changes, and prepare the rangefinder for immediate use.

NOTE: Activating certain modes automatically disables other modes. For example, 1st Target and Last Target Mode work to achieve opposite goals; activating one will automatically deactivate the other. Long Range and Rain Mode can be on at the same time.

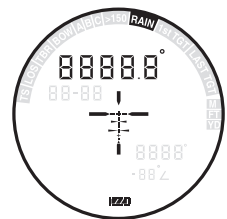
FUNCTION 1: LONG RANGE MODE

This mode is used when you want the rangefinder to range only those items beyond 150 yards (137 meters). If you are ranging targets closer than 150 yards (137 meters), turn the Long Range Mode off. This mode automatically limits returns to targets of distances greater than 150 yards (137 meters). When ranging targets closer than 150 yards (137 meters), this mode will need to be deactivated before a return will be displayed.



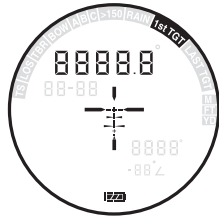
FUNCTION 2: RAIN MODE

The Rain Mode is used in rainy/foggy conditions and screens out false returns from raindrops or other atmospheric interference to provide an accurate range.



FUNCTION 3: 1ST TARGET MODE

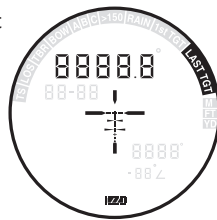
1st Target Mode is used to display the distance to the closest object when more than one object may be hit by the beam. Multiple objects will often return an average distance. 1st Target Mode ensures an accurate reading on the closest object.



Last Target Mode is automatically disabled while 1st Target Mode is activated.

FUNCTION 4: LAST TARGET MODE

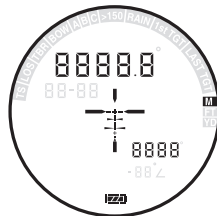
This mode is used to display the distance to the farthest object when more than one object may be read. Multiple objects will often return an average distance. Last Target Mode ensures an accurate reading on the farthest object.



1st Target Mode is automatically disabled while Last Target Mode is activated.

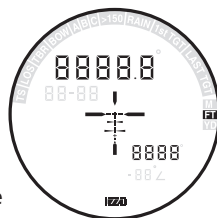
FUNCTION 5: METER OUTPUT

This mode displays both LOS (Line of Sight) and TBR ranges in meters, and will disable readings in yards or feet. TBR is displayed with one decimal place resolution in large numbers just above the reticle, LOS is displayed in small numbers above the angle readout (just below and to the right of the reticle).



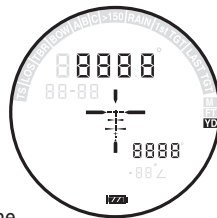
FUNCTION 6: FEET OUTPUT

This mode displays both LOS (Line of Sight) and TBR ranges in feet, and will disable readings in yards or meters. TBR is displayed with one decimal place resolution in large numbers just above the reticle, LOS is displayed in small numbers above the angle readout (just below and to the right of the reticle).



FUNCTION 7: YARDS OUTPUT

This mode displays both LOS (Line of Sight) and TBR ranges in yards, and will disable readings in meters or feet. TBR is displayed (no decimal place resolution) in large numbers just above the reticle, LOS is displayed in small numbers above the angle readout (just below and to the right of the reticle).

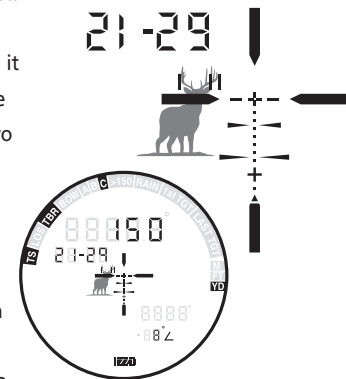


FUNCTION 8: TROPHY SCALE™

RX-IV Boone and Crockett™ Edition model 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 (available in both Quick Start Mode and Advance Mode), enter the Quick Set Rotary 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 SET will increase the Trophy Scale value one inch 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" (152 cm). The next press of the SET 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.

