



RX[®]-5000 TBR/W
DIGITAL LASER RANGEFINDER
Operating Instructions

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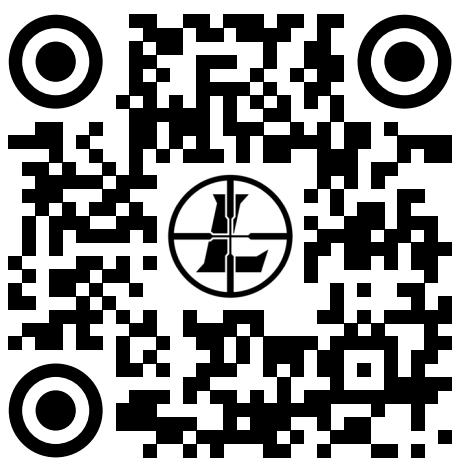
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INTRODUCTION

Congratulations on your purchase of the RX-5000 rangefinder!

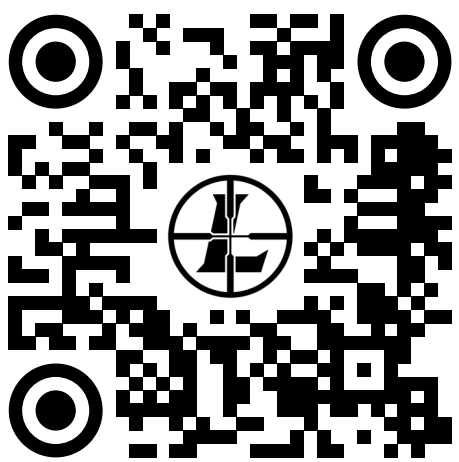
This cutting-edge device seamlessly connects to the Leupold Control App, allowing you to change settings, remotely trigger the rangefinder, and pin digital waypoints at distances of over three miles.

For optimal performance throughout the life of your product, we have included detailed instructions on its proper use and application. Please read these instructions carefully before operating the device.



Scan the QR Code for Additional Leupold RX-5000 Support

- Overview
- Installing the Leupold Control app
- Setting up your tripod mount
- Maintenance and troubleshooting



Scan the QR Code for Leupold Control App Operating Instructions

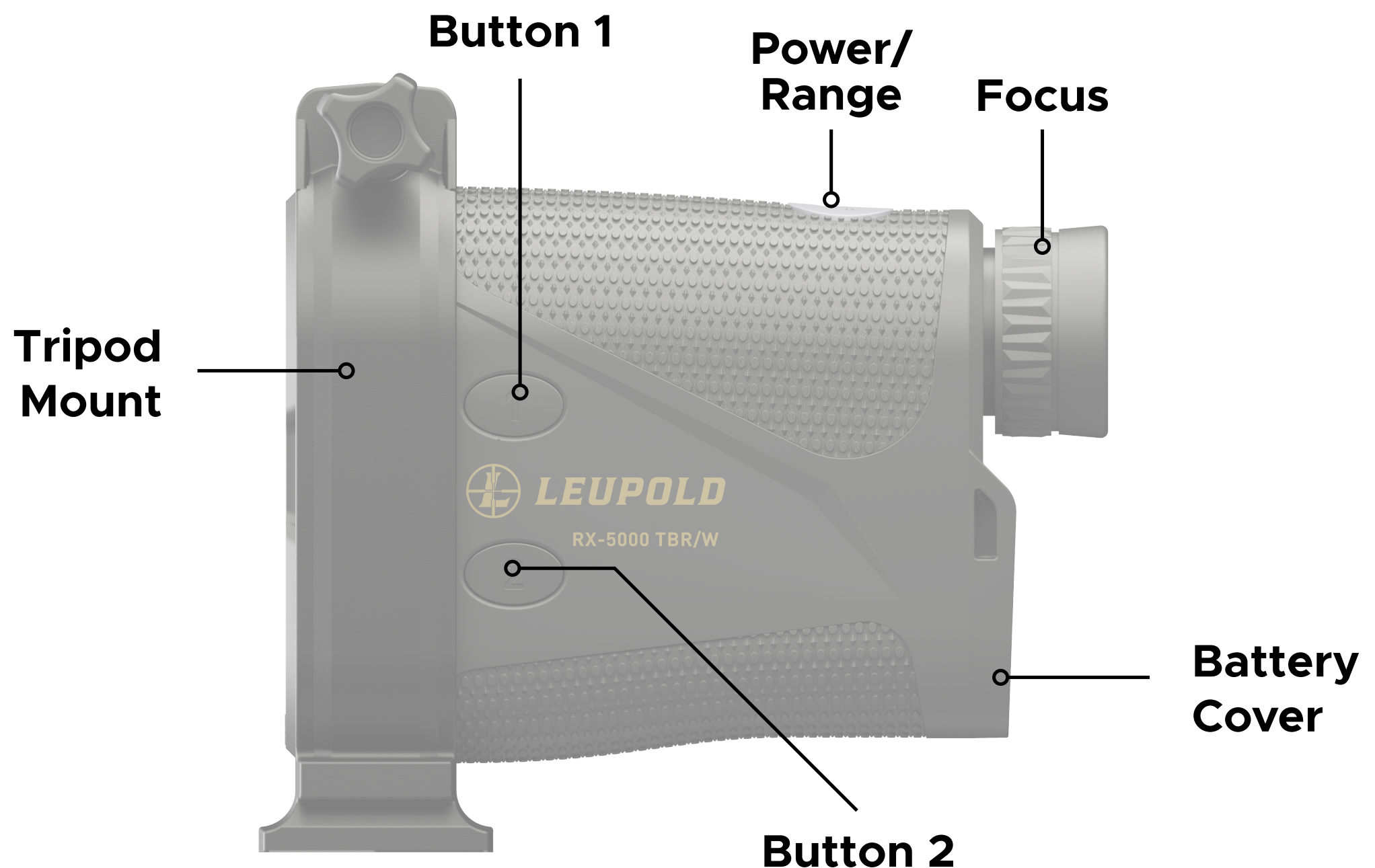
- TBR/W load group selection
- Pinning
- Hornady 4DOF app support
- Accessory pairing

SPECIFICATIONS

RX-5000	
Magnification	8x
True Ballistic Range/Wind (TBR/W)	Yes
Inclinometer	Yes
Hornady 4DOF	Yes
Precision Cut Archery	Yes
Line of Sight Distance (LOS)	Yes
Scan Mode	Yes
Compass (<2° RMS when calibrated)	Yes
Yards/Meters Mode	Yes
Connects to Leupold Control App	Yes
Bright Red OLED Display	Yes
Battery Status Indicator	Yes
Battery Life (Bluetooth off)	>4,000 Actuations
Weight (with battery installed)	9.7 oz
Dimensions (in)	4.4 x 3.1 x 1.6 (LxHxW)
Warranty	5 Years
Waterproof	Yes

TYPICAL MAXIMUM RANGES		
CONDITION	YARDS	METERS
Reflective Targets	5,000 / 5,000	4,572 / 4,572
Trees	3,100 / 5,000	2,835 / 4,572
Deer	2,000 / 5,000	1,829 / 4,572

BASIC OPERATION

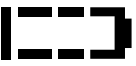
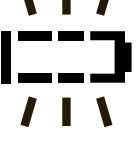


BATTERY INSTALLATION

Twist the battery cap counterclockwise to remove it. Once the cap is off, install a new CR123 battery, positive terminal (+) first. Replace the battery cap and ensure it is tightened securely.

BATTERY STATUS INDICATOR

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

-  **FULL** – The battery is at or near peak capacity.
-  **1/3** – The battery is nearing the end of its life and should be replaced.
-  **NO POWER** – The battery is dead and must be replaced.

EYECUP ADJUSTMENT

Turn the eyecup until the display appears sharp and in focus. If you're wearing glasses, fold down the eyecup to provide a larger field of view and a more comfortable viewing experience.

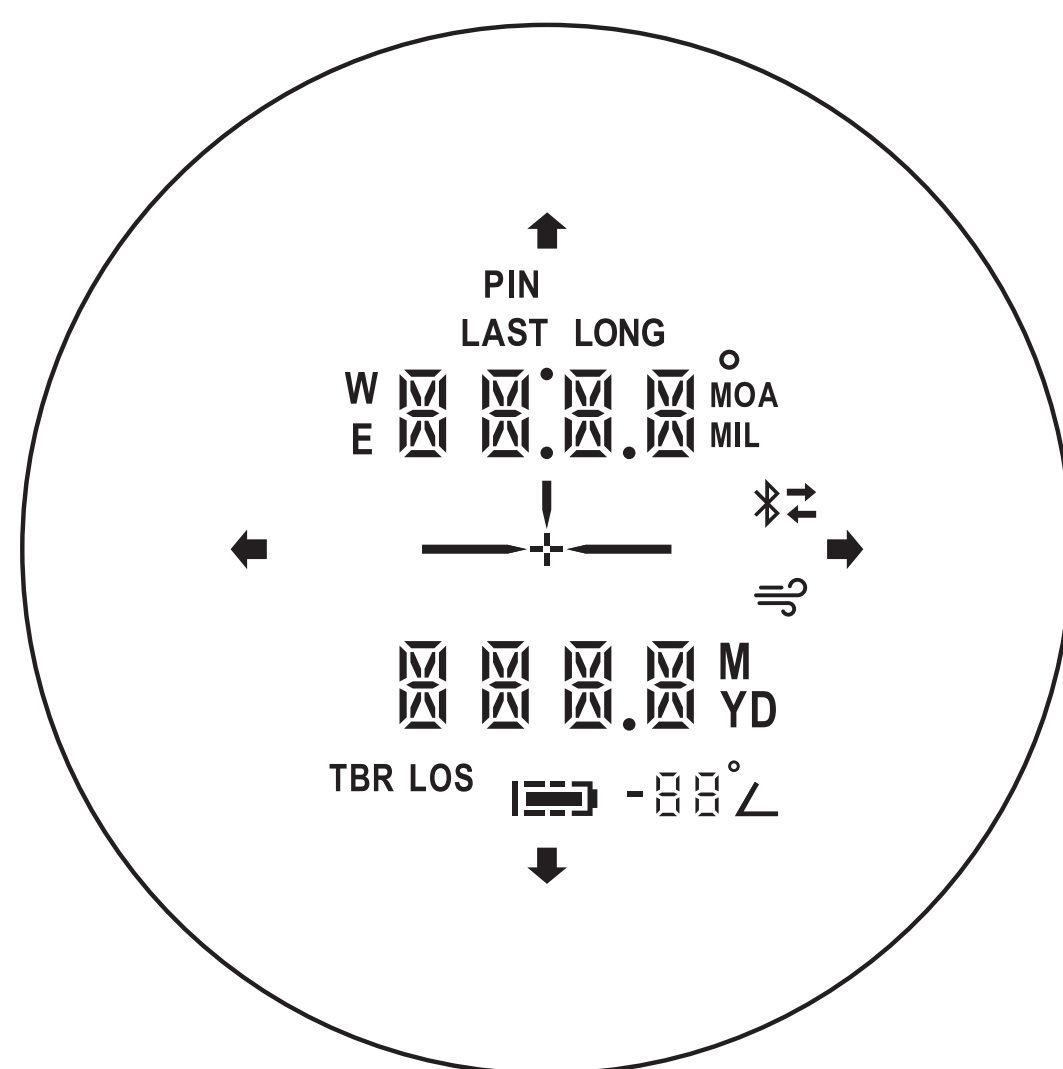
LANYARD ATTACHMENT

For a secure and convenient way to carry your rangefinder, use the provided lanyard. To attach it, insert its thin loop through one of the attachment ports on the back of the rangefinder, then pull the other end of the lanyard through the loop.

HOW TO PAIR YOUR DEVICE

To pair your device, access the Bluetooth (bt) screen using BUTTON 1. From there, use BUTTON 1 to scroll through the menu options until you reach "bt". Press POWER until you see "PAir." When "PAir" is displayed, open the Leupold Control App to initiate the connection process.

Alternatively, you can set the RX-5000 TBR/W to Pair without navigating through the menu. Simply allow the unit to power off, press and hold BUTTON 1, press the POWER button, then release BUTTON 1 and the POWER button. You should see "bt" PAir in the device. Complete the pair process through the Control App.



DEFAULT SETTINGS

The RX-5000 comes preset to TBR mode with the CDS function enabled and Load Group 15 selected. The display brightness is set to Medium, and the default unit of measure is yards. All other modes and features can be configured through the on-device menu or, more conveniently, with the Leupold Control App. To

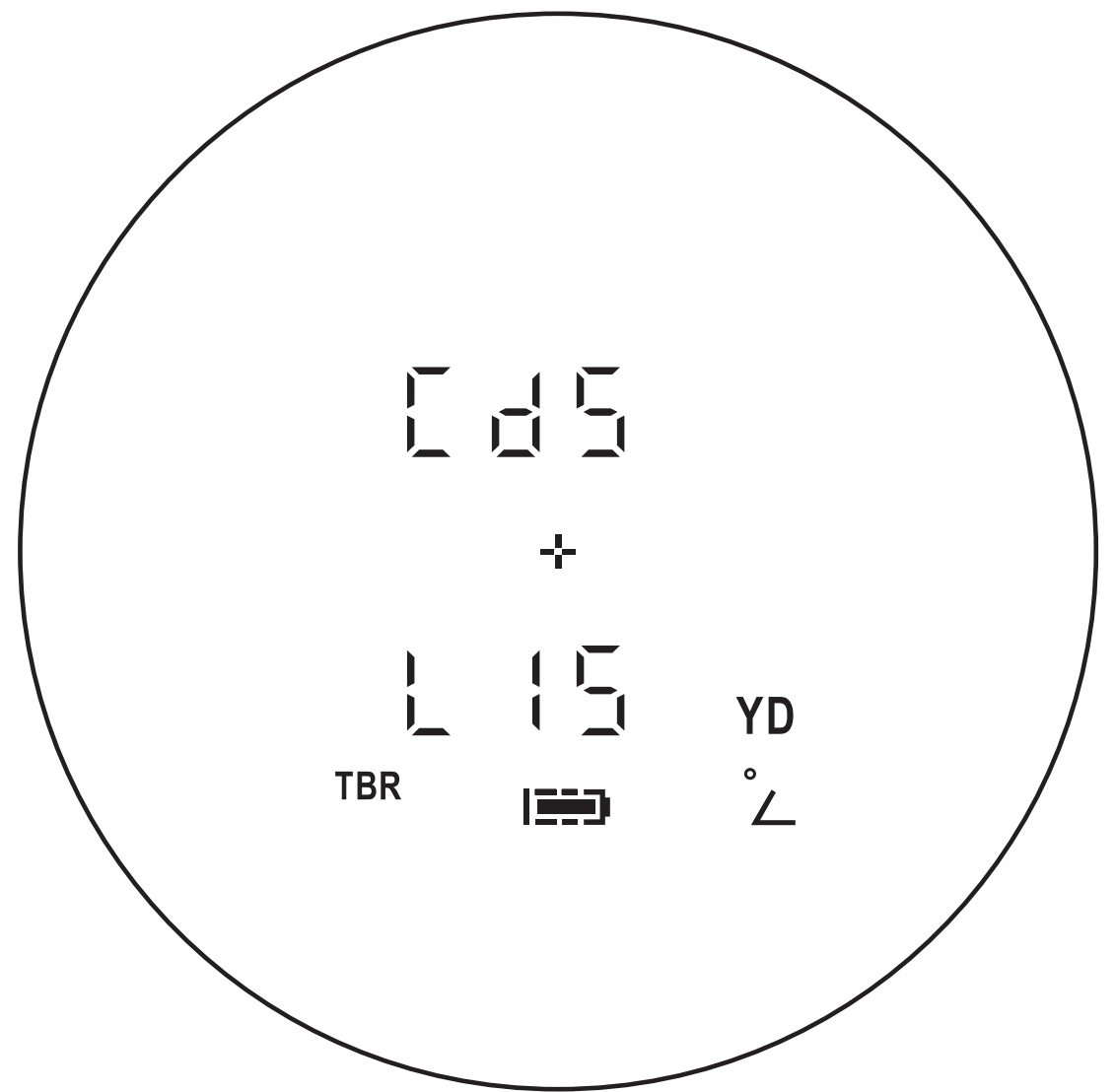
restore your RX-5000 to its factory settings, press and release the POWER button to turn on the rangefinder, then press and hold BUTTON 1. After 30 seconds, a 10-second countdown will begin. When the countdown reaches zero, the reset is complete and the RX-5000 will be restored to its factory settings.