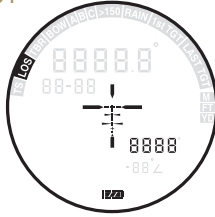
Once the baseline Trophy Scale value has been saved, the Trophy Scale bracketing system will automatically adjust to changing distances to the target, displaying a single mark on the left, and two marks on the right. To use Trophy Scale, place the left edge of the target on the left mark, the two marks on the right will represent a range of widths; for example, the closest of the right marks may represent a width of 21" (53 cm) and the farther mark may represent a width of 29" (74 cm). If the target brackets perfectly between the left mark and the closer right mark, it measures 21" (53 cm), if the target brackets perfectly between the left mark and the farther mark, it measures 29" (74 cm). If the target falls between the two right marks, it measures 25" (63.5 cm). To measure height, the same marks are used, but the RX-IV Boone and Crockett Edition 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.



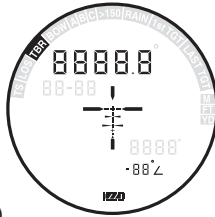
FUNCTION 9: LINE OF SIGHT OUTPUT

This mode, when activated, automatically deactivates TBR and BOW Modes, as well as all ballistics groups. LOS provides the straight line distances to the target without accounting for angle or specific ballistics.

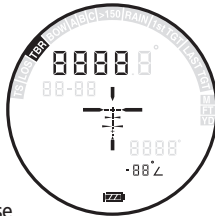


FUNCTION 10: TRUE BALLISTIC RANGE (TBR – RIFLES)

This mode, when activated calculates the equivalent horizontal range (level fire range) from which you can determine the correct aim for the conditions (selecting TBR automatically deactivates BOW Mode and LOS Mode). For example, if you are shooting a .270 caliber, 130 grain (8.4 gram) bullet at 3,050 feet per second (930 meters per second) up a 30° incline at 400 yards (366 meters) direct line of sight, the TBR output will be 364 yards (333 meters). State-of-the-art processing algorithms, developed by the same engineers who developed Sierra Infinity® Exterior Ballistics Software and who developed ballistics algorithms for many space vehicles over the last 40 years, determine the True Ballistic Range with incredible accuracy, eliminating potential errors that could cause you to miscalculate your aiming point. 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.



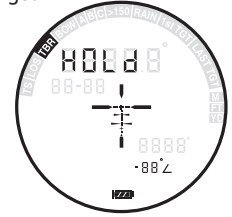
For rifle users, adjustment or holdover information can also be displayed. The available settings are as follows: MOA displays the minute of angle correction, HOLD displays the inches or centimeters to holdover the intended point of impact, and BAS outputs the equivalent range to use with Leupold's Ballistics Aiming System™ reticles or the equivalent horizontal range. RX-IV Boone and Crockett™ Edition users can also choose to have the appropriate aim point for the Boone and Crockett reticle flash, showing exactly which position of the reticle to use (for more information on this feature see page 7). TBR for rifle settings is effective to 800 yards (732 meters) for most cartridges.



For rifle users, TBR mode is comprised of three functions: HOLD, MOA, and BAS. One of these modes must be selected. To select the desired function, scroll through the Quick Set Rotary Menu until TBR is reached (activate if necessary). While the TBR icon is highlighted, pressing MODE repeatedly will scroll through HOLD, MOA, and BAS respectively; press SET when the desired function is displayed.

For information regarding BOW settings, please see page 5.

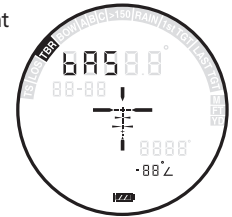
HOLD will display your holdover for that target at that distance, which is based upon the ballistics group and sight-in distance you will choose in a later mode. The upper digits display holdover measured in inches if feet or yards is the chosen measurement output. Centimeters of holdover will be displayed if meters is the chosen measurement output. Your hold will be shown as "HI 999" or "LO 999"