If the RX-5000 has been paired with the Leupold Control App, a factory reset will remove that pairing. Delete the device from the Control App, then pair it again. The device will continue to appear in the app, but it cannot reconnect until it has been re-paired.

MENU, SETTINGS, MODES, AND LOAD GROUPS

Press the POWER button to turn the RX-5000 on and then press and hold BUTTON 1 to access the menu. Use BUTTON 1 to cycle through modes and the POWER button to change settings. Use BUTTON 1 to enter your selections and advance to the next menu selection.

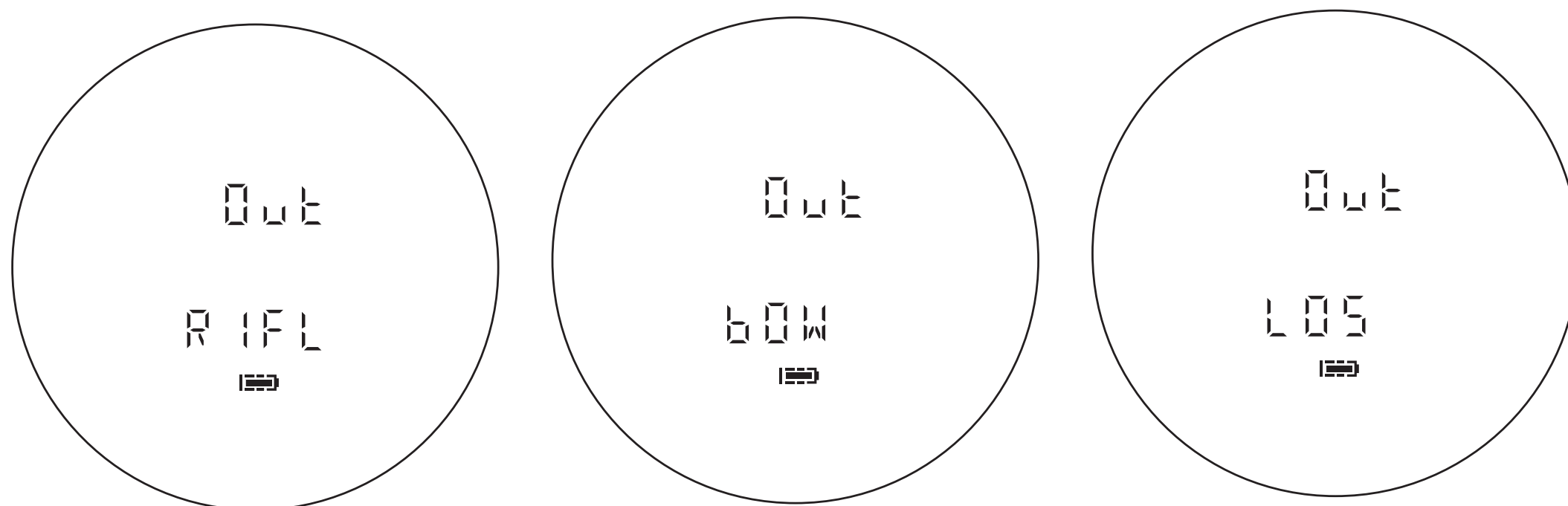
Throughout the menu, there are three ways to save your selections: advance through the entire menu, press and hold BUTTON 1, or simply wait 30 seconds for the device to power off automatically.



COMPREHENSIVE MENU NAVIGATION

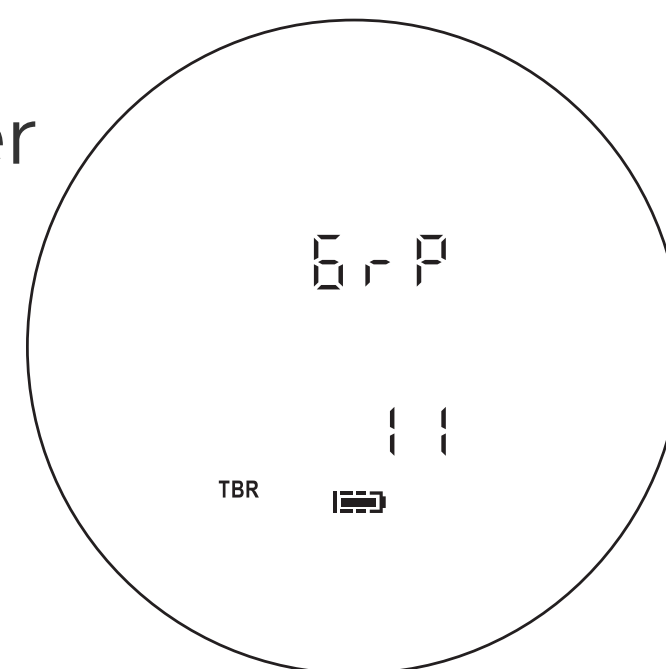
The first menu screen will open with the word “out” for output mode. Right below that you will see a blinking “Rifle,” which is one of the three modes; the other two modes are **Bow** and **Line of Sight**.

Within **Rifle Mode** there are three settings: **CDS**, **4DOF** and **Trig**.



When you press BUTTON 1 and select “Rifle” the next screen you will see has the word “set” for settings, and below that a blinking “CDS.” CDS stands for Custom Dial System and is the default setting. Use the CDS setting with a Leupold CDS dial to calculate correct shoot-to distances.

When you select the CDS setting, you’ll see the word “Group” and a blinking red number that corresponds to one of Leupold’s 25 ballistic groups. Tap or press and hold the POWER button to cycle through the load groups and select yours, then press BUTTON 1 to enter. If you are unsure what your ballistic load group is, enter your rifle and ammo into the Leupold Control App and it will calculate it for you on the “TBR-CDS” page.



Once you enter a load group the next screen is “Wind.” If you are not concerned about the wind, select “off”. Wind for the 4DOF setting is explained at the end of this section. The next screen is your display **brightness settings**, of which there are 4. Cycle through them with the POWER button and enter your preferred setting by pressing BUTTON 1.

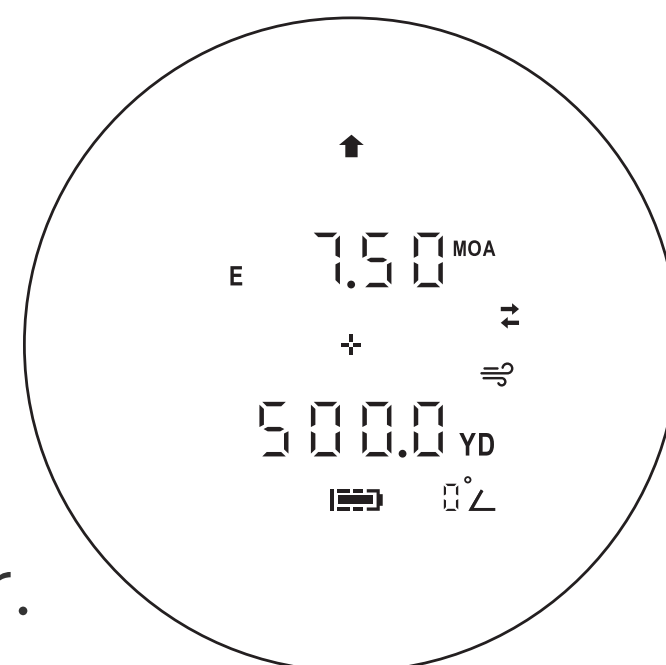
After display brightness, the next screen is **Units of Measure**, yards or meters. Cycle through them with the POWER button and enter with BUTTON 1.

After units of measure the next screen is **Target** mode, with three targeting settings: Best, Last and Long. The default setting is **Best**, which is ideal for most hunting situations. **Last** prioritizes the farthest target and helps you range through rain, snow and fog. The **Long** setting maximizes your ranging distance by collecting multiple laser returns. This setting is commonly used for navigation and marking distant waypoints and most often requires mounting the unit on a tripod because LONG must be used in scan mode with the range button depressed while keeping the rangefinder completely still.

Once you have selected your target setting you will next see the **Bluetooth** screen. This is where you can turn Bluetooth “on” or “off” or select “pair” to connect the unit to the Control App. Select “on” when actively using the Control App. Select “off” to prolong the battery life, and select “pair” when you want to connect the unit to the App. You can also pair it when the device is powered off by pressing and holding BUTTON 1 and pressing the POWER button. You only need to connect to the app once. The Control App will remember and reconnect the last connected device.

After selecting the Bluetooth mode, the next screen displays your Reticle options. Use the POWER button to cycle through the three options, then press BUTTON 1 to make your selection. This is the final menu settings screen. Once you have selected your reticle the next display screen will be the one that you see when you turn the unit on.

The second rifle setting is 4DOF; 4DOF is the most advanced ballistic calculator available that takes into account your rifle, your ammo and environmental conditions. Select the 4DOF setting when pin-point precision at extended distances is called for.



After selecting 4DOF, the rest of the setup follows the same menu process as above. When ranging in 4DOF mode, the RX-5000 will output elevation hold first, then windage hold and finally lead hold, if selected.

For more information about using 4DOF, please see **Rifle Mode**. More information about rifle/ammo profiles and how to find and enter them can be found in the **Leupold Control App**.

The third rifle setting is Trig; Trig requires no programming of ballistics or groups and works well out to 500 yards and angles up to 20 degrees. Once you select Trig, the rest of the setup is the same process as above.

BOW MODE AND SETTINGS

Once you've selected "Bow" mode the next menu screen lets you choose between Trig, the default mode, and PCA, which stands for Precision Cut Archery. PCA is the 4DOF of bow hunting, and like 4DOF, PCA is a total gamechanger.

When "Trig" is selected you don't enter any bow specific information. Select Trig when you want accurate shoot-

to-distances out to 70 yards and angles up to 20 degrees without significant changes in elevation from your sight-in location.

When you select the “PCA” setting the next screen is where you enter your arrow’s velocity. After that you enter your arrow’s weight. The next screen is where you enter your peep height. Peep height needs to be measured at full draw from the center of the arrow shaft perpendicular to the center of the peep. PCA will also need atmospheric conditions for setup and current conditions. More information is in the PCA section.

After selecting either PCA or Trig you will again see all the same menu settings screens.

Selecting Line of Sight Mode turns the RX-5000 into a straight-up rangefinder without factoring in angles or ballistics.

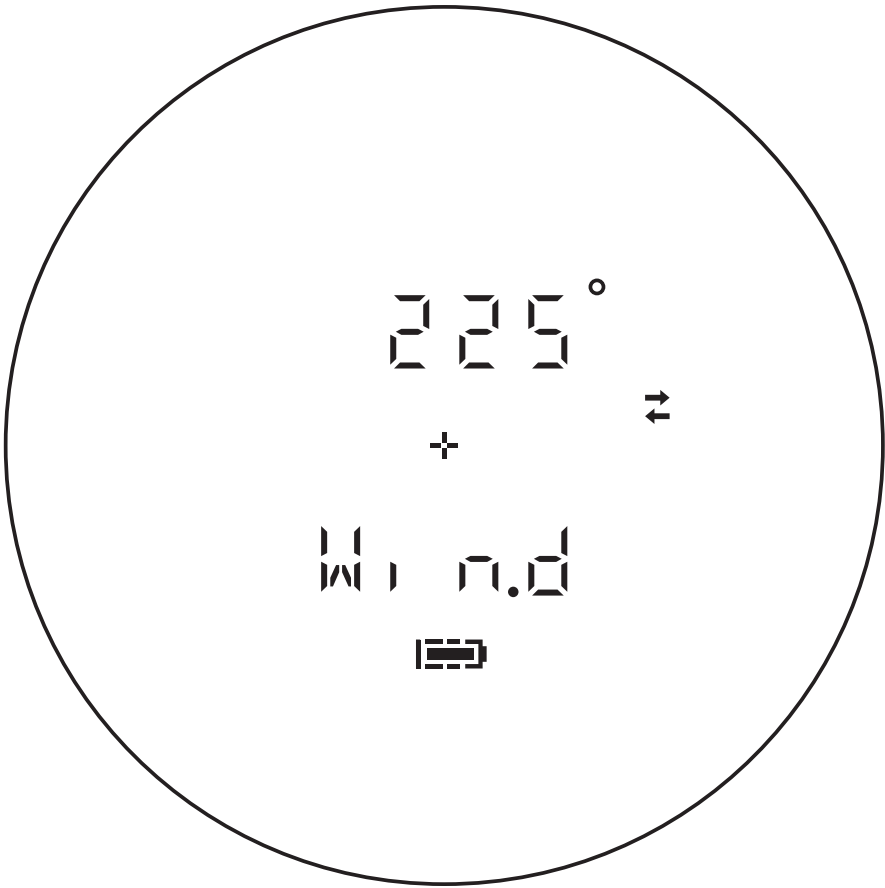
WIND

BUTTON 2 is the **wind button**. Use this button to enter wind data when using 4DOF in rifle mode.