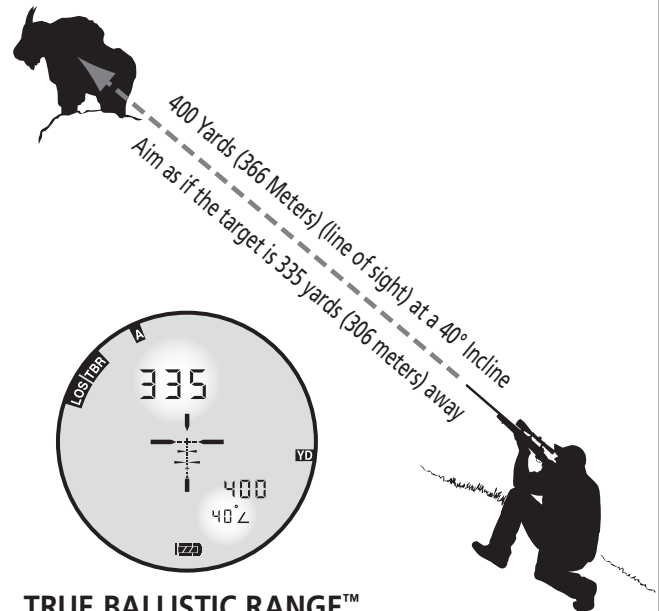
MOA Mode will show the minute of angle adjustment for your target, accounting for the True Ballistic Range. The upper display will show MOA adjustment as "UP 999" and "dn 999"



BAS displays the equivalent horizontal range. 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. Returns will be displayed with equivalent horizontal range.



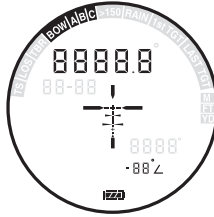
TBR™ (TRUE BALLISTIC RANGE™): RIFLE



TRUE BALLISTIC RANGE™

FUNCTION 11: BOW MODE

This mode, when activated, works with TBR to provide the correct ballistics range for arrows. To activate, move through the Quick Set Rotary Menu by pressing MODE and select BOW by pressing SET. Selecting the BOW Mode automatically deactivates the Rifle (TBR) Mode and LOS Mode. The displayed range represents the ballistically equivalent horizontal distance to the target. It incorporates three different groups (A, B, or C) depending on the particular arrow drop. You must choose one of the three groups, based on your bow and arrow selection. Only one group can be selected at a time. Selecting a new group deactivates all other groups. Most importantly, using BOW effectively means to Practice, Practice, Practice. Anytime you handle a firearm or bow, you are ultimately responsible for your projectile.



BOW GROUP DATA			
Bow Group	Initial Arrow Velocity (feet/meter per second)	Drop from 20 yard (18 meter) pin at 40 yards (37 meters)	Typical Bow Description
A	Less than 215 ft/ Less than 66 m	30 or more inches/ 76 or more cm	Older bows shooting aluminum arrows and newer bows set at draw weights below 50 lb (23 kg)
B	215 to 250 ft/ 66 to 76 m	20 to 30 inches/ 51 to 76 cm	Quality, newer bows shooting carbon arrows at 50-65 lb (23-29 kg) draw weight
C	250 or more ft/ 76 m or more	Less than 20 inches/ Less than 51 cm	Fast bows with draw weights in excess of 65 lb (29 kg)

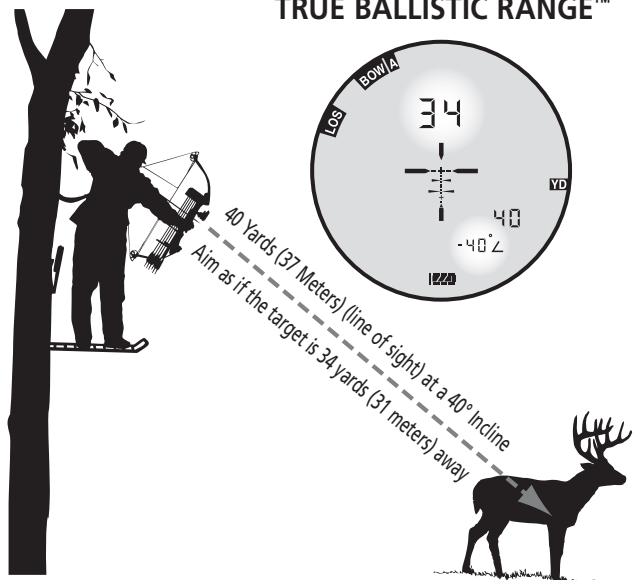
For best results, measure the drop of your arrow at 40 yards (37 meters) when using your 20 yard (18 meter) aiming point.

1. Set up a small target point such as a two-inch circle of paper high on a large, safe background, such as a stack of bales backed by a solid backstop. Be sure to allow for three feet or more of drop to avoid arrow damage.

2. Shoot 2 or 3 arrows at the target from 40 yards (37 meters), using your 20 yard (18 meter) pin on the small target.
3. Measure the distance from the small target to the center of the group of arrows.
4. Select your TBR bow group from the "Drop from 20 yard (18 meter) pin at 40 yards (37 meters)" column on the BOW Group Data chart to the left.