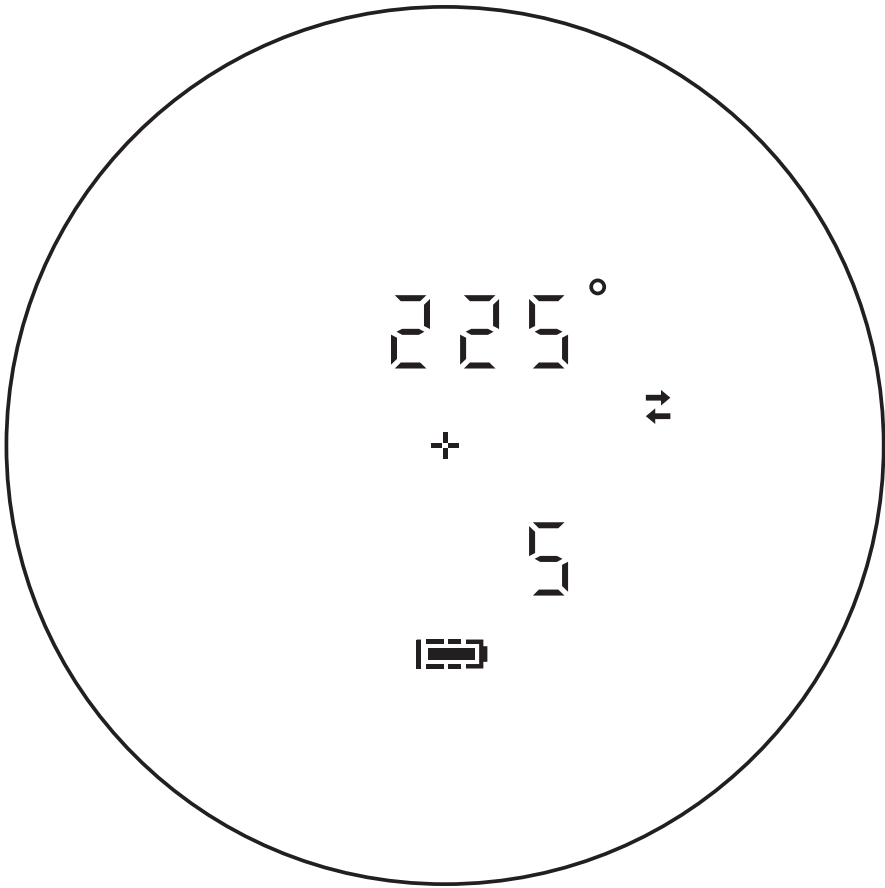
Press and hold BUTTON 2 to enter the wind data. The first screen is wind direction. To enter the wind direction, point the unit *downwind* and press the POWER button.

The next screen is wind speed. Press BUTTON 2 to decrease the wind speed and press BUTTON 1 to increase the wind speed. You can either tap or press and hold these buttons. Once you’ve set the wind speed press the POWER button to store the value and return to ranging mode.

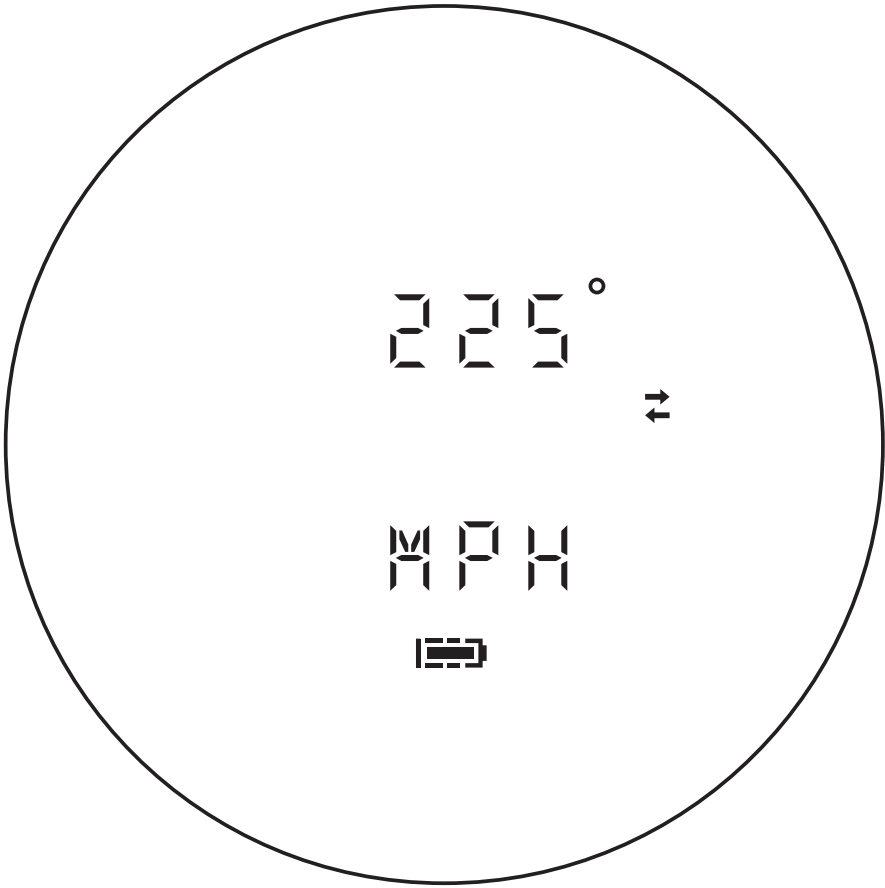
4DOF WIND DISPLAYS



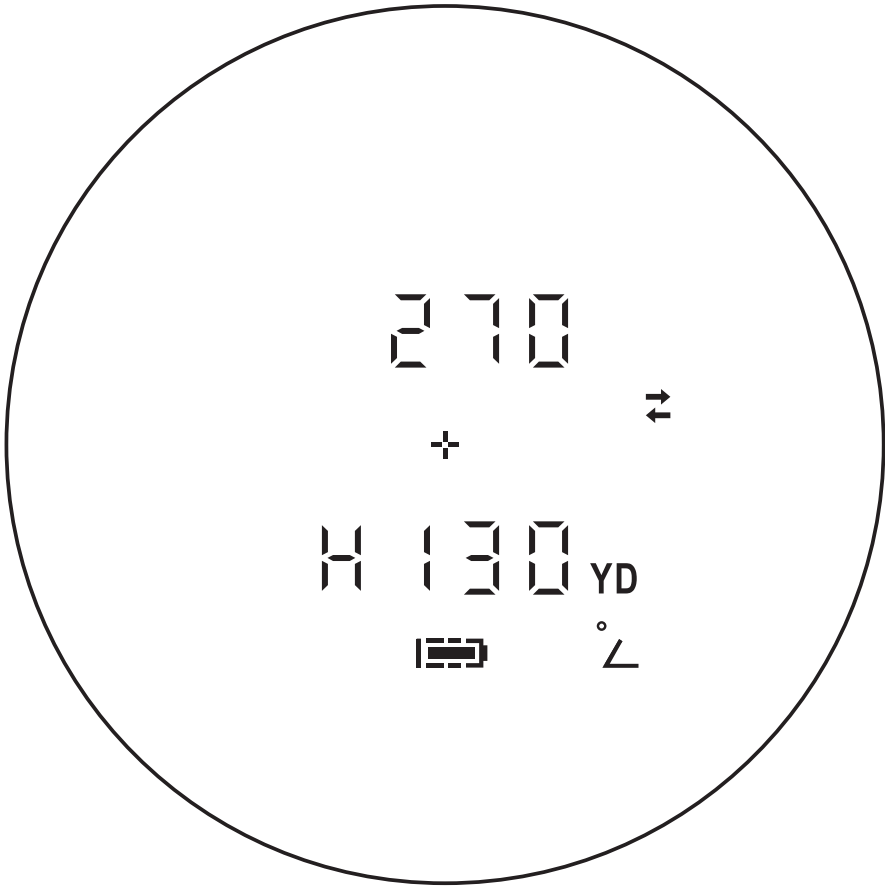
Set Wind Direction



Set Wind Speed



Set Wind Speed
(MPH)



4DOF Power On
Mode

RIFLE MODE

Rifle Mode has 3 settings, Custom Dial System (CDS), Hornady 4DOF (4DOF), and Trigonometry (TRIG).

The **CDS setting** is a function of Leupold's True Ballistic Range (TBR) system, an extremely accurate solution for rifle shooters who want ballistics-compensated ranges while using their Leupold CDS-equipped riflescope.

There are 25 selectable ballistic load groups that accommodate most factory and hand-loaded rifle cartridges. CDS has .5 MOA accuracy at 600 yards with properly selected groups. Simply select the group that matches your bullet weight and muzzle velocity or, more conveniently, once your rifle and ammo profile are known, use the Leupold Control App to calculate your load group by selecting TBR-CDS from the hamburger menu at the top left.



Once this is entered the RX-5000 will display your shoot-to distances. CDS readings are accurate out to 800 yards. CDS displays the equivalent horizontal range to your target based on the distance to the target, the angle of your shot, and your selected load group. The angle to your target will be shown in the lower portion of the display.

4DOF is the recommended selection when users need MIL and MOA holdovers (and windage). To use 4DOF users must enter their rifle and ammo profiles through the Control App. Rifle and ammo profiles cannot be entered through the RX-5000 directly. Unlike CDS, 4DOF doesn't use ballistic

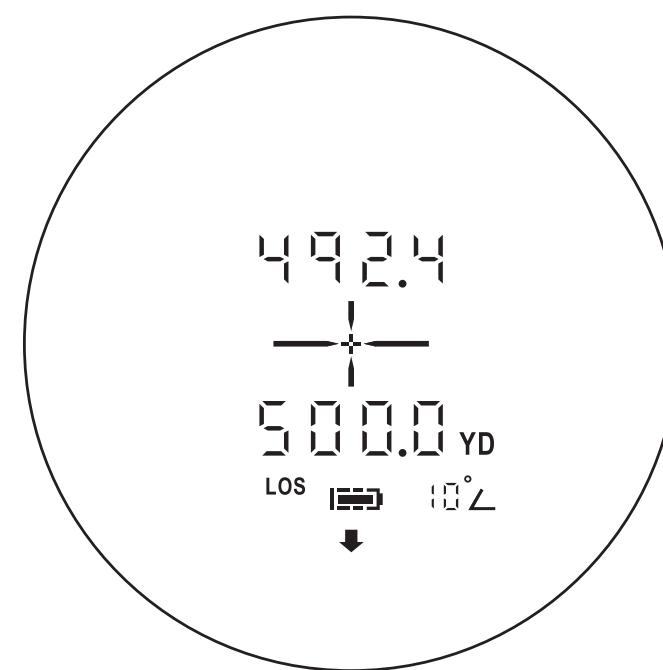
load groups. Instead, it uses your rifle and ammunition profiles to calculate a highly accurate firing solution. You can configure 4DOF from the Control App by selecting and configuring moving targets, earth-based effects, truing, wind speed / direction, temperature sensitivity factor, and more depending on your needs.

For additional setup information, see the Leupold Control App.

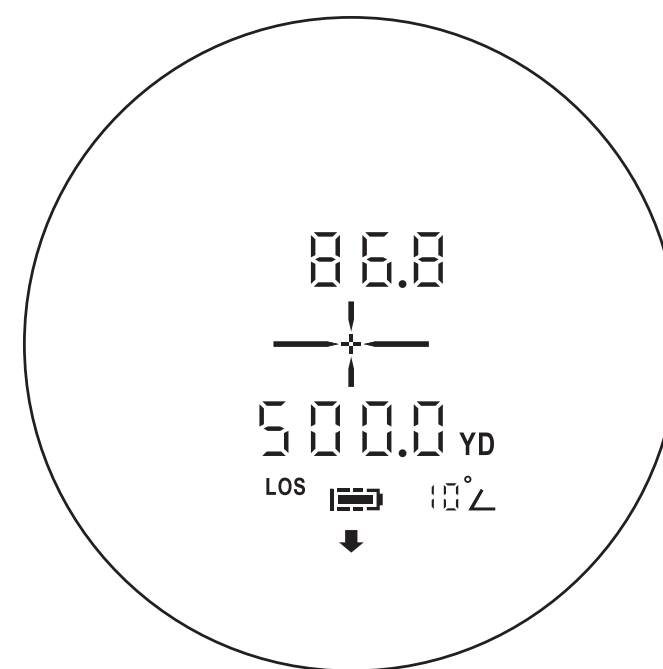
For more information about Hornady® 4DOF®, visit the Hornady 4DOF webpage.

TRIG

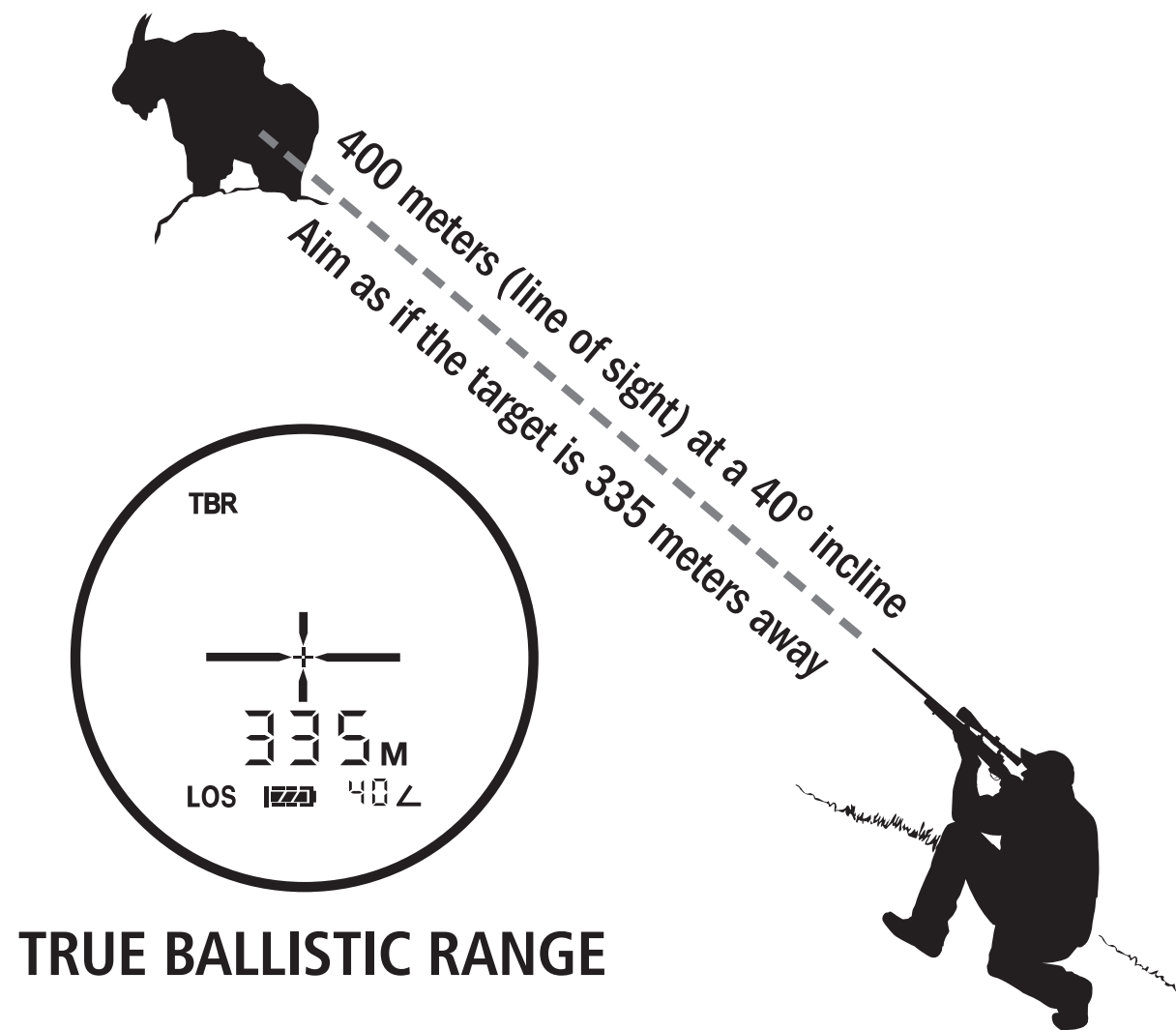
The Trig setting displays the true mathematical horizontal range and true mathematical vertical range to your target. The upper portion of the display will briefly show the true horizontal distance (cosine) and then the absolute value of the true vertical distance (sine). The “E” to the left of the sine value stands for elevation. Sine values are shown in either yards or meters, depending on your output selection.



In addition to providing angle-compensated distances, Trig can also calculate true vertical distance. This can be useful for more than shooting. For example, if you're wondering whether a leaning tree could hit your tent if it fell, first measure the tree's true vertical height, then measure the distance from the tree to your tent. Comparing the two measurements will tell you whether the tree could reach your campsite.



TBR (TRUE BALLISTIC RANGE) RIFLE



TRUE BALLISTIC RANGE LOAD GROUPS

TBR includes 25 selectable load groups specifically formulated for CDS. Choose one of the 25 groups based on your ballistics information.

300 YARD LOAD TABLE

TBRW PERFORMANCE GROUPS: LOAD TABLE	Load Name (Muzzle Velocity-fps)		Load Name (Muzzle Velocity-fps)	
	300 Yard Zero	Group	300 Yard Zero	Group
	25-06 Rem. 110 gr. Nosler Accubond (3100)	20	300 WSM 165 gr. Nosler Partition (3130)	20
	25-06 Rem. 117 gr. Sierra SBT Gameking (2990)	23	300 Win. Mag. 150 gr. Power Point (3290)	21
	257 Wby. Mag. 100 gr. Barnes TSX (3570)	17	300 Win. Mag. 165 gr. Federal Fusion (3200)	19
	257 Wby. Mag. 110 gr. Nosler Accubond (3460)	18	300 Win. Mag. 165 gr. Nosler Partition (3050)	20
	6.5 Creedmoor 129 gr. SST (2950)	20	300 Win. Mag. 178 gr. Hornady A-Max (3000)	20
	6.5 Creedmoor 140 gr. A-Max (2710)	22	300 Win. 180 gr. Accubond CT (2950)	20
	6.5-284 130 gr. Accubond (2900)	20	300 Win. Mag. 180 gr. Core-Lokt Ultra Bonded (2960)	23
	6.5-284 140 gr. Accubond (2800)	22	300 Win. 180 gr. Federal Fusion (2960)	20
	260 Rem. 120 gr. Nosler Ballistic Tip (2950)	22	300 Win. Mag. 180 gr. Nosler Accubond (2960)	20
	264 Win. Mag. 120 gr. Core-Lokt PSP (3210)	21	300 Win. Mag. 180 gr. Nosler Partition (2960)	23
	26 Nosler 142 gr. Accubond (3300)	17	300 Win. Mag. 150 gr. Core-Lokt PSP (3290)	21
	270 Win. 130 gr. Core-Lokt SP (3060)	23	300 Win. Mag. 150 gr. Core-Lokt Ultra Bonded (3290)	21
	270 Wby. Mag. 150 gr. Nosler Partition (3245)	19	300 Win. Mag. 150 gr. Federal Fusion (3200)	19
	7mm-08 140 gr. Ballistic Silvertip (2770)	24	300 PRC 212 gr. ELD-X (2860)	19
	7mm-08 140 gr. Nosler Partition (2800)	24	300 Wby. Mag. 180 gr. Nosler Partition (3190)	19
	280 Rem. 150 gr. Nosler Partition (2890)	22	300 Wby. Mag. 180 gr. Trophy Bonded Bear Claw (3040)	23
	280 Rem. 160 gr. Nosler Accubond (2800)	22	300 Wby. Mag. 150 gr. Nosler Partition (3540)	18
	7mm WSM 150 gr. Power Point (3200)	21	300 Wby. Mag. 165 gr. Nosler Ballistic Tip (3350)	18
	7mm Rem. Mag. 140 gr. Accubond (3000)	20	300 RUM 180 gr. Core-Lokt Ultra Bonded (3250)	19
	7mm Rem. Mag. 140 gr. Accubond (3180)	19	30-378 Wby. Mag. 165 gr. Nosler Ballistic Tip (3500)	17
	7mm Rem. Mag. 150 gr. Power Point (3090)	21	30-378 Wby. Mag. 180 gr. Nosler Accubond (3400)	18
	7mm Rem. Mag. 175 gr. Federal Fusion (2760)	22	338 Win. Mag. 180 gr. Nosler Accubond (3120)	21
	7mm Rem. Mag. 175 gr. SP American Eagle (2860)	22	338 Win. Mag. 200 gr. Power Point (2960)	25
	7 PRC 175 gr. ELD-X (3000)	18	338 Win. Mag. 210 gr. Nosler Partition (2830)	25
	308 Win. 150 gr. Federal Fusion (2820)	25	338 Win. Mag. 225 gr. Core-Lokt Ultra Bonded (2780)	22
	300 Rem. SAUM 165 gr. Core-Lokt PSP (3075)	23	338 Win. Mag. 225 gr. Nosler Accubond (2800)	22
	30-06 150 gr. Core-Lokt Ultra Bond (2910)	25	Lapua Mag. 300 gr. Trophy Gold OTM (2762)	20
	30-06 165 gr. Nosler Partition (2830)	23	50 BMG 750 gr. Borerider (2700)	20
	30-06 180 gr. Nosler Accubond (2700)	24	50 BMG 800 gr. Borerider (2650)	20
	300 WSM 150 gr. Power Point (3270)	21	50 BMG 750 gr. A-Max (2650)	20

200 YARD LOAD TABLES

TBR/W PERFORMANCE GROUPS: LOAD TABLE	Load Name (Muzzle Velocity-fps)		Load Name (Muzzle Velocity-fps)	
	200 Yard Zero	Group	200 Yard Zero	Group
	223 Rem. 62 gr. FMJBT American Eagle (3020)	11	270 Win. 150 gr. Power Point (2850)	13
	223 Rem. 69 gr. Sierra HPBT Match (2950)	13	270 WSM 130 gr. Core-Lokt (3285)	5
	223 Rem. 77 gr. Sierra HPBT Match (2750)	15	7-08 Rem. 140 gr. Nosler AccuBond (2800)	10
	22-250 Rem. 50 gr. Ballistic Silvertip (3810)	5	7-08 Rem. 140 gr. Nosler Partition (2800)	10
	22-250 Rem. 55 gr. Nosler Ballistic Tip (3680)	3	7mm-08 140 gr. Power Point (2800)	13
	22-250 Rem. 55 gr. Power-Lokt HP (3680)	7	7mm-08 139 gr. SP Interlock (2840)	13
	22-250 Rem. 55 gr. SP American Eagle (3680)	7	7mm-08 139 gr. SST Interlock (2800)	10
	243 Win. 100 gr. Core-Lokt PSP (2960)	11	7mm WSM 160 gr. Nosler Partition (3160)	4
	243 Win. 100 gr. Core-Lokt Ultrabond (2960)	9	7mm WSM 150 gr. SP American Eagle (3100)	7
	6 Creedmoor 105 gr. Hornady BTHP	6	7mm Rem. Mag. 140 gr. Nosler AccuBond (3110)	4
	6mm Rem. 100 gr. Core-Lokt PSP (3100)	9	7mm Rem. Mag. 150 gr. Core-Lokt PSP (3110)	9
	6mm Rem. 100 gr. SP American Eagle (3100)	9	7mm Rem. Mag. 150 gr. Federal Fusion (3100)	4
	6mm Rem. 80 gr. SP American Eagle (3470)	2	7mm Rem. Mag. 150 gr. Nosler Ballistic Tip (3025)	6
	25-06 Rem. 100 gr. Core-Lokt PSP (3230)	9	7mm Rem. Mag. 150 gr. SP American Eagle (3110)	7
	25-06 Rem. 120 gr. Federal Fusion (2980)	9	7mm Rem. Mag. 175 gr. SP Interlock (2800)	10
	25-06 Rem. 85 gr. Ballistic Silvertip (3470)	3	7 PRC 175 gr. ELD-X (3000)	2
	6.5 Creedmoor 129 gr. SST (2950)	6	28 Nosler 175 gr. AccuBond (3125)	2
	6.5 Creedmoor 140 gr. A-Max (2710)	10	308 Win. 150 gr. Nosler Ballistic Tip (2820)	10
	6.5 Creedmoor 140 gr. Custom Competition (2550)	14	308 Win. 150 gr. Power Point (2820)	16
	6.5-284 130 gr. Accubond (2900)	8	308 Win. 165 gr. Barnes Triple Shock (2650)	16
	6.5-284 140 gr. AccuBond (2800)	8	308 Win. 165 gr. Nosler AccuBond (2730)	12
	6.5 PRC 143 gr. ELD-X (2960)	4	308 Win. 165 gr. Nosler Ballistic Tip (2650)	12
	26 Nolser 142 gr. AccuBond (3300)	1	308 Win. 165 gr. Sierra SBT GameKing (2700)	15
	270 Win. 130 gr. Core-Lokt SP (3060)	9	308 Win. 168 gr. Hornady Match HP (2650)	15
	270 Win. 130 gr. Nosler Ballistic Tip (3060)	6	308 Win. 180 gr. Core-Lokt Ultra Bonded (2620)	16
	270 Win. 130 gr. SP American Eagle (3060)	9	308 Win. 180 gr. Nosler AccuBond (2750)	10
	270 Win. 140 gr. Core-Lokt Ultra Bonded (2925)	11	308 Win. 180 gr. Nosler Partition (2620)	14
	270 Win. 150 gr. Federal Fusion (2850)	8	308 Win. 180 gr. Silvertip (2620)	16

TBR PERFORMANCE GROUPS: LOAD TABLE	Load Name (Muzzle Velocity-fps)		Load Name (Muzzle Velocity-fps)	
	200 Yard Zero	Group	200 Yard Zero	Group
	30-06 150 gr. Ballistic Silvertip (2900)	8	30-06 180 gr. Core-Lokt Ultra Bond (2700)	15
	30-06 150 gr. Core-Lokt PSP (2910)	13	300 Wby. Mag. 180 gr. Nosler Partition (3240)	2
	30-06 150 gr. Federal Fusion (2900)	9	300 Wby. Mag. 180 gr. Barnes Triple Shock (3110)	4
	30-06 150 gr. Power Point (2920)	15	300 RUM 150 gr. Swift Scirocco Bonded (3450)	1
	30-06 150 gr. Silvertip (2910)	13	300 RUM 180 gr. Core-Lokt Ultra Bonded (3250)	4
	30-06 165 gr. Core-Lokt PSP (2800)	15	300 WSM 180 gr. SP American Eagle (2970)	9
	30-06 165 gr. Federal Fusion (2790)	10	300 WSM 180 gr. Ballistic Silvertip (3010)	6
	30-06 165 gr. Nosler Ballistic Tip (2950)	6	300 WSM 180 gr. SP American Eagle (2970)	9
	30-06 165 gr. Pointed Soft Point (2800)	15	300 Win. Mag. 150 gr. Core-Lokt (3290)	7
	30-06 165 gr. Sierra SBT GameKing (2800)	13	300 Win. Mag. 165 gr. Federal Fusion (3200)	4
	30-06 168 gr. Ballistic Silvertip (2790)	10	300 Win. Mag. 180 gr. Core-Lokt Ultra Bonded (2960)	9
	30-06 180 gr. Ballistic Silvertip (2750)	10	300 Win. Mag. 180 gr. Federal Fusion (2960)	6
	30-06 180 gr. Core-Lokt PSP (2700)	15	300 Win. Mag. 180 gr. Nosler AccuBond (2960)	6
	30-06 180 gr. Federal Fusion (2700)	10	300 Win. Mag. 180 gr. Nosler Partition (2960)	11
	30-06 180 gr. Nosler Partition (2700)	12	300 Win. Mag. 180 gr. Power Point (2960)	8
	30-06 180 gr. Silvertip (2700)	15	300 Win. Mag. 190 gr. Nosler ABLR (2870)	6
	30-06 180 gr. SP American Eagle (2700)	15	300 PRC 212 gr. ELD-X (2860)	4
	30-06 180 gr. Trophy Bonded Bear Claw (2650)	16	338 Lapua 250 gr. Sierra HPBT Match (2950)	6

For hand loads or other unique loads not shown in the tables, the table below 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 the data on your box of ammo. Calculate your load group using the Control App by entering your rifle/ammo profile and going to the “TBR-CDS” page. You may also visit leupold.com for more assistance in selecting your group.