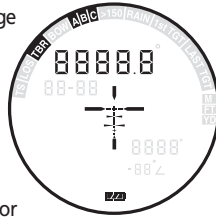
Initial velocity should only be used if an arrow speed chronograph measurement has been obtained. Manufacturer's published data such as IBO speed is based on standard draw length and weight that is likely to vary with your bow, therefore the actual performance may not be the same.

TBR™ (TRUE BALLISTIC RANGE™): ARCHERY



FUNCTION 12: SEVEN RIFLE BALLISTICS GROUPS

TBR includes ballistics settings for seven cartridge groups specifically formulated for the three functions of TBR, which are displayed as A, B, C, AB, AC, BC, and ABC. For example, if your cartridge group is in Group A, the return in Function 12 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 (6.35 cm) (1/2 minute of angle) of error in aiming out to 500 yards (457 meters). 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) (grams)		Muzzle Velocity (feet per second) (meters per second)	
A	300 Yards/ 274 Meters	.270 Weatherby Magnum	100	6.5	3760	1146
		Lazzeroni 7.21 Firebird	140	9.1	3640	1109
		.30-378 Weatherby	165	10.7	3500	1067
		.30-378 Weatherby	180	11.7	3450	1052
		.300 Weatherby Magnum	150	9.7	3450	1059
		.240 Weatherby	87	5.6	3520	1073
		.240 Weatherby	100	6.5	3400	1036
		.270 Weatherby Magnum	130	8.4	3200	975
		.270 Weatherby Magnum	150	9.7	3245	989
		.270 Winchester Short Magnum	130	8.4	3250	991
B	300 Yards/ 274 Meters	7mm Shooting Times Westerner	140	9.1	3330	1015
		7mm Shooting Times Westerner	160	10.4	3050	930
		7mm Weatherby Magnum	139	9.0	3340	1018
		7mm Weatherby Magnum	175	11.3	3070	936
		7mm Winchester Short Magnum	140	9.1	3310	1009
		.300 Remington Ultra Magnum	180	11.7	3250	991
		.300 Remington Ultra Magnum	200	13.0	3025	922
		.300 Weatherby Magnum	180	11.7	3250	991
		.300 Winchester Magnum	150	9.7	3280	1000
		.300 Winchester Magnum	180	11.7	2960	902
C	200 Yards/ 183 Meters	.204 Ruger	32	2.1	4225	1288
		.204 Ruger	40	2.6	3090	942
		.22-250 Remington	55	3.6	3650	1113
		.223 Remington	40	2.6	3700	1128
		.223 Winchester Super Short Magnum	55	3.6	3850	1173
		.223 Winchester Super Short Magnum	64	4.1	3600	1097
		.243 Winchester Super Short Magnum	55	3.6	4060	1237
		.243 Winchester Super Short Magnum	100	6.5	3110	948
		.25 Winchester Super Short Magnum	85	5.5	3470	1058
		.25-06 Remington	115	7.5	2990	911
AB	200 Yards/ 183 Meters	.25-06 Remington	120	7.8	2990	911
		.260 Remington	120	7.8	2890	881
		.270 Winchester	130	8.4	2910	887
		.270 Winchester	150	9.7	2850	869
		.270 Winchester Short Magnum	150	9.7	3275	998
		7mm Winchester Short Magnum	160	10.4	2990	911
		.280 Remington	140	9.1	2990	911
		.280 Remington	150	9.7	2890	881
		.243 Winchester	100	6.5	2950	899
		.243 Winchester	100	6.5	2960	902
AC	200 Yards/ 183 Meters	7mm-08	120	7.8	3000	914
		7mm-08	140	9.1	2800	853
		.338 Remington Ultra Magnum	250	16.2	2660	811
		.338 Winchester Magnum	210	13.6	2829	862
		.25 Winchester Super Short Magnum	120	7.8	2990	911
		.260 Remington	115	7.5	2750	838
		6.5x55mm Swedish	140	9.1	2630	802
		7mm Remington Magnum	175	11.3	3150	960
		.280 Remington	160	10.4	2940	896
		.300 H&H Magnum	180	11.7	2880	878
ABC	200 Yards/ 183 Meters	.300 Weatherby Magnum	200	13.0	2700	823
		.30-06 Springfield	125	8.1	3140	957
		.30-06 Springfield	180	11.7	2700	823