600 YARD LOAD TABLE

TBR/W LOAD GROUP SELECTION TABLE: FOR BEST FIT UP TO 600 YARDS	Load Group	Bullet Path Height @ 600 Yds.	10 MPH Crosswind Deflection @ 600 Yds	Sight-in Range
	1	-42 to -48 inches*	10 to 28 inches	200 Yards
	2	-48 to -54 inches	10 to 28 inches	200 Yards
	3	-48 to -54 inches	28 to 46 inches	200 Yards
	4	-54 to -60 inches	10 to 28 inches	200 Yards
	5	-54 to -60 inches	28 to 46 inches	200 Yards
	6	-60 to -66 inches	10 to 28 inches	200 Yards
	7	-60 to -66 inches	28 to 46 inches	200 Yards
	8	-66 to -72 inches	10 to 28 inches	200 Yards
	9	-66 to -72 inches	28 to 46 inches	200 Yards
	10	-72 to -78 inches	10 to 28 inches	200 Yards
	11	-72 to -78 inches	28 to 46 inches	200 Yards
	12	-78 to -84 inches	10 to 28 inches	200 Yards
	13	-78 to -84 inches	28 to 46 inches	200 Yards
	14	-84 to -90 inches	10 to 28 inches	200 Yards
	15	-84 to -90 inches	28 to 46 inches	200 Yards
	16	-90 to -96 inches**	28 to 46 inches	200 Yards
	17	-30 to -36 inches**	10 to 28 inches	300 Yards
	18	-36 to -42 inches	10 to 28 inches	300 Yards
	19	-42 to -48 inches	10 to 28 inches	300 Yards
	20	-48 to -54 inches	10 to 28 inches	300 Yards
	21	-48 to -54 inches	28 to 46 inches	300 Yards
	22	-54 to -60 inches	10 to 28 inches	300 Yards
	23	-54 to -60 inches	28 to 46 inches	300 Yards
	24	-60 to -66 inches**	10 to 28 inches	300 Yards
	25	-60 to -66 inches**	28 to 46 inches	300 Yards

* If your bullet drop is less than -42 inches at 600 yards with a 200 yard sight-in, consider sighting-in at 300 yards and selecting load group 17 or 18. Alternatively, you can use group 1 with a 200 yard sight-in, but the results will be less accurate.

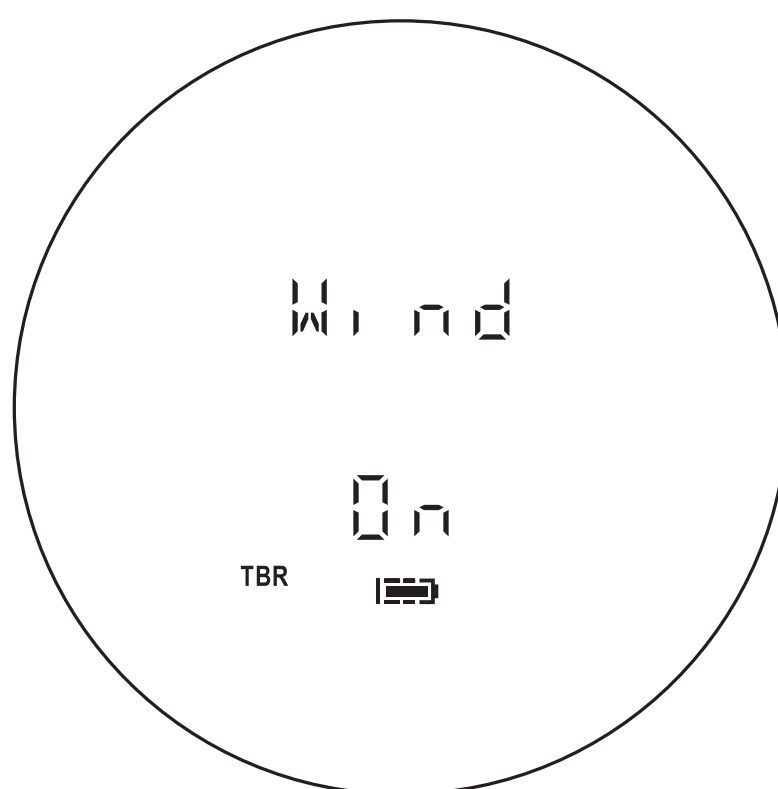
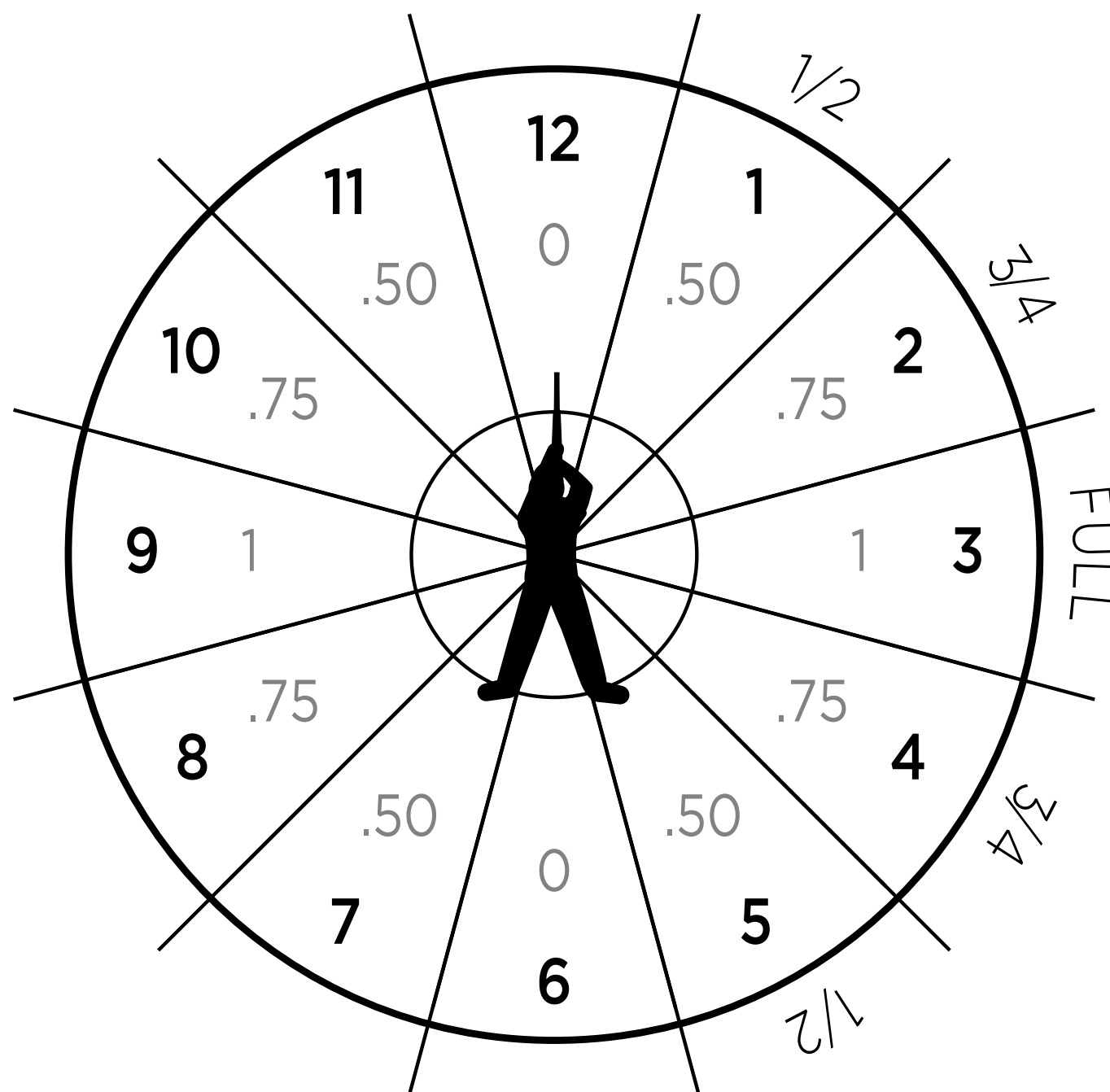
** If your drop at 600 yards is greater than -96 inches with a 200-yard sight-in or less than -30 or greater than -66 inches with a 300-yard sight-in, the results will be less accurate.

CDS WIND

When active, the Wind feature provides an accurate 10-mph wind-hold value, assuming the wind blows at a 90-degree angle to your rifle's muzzle. We chose 10 mph as the default to make it easier to calculate corrections.

If the wind is blowing at 5 mph from the 3 o'clock or 9 o'clock

position, halve the displayed wind-hold value. If the wind speed is 20 mph, double the wind-hold value. If the wind is not blowing at a 90-degree angle to the muzzle, adjust the hold value based on the provided diagram. For example, if the wind is at a 45-degree angle to the muzzle, adjust the wind-hold value by 66%. Wind will be displayed in MOA when used in CDS mode. After taking a range, shoot-to distance



and wind-hold value are immediately displayed. The Wind feature provides 1.5-MOA accuracy on wind-holds at 600 yards for cartridges expected to reach that distance. And like TBR, the Wind feature's maximum range is 800 yards.

4DOF Wind Wind in 4DOF is automatically calculated onboard when ranging once the wind direction and speed are set (when speed is >0 , when $=0$ wind is off) either through the device or through the Control App. To access the wind screen press and hold BUTTON 2, you must be in rifle mode with the 4DOF setting selected. The first screen is wind direction. To enter the wind direction, point the unit DOWNWIND and press the POWER button.

The next screen is wind speed. Press BUTTON 2 to decrease the wind speed and press BUTTON 1 to increase the wind speed, you can either short press or press and hold these buttons. Once you've set the wind speed press the POWER button to return to ranging mode.

If the wind speed is set to 0, wind calculations are disabled. The alternating arrows will show on the right side of the display when wind is on and will not be present when wind is off (set to 0).

When you press the POWER button to range a target, the RX-5000 uses its onboard compass to determine the target's wind angle and calculate the appropriate wind solution. The display alternates between elevation and windage holds. If Moving Target Hold is enabled, a left- and right-pointing arrow will also appear on the display to indicate the moving target hold.

For accurate wind solutions, calibrate the onboard compass before programming or using wind features. Magnetic fields, nearby ferrous metals, or an improperly calibrated compass can affect heading accuracy and, in turn, the calculated wind angle. Common sources of interference include magnets on binocular harnesses, watches, rifle barrels, metal eyeglass frames or screws, vehicles, reinforced concrete, buried infrastructure, phones and electrical wiring.

BOW MODE

Bow Mode includes two settings: TRIG and Precision Cut Archery (PCA). TRIG is the default setting, using cosine (trigonometric) calculations to provide angle compensated distances. TRIG is ideal for all whitetail tree-stand hunting and for spot and stalk ground hunting out to about 70 yards and angles up to 20°. If you are shooting at extreme angles or at distances greater than 70 yards, select PCA for more accurate calculations. Additionally, if traveling with your archery equipment to different elevations, PCA can be configured to be zeroed at your sight-in conditions and then when programmed with the atmospheric data from your new location, will provide shoot to distances based on your zero. This means no more guessing and switching cut tapes for your sight once you get to camp.

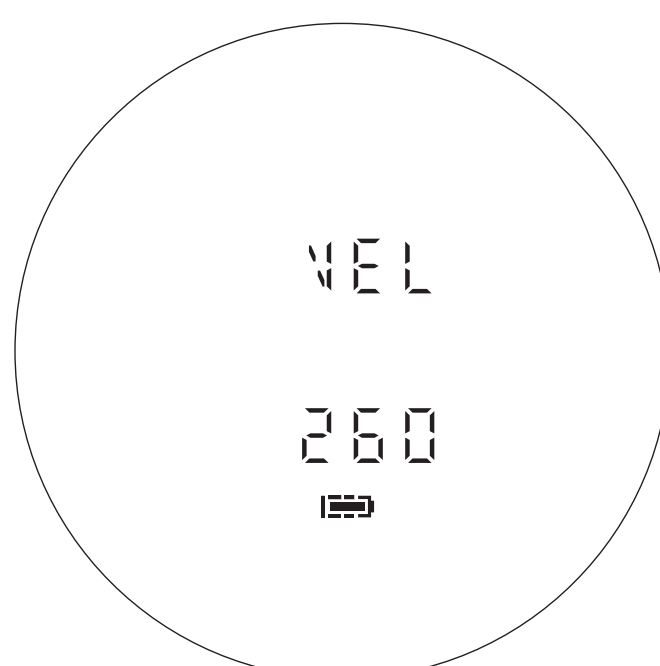
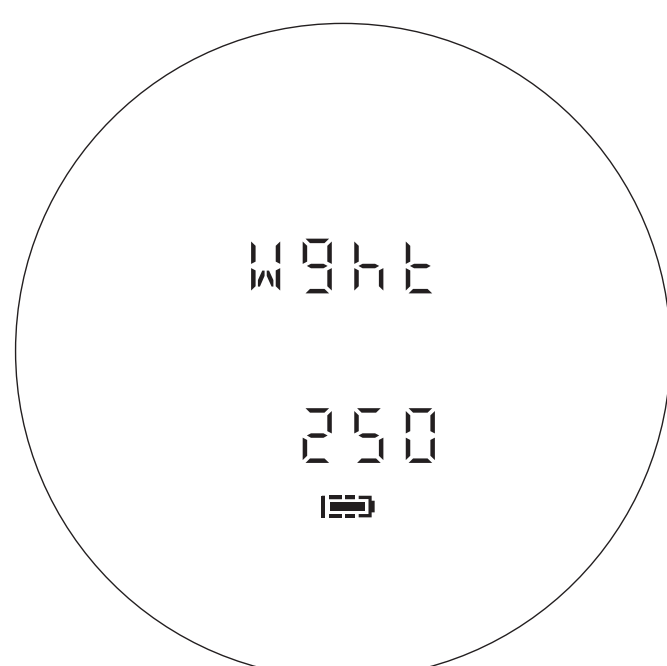
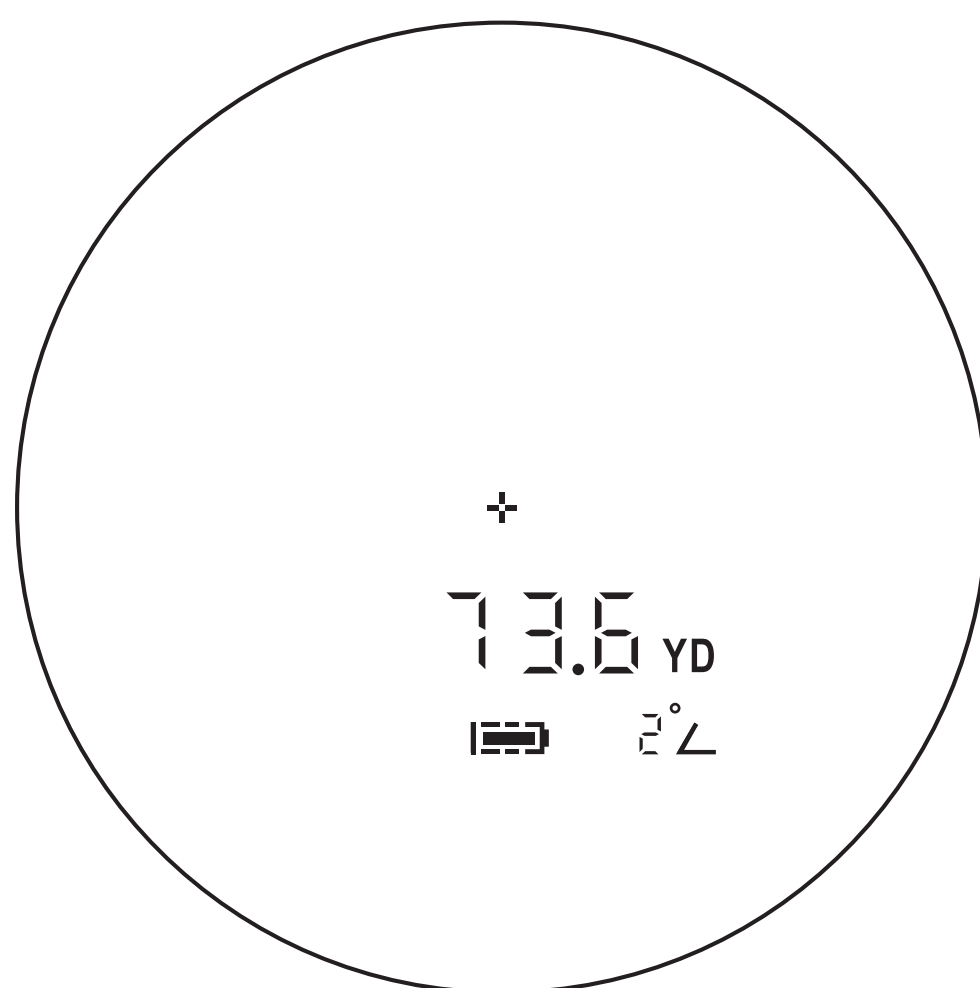
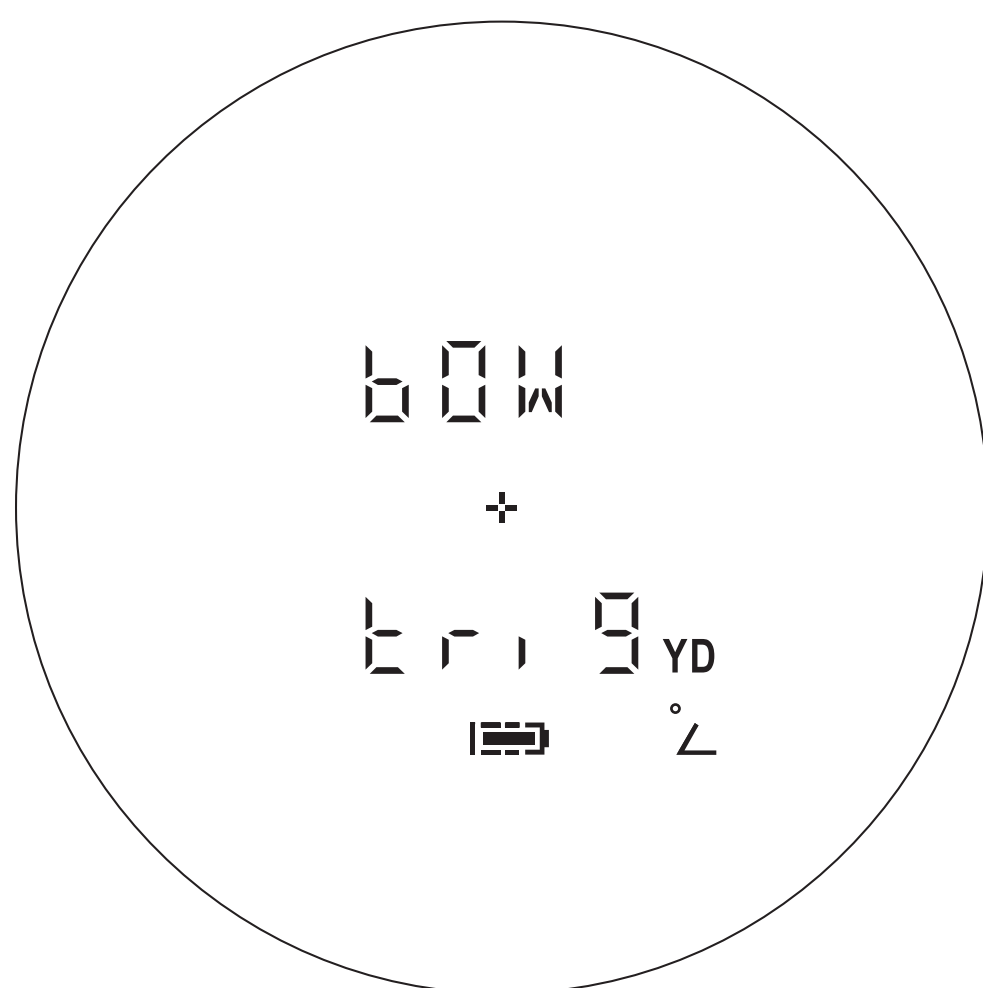
PRECISION CUT ARCHERY (PCA)

The PCA setting uses advanced ballistics software to calculate more accurate ranges based on factors such as arrow weight, velocity, and peep height. This function is ideal for high-angle or long-range shots, providing accurate ballistic solutions up to 175 yards and plus or minus 89° in elevation. PCA is ideal for

3D tournament shooters and anyone hunting in varied terrain.

To use PCA, you'll need to enter your arrow weight, arrow velocity (measured at 36 inches), and peep height (measured from the center of the arrow shaft to the center of the peep at full draw) into the menu. Toggle through the weight, velocity and peep height using the POWER button and save your choice by pressing BUTTON 1. Arrow velocity ranges are between 170-550 fps, arrow weight ranges between 200-900 grains, and peep height ranges between 1-6 inches.

To switch between PCA and Trig, press and release the POWER button to toggle between the two modes, then press



BUTTON 1 to save your selection and advance to the next menu item.

The BOW / PCA data can also be configured in the Control App (wrench screen on My Devices Page). Users will need to configure the atmospheric data, both current conditions and sight-in conditions in the App. Select BOW / PCA on the top two rows (Output/Function) from the wrench setup menu on the My Devices Page. While arrow velocity and arrow weight are clear cut, the peep height must be measured perpendicularly from arrow shaft while at full draw measuring from the center of arrow shaft to center of peep. Leupold recommends having a friend help with this measurement in a safe location as it would not be possible by yourself.

Additionally, the unique functionality available in PCA allows users to program their sight-in environmental conditions and their current environmental conditions – Temperature, Pressure (Station Pressure), and Humidity. The sight-in conditions will be entered when the bow is sighted in and should not be adjusted until sighting in again. Current atmospheric conditions should be updated if changing elevation significantly or making extreme shots.

The **RX-5000** will need to have the current conditions updated in the Control App either manually or by selecting “Station” (vs “Manual”) when activating an atmospheric value to be updated. When Station is selected, the app will continue to update current atmospheric values for as long as the app is connected to weather data and the app has an active connection to the RX-5000. Additionally, the Control App will automatically adjust for elevation distance changes compared

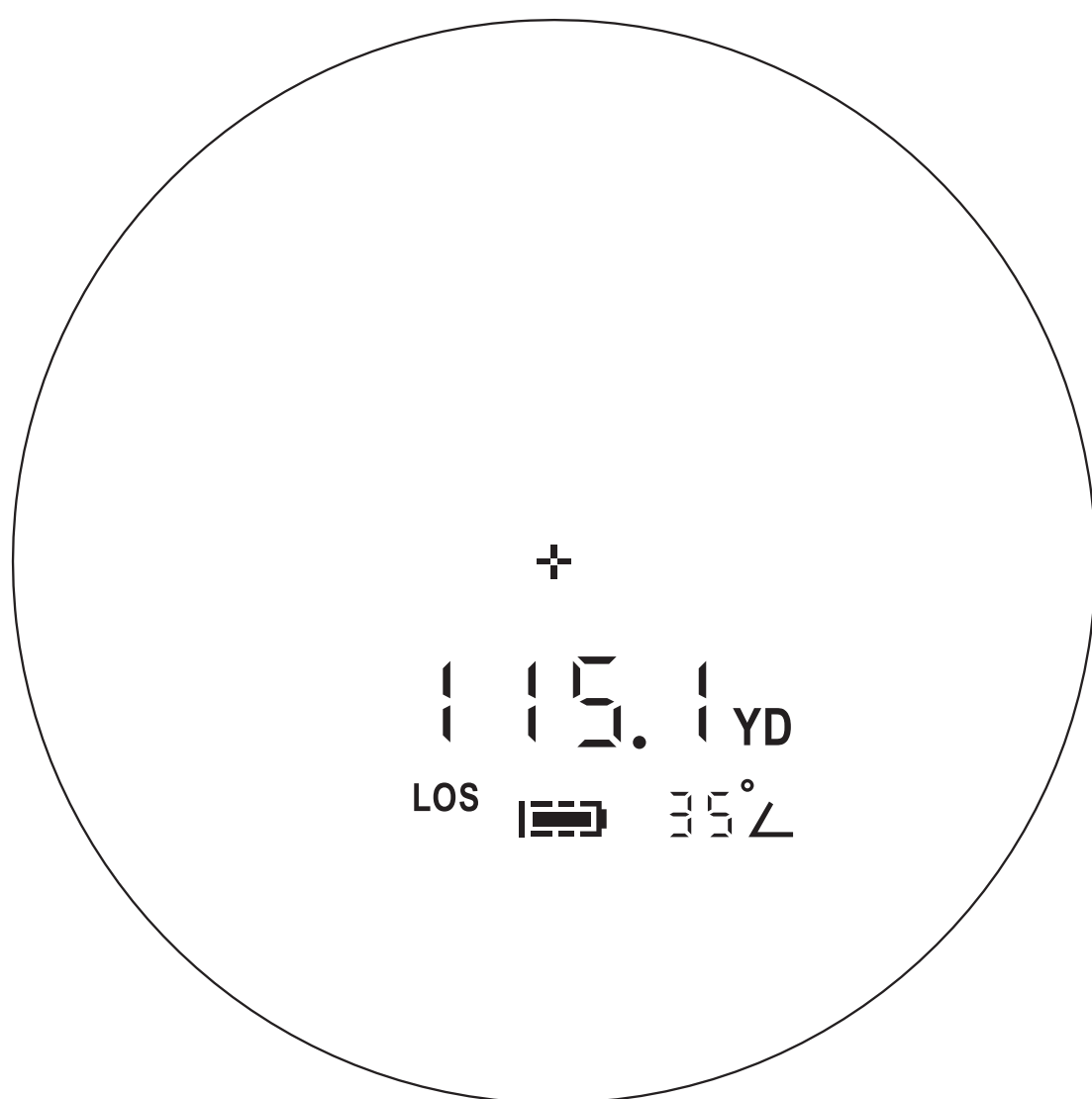
to the “stations pressure” reading. If significant changes in conditions occur throughout the day, you should reconnect and update the data. If the user goes out of range of cell data, the last value will remain active.

When users change elevation and need to make changes to their current atmospheric data, the device will automatically provide shoot to distances based on their sight-in setup conditions, or sight tapes. This means if a user sets up at sea level and travels to a mountain location, the device will provide all shoot to ranges converted back to their sight-in conditions when the current conditions are updated. General rule of thumb with a typical archery setup is for every 3,000 feet in elevation change, a user will see a change of 1 yard difference in shoot to distance at 100 yards. No more changing sight tapes to accommodate for changes in elevation.

The atmospheric information used in PCA calculations is Temperature, Pressure, and Humidity. Leupold devices use Station Pressure as the pressure input for all devices.

Note: There are two types of pressure that are commonly referenced – Station Pressure and Barometric Pressure. Station Pressure is the pressure measured at your current location - typically output from handheld devices, watches, etc. Station Pressure changes roughly 0.01 inHg for every 10 feet change in elevation. Barometric Pressure is a pressure value corrected to sea level and typically used by meteorologists and weather apps for tracking weather events. Barometric Pressure changes as weather events change and not as an effect of changing elevation. Users will need to research the device they reference for pressure data to be

sure it is using Station Pressure. When “Station” is selected as input method inside of the app, the app will pull the pressure from the nearest source and convert to Station Pressure within the device. Kestrel handheld weather devices are a reliable source for Station Pressure and have been used by the hunting community for years.