TBR PERFORMANCE GROUPS: CARTRIDGE TABLE						
TBR Group	Sight-In Distance	Cartridge Name	Bullet Weight (grains) (grams)		Muzzle Velocity (feet per second) (meters per second)	
AC	200 Yards/ 183 Meters	.308 Winchester	150	9.7	2820	860
		.308 Winchester	168	10.9	2670	814
		.338 Winchester Magnum	210	13.6	2830	863
		.338 Winchester Magnum	250	16.2	2650	808
		.378 Weatherby Magnum	300	19.4	2800	853
BC	200 Yards/ 183 Meters	.460 Weatherby Magnum	450	29.2	2700	823
		.378 Weatherby Magnum	300	19.4	2925	892
ABC	200 Yards/ 183 Meters	.223 Remington	64	4.1	3020	920
		.378 Weatherby Magnum	300	19.4	2920	890

For hand loads or any other unique loads not shown in the above list, the table below provides a guideline for selecting the appropriate TBR performance group. Check the ballistics 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 www.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 (457 meters). 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 (457 METERS)		
TBR Group	500 Yards (457 Meters) Bullet Path	Sight-in Range
A	Less than -20 inches (-51 cm) of path height	300 Yards/274 Meters
B	-20 to -25 inches (-51 to -64 cm)	300 Yards/274 Meters
C	-35 to -41 inches* (-89 to -104 cm)	200 Yards/183 Meters
AB	-41 to -42.5 inches (-104 to -108 cm)	200 Yards/183 Meters
AC	-42.5 to -49.5 inches (-108 to -126 cm)	200 Yards/183 Meters
BC	-49.5 to -52 inches (-126 to -132 cm)	200 Yards/183 Meters
ABC	More than -52 inches (-132 cm) of path height [if the path height is more than 64 inches (163 cm), performance will be reduced by the difference]	200 Yards/183 Meters

* If your bullet path height is less than -20 inches (-51 cm) at 500 yards (457 meters) with a 200 yard (183 meter) sight-in, consider sighting-in at 300 yards (274 meters) and selecting group A or B. Alternately, you can use group C with a 200 yard (183 meter) sight-in, but the TBR will be less accurate at extreme long ranges.

Extreme Long Range Group Selection — If you intend to shoot varmints or targets at ranges beyond 500 yards (457 meters), selecting your group based on 800 yard (732 meter) performance will provide a better performance match throughout this working range. Select your group for extreme long-range shooting from the table below.

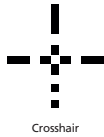
TBR PERFORMANCE GROUP SELECTION TABLE: FOR BEST FIT UP TO 800 YARDS (732 METERS)		
TBR Group	800 Yards (732 Meters) Bullet Path	Sight-in Range
A	Less than -96 inches (-244 cm) of path height	300 Yards/274 Meters
B	-96 to -120 inches (-244 to -305 cm)	300 Yards/274 Meters
C	-139 to -164 inches** (-353 to -417 cm)	200 Yards/183 Meters
AB	-164 to -189 inches (-417 to -480 cm)	200 Yards/183 Meters
AC	-189 to -212 inches (-480 to -538 cm)	200 Yards/183 Meters
BC	-212 to -236 inches (-538 to -599 cm)	200 Yards/183 Meters
ABC	More than -236 inches (-599 cm) of path height [if the path height is more than 250 inches (635 cm), performance will be reduced by the difference]	200 Yards/183 Meters

** If your bullet path height is less than -139 inches (-353 cm) at 800 yards (732 meters) with a 200 yard (183 meter) sight-in, consider sighting-in at 300 yards (274 meters) and selecting group A or B. Alternately, you can use group C with a 200 yard (183 meter) 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 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 13: THREE SELECTABLE RETICLES

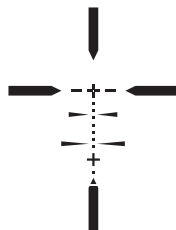
By selecting this mode, any one of three preloaded reticles can be chosen as the primary aiming point for the RX-IV Boone and Crockett™ Edition digital laser rangefinder. To select a reticle, press MODE repeatedly until you approach the end of the Quick Set Rotary Menu (just after ballistics group C). Each successive time MODE is pressed will change the reticle style. Press SET to select a reticle. The reticle choices are as follows:



Crosshair: Its simplicity and versatility have made it a longtime favorite of hunters. It naturally draws your eye to the center and the target.