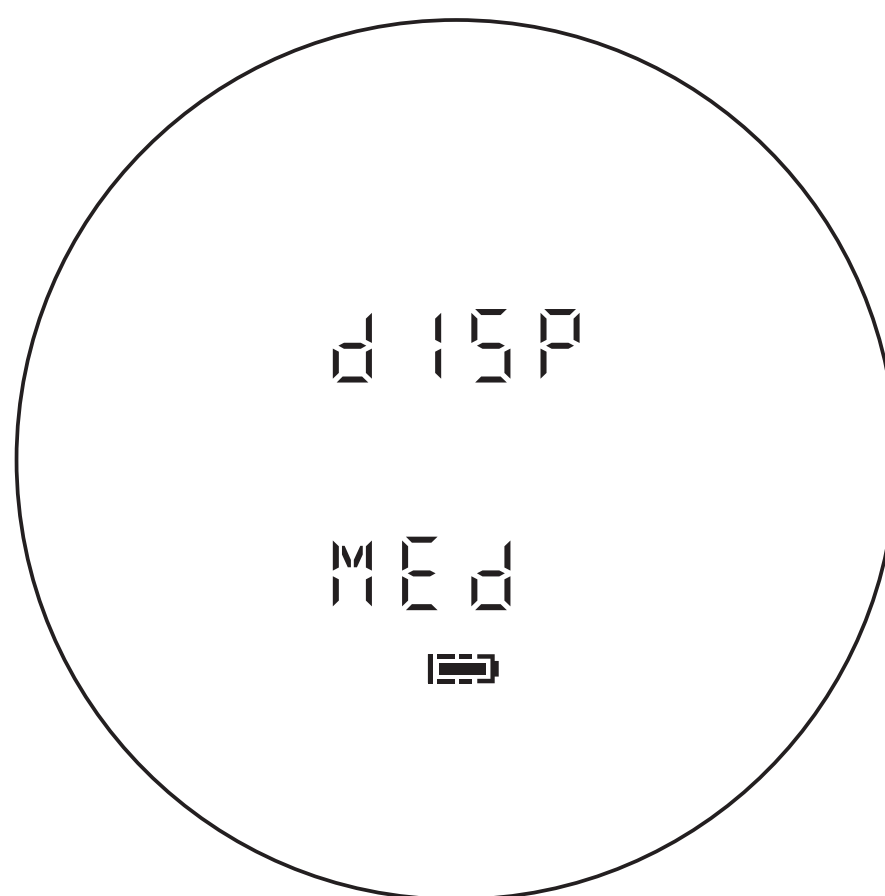


Line of Sight (LOS) Mode

This mode provides the straight-line distance to your target without accounting for shot angle or ballistics. The angle to your target will be shown in the lower portion of the display. This information is commonly programmed into ballistic solvers.

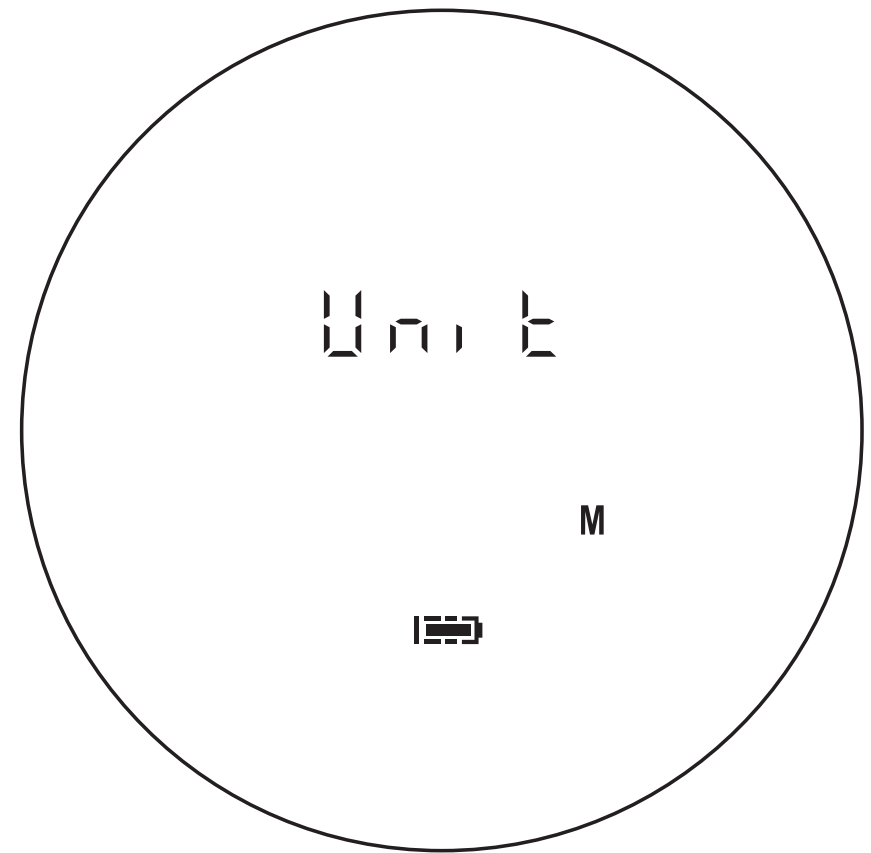
DISPLAY BRIGHTNESS

The RX-5000 TBR/W has four brightness settings, allowing you to match the display’s intensity to most lighting conditions. Navigate through the menu by pressing and releasing BUTTON 1 until “dISP” is shown in the upper row of the display. Press and release the POWER button to toggle between night, low, medium, and high. Press BUTTON 1 to save the selection. The brightness settings can also be changed using the Leupold Control App.



UNIT OUTPUT

Range readings in the RX-5000 can be displayed in either yards or meters. Repeatedly press BUTTON 1 to cycle through the set-up menu. When the word “Unit” is displayed, press the POWER button to switch between yards and meters. Press BUTTON 1 to save your changes and advance through the menu. The unit output can also be changed through the Leupold Control App.



TARGET SETTINGS (MAIN MENU OPTION)

Target mode has three targeting settings; Best, Last and Long. The default setting is Best, which is ideal for most hunting situations. Last prioritizes the farthest target and helps you range through rain, snow and fog. The Long setting maximizes your ranging distance by collecting multiple laser returns. This setting is commonly used for navigation and marking distant waypoints and most often requires mounting the unit on a tripod because you are pressing and holding the POWER/RANGE BUTTON and must keep the RX-5000 still.

BEST

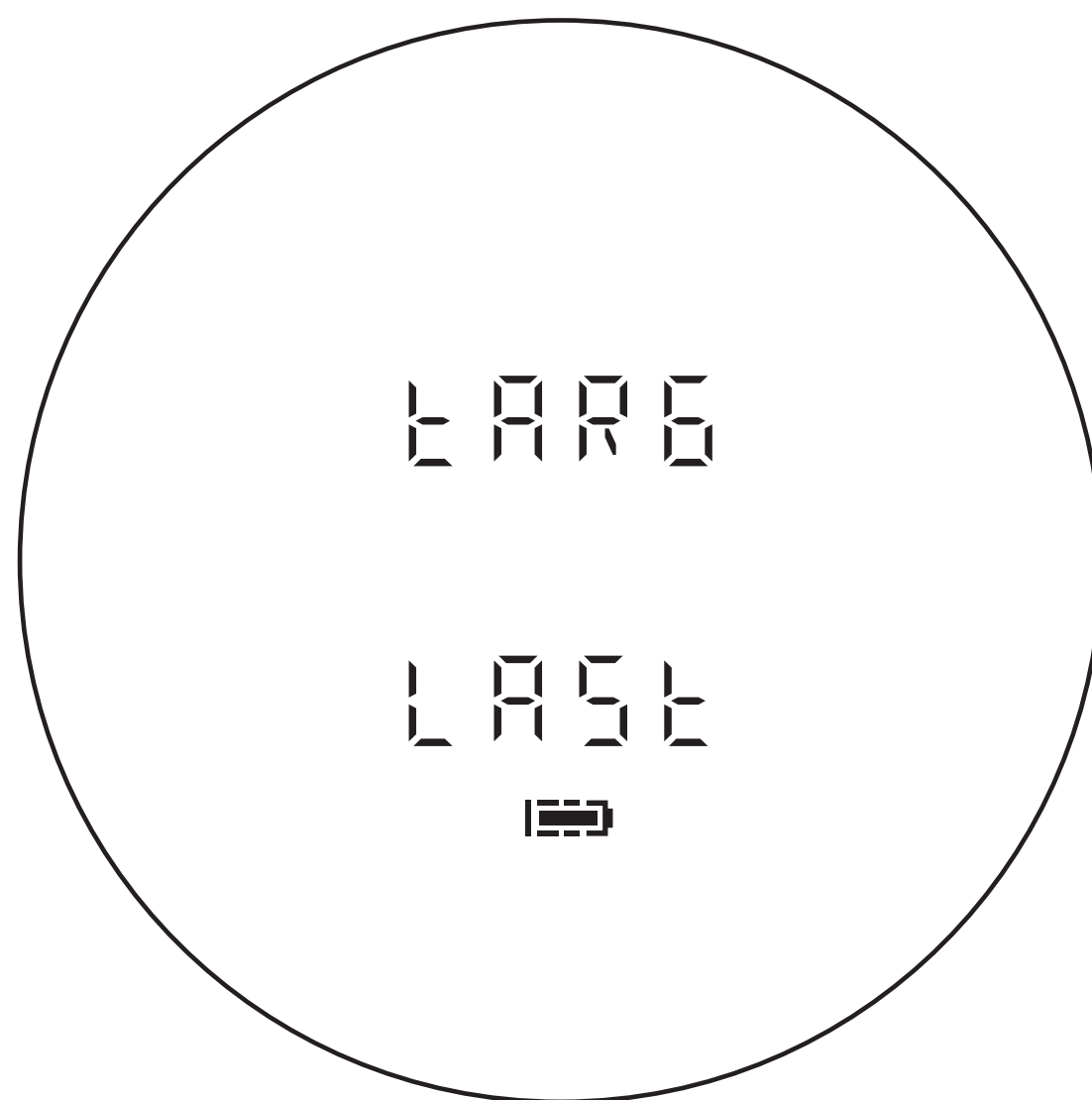
This should be your default setting for most hunting conditions.

LAST

This setting ensures an accurate reading on the farthest object in adverse weather conditions such as rain, fog, and snow.

To activate Last Target mode, navigate through the menu by pressing and releasing **BUTTON 1** until “tARG” is displayed. Then, use the **POWER** button to toggle target settings. **BUTTON 1** will save your selection and advance the menu. When using Last Target mode, be mindful of

the distance to your target. At longer ranges, the laser beam spreads, which can cause it to detect objects beyond your intended target. This is less likely when ranging an animal against an inclined hillside. However, when ranging an animal on flat, open terrain—such as the plains of eastern Montana—be careful to ensure the intended target is the object being ranged. The laser engine will return the largest target ranged.

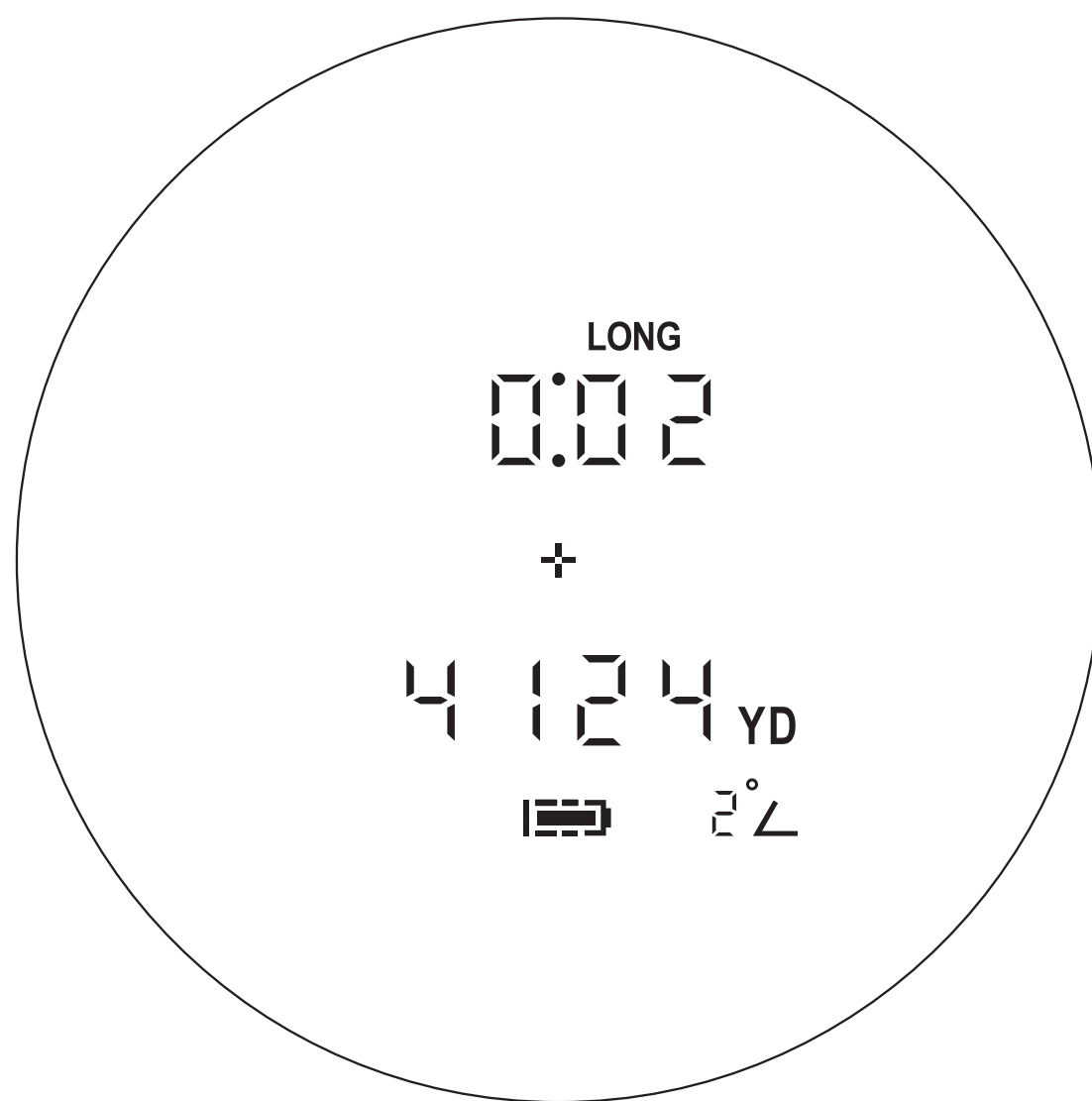


LONG

The RX-5000 can achieve maximum ranging performance when using LONG Mode. Instead of taking a new measurement every one-third of a second, the rangefinder continuously accumulates laser pulses, allowing it to range trees out to 6,000 yards typically within 3-10 seconds. Once the rangefinder locks onto a target, it will stop emitting pulses. Simply release the POWER button and repeat the same process to range a second target. You can also activate LONG Mode remotely by using the Leupold Control App.

For best results, the rangefinder must remain completely still while using LONG Mode. Although it may be possible to range larger or more reflective targets with a steady hand, Leupold strongly recommends using a tripod, the included tripod saddle, and the Leupold Control App with Remote Fire to maximize ranging performance.

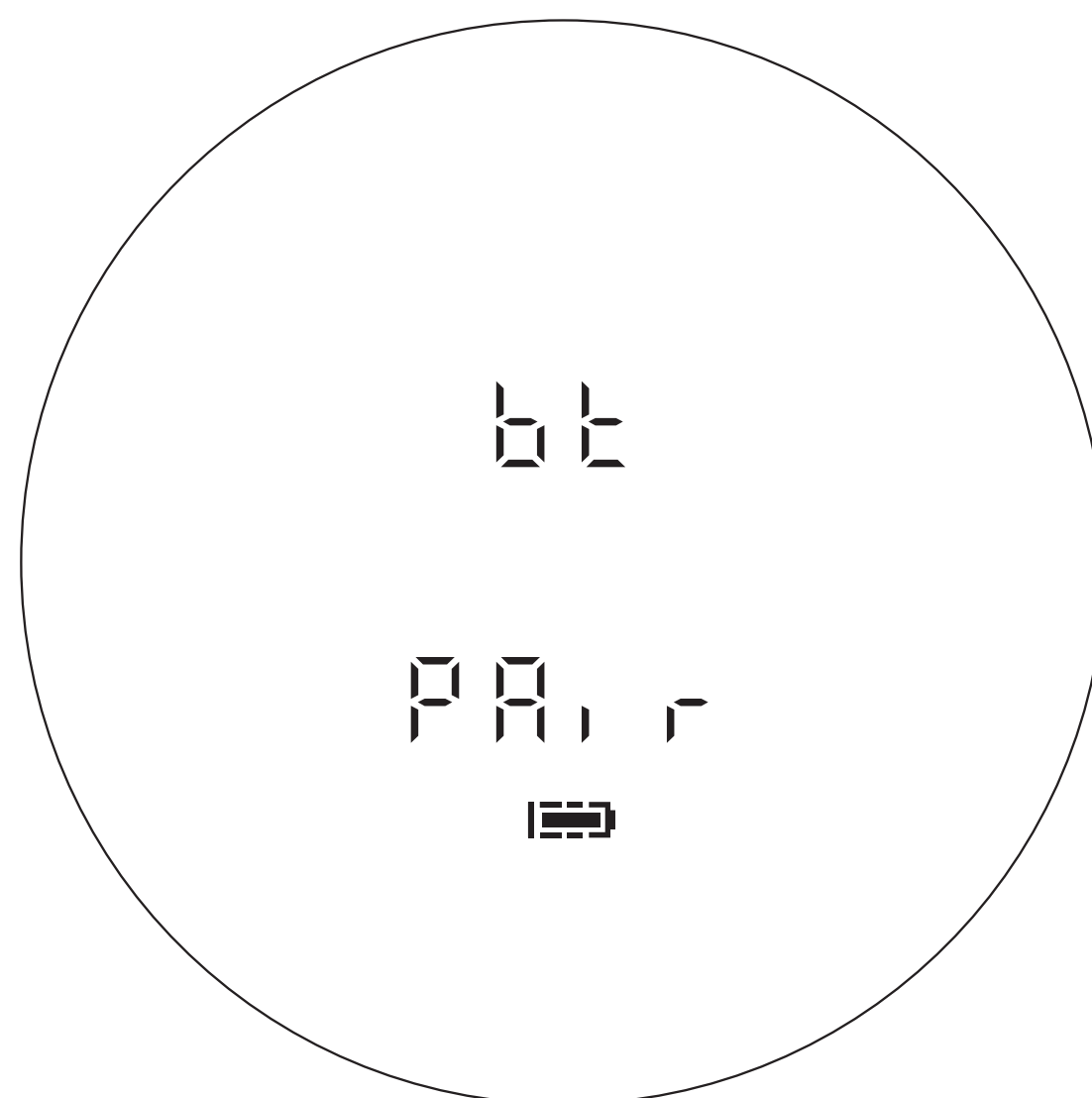
When in LONG Mode, the RX-5000 will indicate an elapsed time on the top row of its display and generate a distance measurement on the bottom row of its display when a target is achieved. To start accumulating pulses, set the rangefinder to LONG Mode and hold down the POWER button.

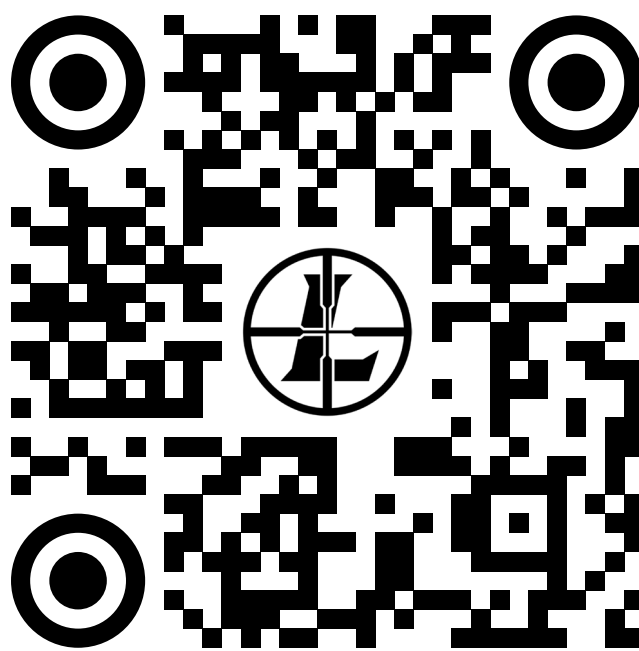


For optimal stability, ensure the tripod saddle is securely attached and sits flush against the face of the rangefinder.

BLUETOOTH PAIRING

Once you have selected your target setting you will next see the Bluetooth screen. This is where you can turn Bluetooth on or off or select “pair” to connect the unit to the Control App. Select “on” when actively using the Control App. Select “off” to prolong the battery life, and select “pair” when you want to connect the unit to the App. You can also pair it by pressing and holding BUTTON 1 and pressing the POWER button when the device is powered off. You only need to connect to the app once. The RX-5000 will remember.





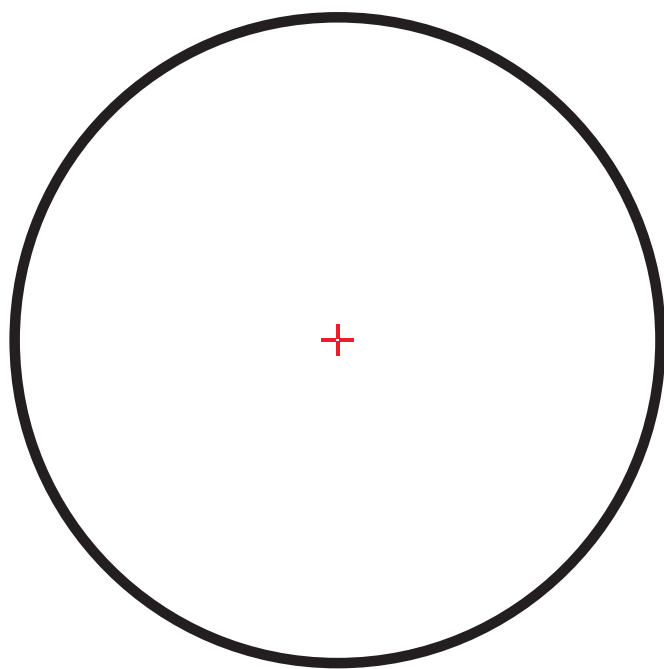
**Go to your app store to download the
Leupold Control App.**

**Scan the QR code to download and learn how
to use the Leupold Control App.**

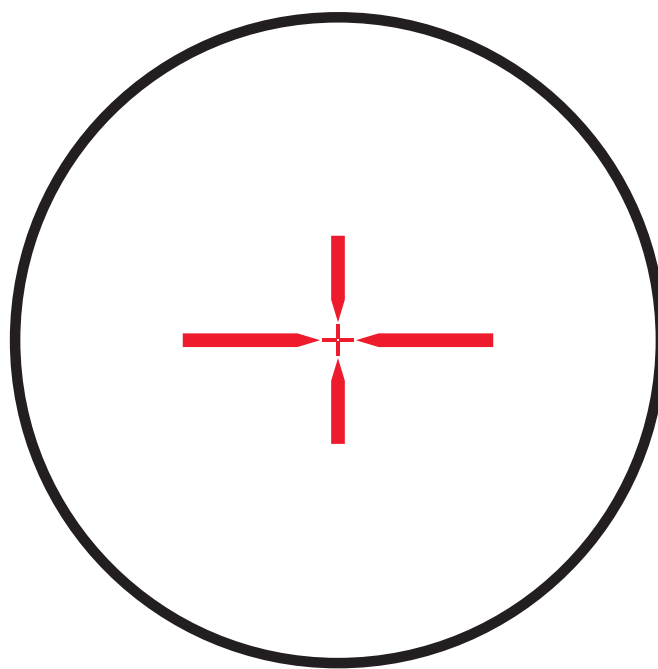
RETICLE SELECTION

The RX-5000 allows you to choose from one of three reticle options. To select a reticle, press and release BUTTON 1 until the current reticle is blinking. Press the POWER button to scroll through the options, press BUTTON 1 to select your choice and exit the setup menu. Many users prefer Plus Point in low light conditions to reduce the impact on eyes.

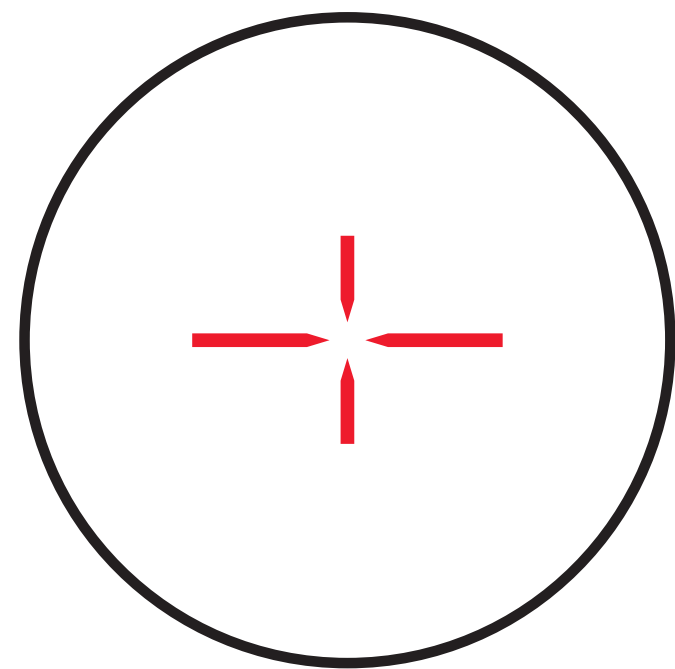
Conversely, many users prefer the Duplex with Plus Point when in bright daylight conditions.



Plus Point



Duplex with
Plus Point



Duplex

RANGING

Place the reticle on a target you wish to range, then press and release the POWER button. A distance measurement will appear in the display. If the laser is unable to range the target, reposition the rangefinder and try again. There's no need to clear the previous reading before taking another measurement.

SCANNING

For continuous measurement of a moving target, hold down the POWER button and track the object's movement. The distance will update automatically. This method can also be used to obtain the range of multiple animals or objects by moving the reticle from one target to another while holding down POWER.

ACCURACY

The RX-5000 rangefinder delivers ± 0.5 -yards/meters accuracy at distances under 125 yards/meters and up to ± 2 -yards/meters accuracy at longer distances. However, its maximum range and accuracy are influenced by the reflectivity of the target being ranged and the prevailing atmospheric conditions.

The reflectivity of a target is determined by its texture, color, size, and shape. As a rule of thumb, brightly colored targets tend to be more reflective compared to darker targets. This means that a tan game coat, for instance, would provide a more reliable reading than a black game coat due to its higher reflectivity. In the same way, shiny surfaces exhibit greater reflectivity than dull surfaces.

Ranging performance is also affected by haze, fog, rain, and other environmental conditions that degrade air clarity. Even the sun's infrared energy can be a challenge to ranging performance, especially on bright days.

TROUBLESHOOTING

The rangefinder is not displaying a range.

- » Ensure that you are pressing the POWER button as opposed to BUTTON 1.
- » Make sure nothing, such as your hand or fingers, is blocking the lenses, as this can interfere with the transmission and reception of the laser pulses.
- » Hold the unit steady while pressing the POWER button.
- » Confirm that the target is at least seven yards away.

MAINTENANCE

Leupold rangefinders require minimal maintenance. To keep yours in working order, occasionally blow on the exterior lenses or use a soft lens brush, like the one found on the Leupold LensPen®, to remove any dust or debris. To remove fingerprints or water spots from the lenses, use a microfiber cloth or the cleaning end of the Leupold LensPen. A lens tissue with cleaning fluid may be used on stubborn dirt, but always apply the fluid directly to the cloth, never to the lenses.

SAFETY PRECAUTIONS

The Leupold RX-5000 TBR/W employs an IEC Class 1M laser. Even so, it's essential to take the following safety precautions:

- » Avoid depressing the POWER button while aiming at a human eye or looking into the optics from the objective side.
- » Keep the RX-5000 TBR/W out of reach of small children.
- » Refrain from disassembling the product, as it may result in an electric shock or hazardous laser radiation exposure.
- » Only use a high-quality CR123 Lithium battery or an equivalent power source.

LASER RADIATION - DO NOT EXPOSE USERS OF TELESCOPIC OPTICS - CLASS 1M LASER PRODUCT

This product complies with IEC 60825-1: 2014-05 Ed. 3.0 and complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed.3., as described in Laser Notice No.56, dated May 8, 2019. $P_o < 1$ mW. λ : 905 nm. t_w : 30-35 ns.

LEUPOLD & STEVENS, Inc, 14400 NW Greenbrier Parkway, Beaverton, OR 97006



Label located on right side of product Refer to Leupold Control App for additional compliance information

WARRANTY

The Leupold Electronics Warranty covers defects in materials and workmanship in the electronic components of RX rangefinders and BX rangefinding binoculars. This warranty lasts for five years from the date of purchase. For complete warranty details, visit leupold.com/warranty.

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

For product questions, visit leupold.com or call (800) LEUPOLD (538-7653).

IN THE UNITED STATES (By Parcel Service)

Leupold Product Service
14400 NW Greenbrier Parkway
Beaverton, OR 97006-5790 U.S.A.

By Postal Service:

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

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For patent information, visit www.leupold.com/legal.

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Please refer to the Leupold Control App for RX-5000 TBR/W rangefinder compliance information.

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