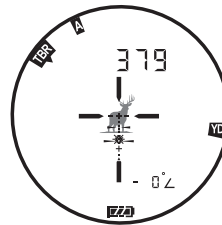


Plus Point™: Ideal for varmints and other small targets. Small open center avoids coverage of very small or distant targets.

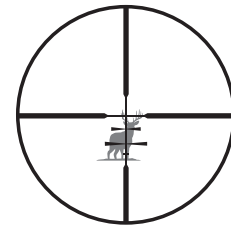


Boone and Crockett™: Offers the ability to see the exact hold point required to ensure precise bullet placement when using a Boone and Crockett reticle in your VX®-III, VX-L™, or VX-7 rifle scope.

RX-IV Boone and Crockett Edition rangefinders include an interactive Boone and Crockett reticle which flashes to show exactly which portion of a Boone and Crockett rifle scope reticle should be used to make the shot. Simply use the center of the rangefinder's reticle to obtain a distance reading to the target. TBR works to automatically compensate for your specific ballistics and shot angle, showing exactly which portion of your Boone and Crockett rifle scope reticle should be used for precise bullet placement.



View through RX-IV Boone and Crockett Edition Rangefinder



View through VX-III, VX-L, or VX-7 rifle scope reticle to ensure exact shot placement

OTHER USEFUL FEATURES

Clear Field™ Function: This allows you to clear the icons for modes, units, etc., without deactivating the modes.

To toggle Clear Field on and off – hold the POWER button, then press the MODE button.

Display Illumination: Hold down the SET button to provide sharp display contrast for optimum readability in low-light situations.

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 2) 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-IV Boone and Crockett™ models are waterproof.

All models include a lanyard and are equipped with a lanyard attachment for added security in the field. All models are also supplied with a small instructional supplement in the inside pocket of the included case.

Helpful Hints for Using the Leupold RX-IV Boone and Crockett™ Edition Digital Laser Rangefinders

HOW DO I ACTIVATE TBR?

This feature automatically deactivates LOS and BOW, and is available in both Quick Start and Advanced Modes. Press and hold the MODE button for at least 1 second to enter the Quick Set Rotary Menu. Once you have entered the menu, press the MODE button repeatedly until the TBR icon is flashing. Once the TBR icon is flashing press the SET button repeatedly until the word "ON" is displayed. TBR is now activated; you can wait for the unit to automatically "time out" after 20 seconds, or press and hold the MODE button to save the selection and return to a ready status.

HOW DO I ACTIVATE LOS?

This feature automatically deactivates TBR, BOW, and all ballistics groups and is available in both Quick Start and Advanced Modes. Press and hold the MODE button for at least 1 second to enter the Quick Set Rotary Menu. Once you have entered the menu, press the MODE button repeatedly until the LOS icon is flashing. Once the LOS icon is flashing press the SET button repeatedly until the word "ON" is displayed. LOS is now activated; you can wait for the unit to automatically "time out" after 20 seconds, or press and hold the MODE button to save the selection and return to a ready status.

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 "TBR" is turned on.

Be certain you selected the correct ballistics groups (see page 6).

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 OR RANGE IS OBVIOUSLY INCORRECT.

Make sure you don't have a mode turned on that prevents the rangefinder from ranging your target. For example, if Long Range Mode is on and ">150" appears at the top of the display, you will not be able to range something at 50 yards (45 meters).

The target may also be absorbing too much light (as in extremely dark-colored animals). Try ranging an object next to the target.

Try turning on a mode that improves performance in your conditions such as Rain Mode when it is raining (see Function 2 on page 2).

HOW DO I ACTIVATE THE INCLINOMETER READOUT?

RX-II, RX-III, RX-IV, and RX-IV Boone and Crockett™ Edition: TBR or BOW must be activated for angle of inclination to display (see Function 11 on page 5).

Warranty/Repair

Your Leupold RX Series digital laser rangefinder is warranted by the Leupold Green Ring™ Electronics Warranty, and is protected from defects in materials and workmanship for TWO YEARS (RX-III, RX-IV, and RX-IV Boone and Crockett Edition models) from the date of purchase. In event of a need for service or repair, please contact Leupold Product Service at:

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:
www.leupold.com, or call (503) 526-1400 or (800) LEUPOLD (538-7653).

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