

# How to Use the Rangefinder and Ballistic Calculator

## Selecting Your Ballistic Profile

1. In the menu, go to "Ballistic Calculator" and toggle it to "ON".
2. Next, go to "Ballistic Data Settings". Under "Ballistic Profile", select from the five options (A to E).

See the table below for arrow speeds and compatible crossbow models for each of the five pre-set ballistic profiles.

Profile	Arrow Speed	Crossbow Models
A	390 fps	TX Ultra 26.5, TX 28, Venom X
B	400 fps	Titan X, Phantom De-Cock, Commander 400, Warrior 400
C	415 fps	Turbo X
D	450 fps	TRX 26, Stealth 450, TX Ultra 29.5
E	500 fps	TRX Ultra



## Performing Ranging and Ballistic Calculation

1. Aim at the target.
2. Press the **Ranging Button** once.
3. The ranging reticle will appear in the VISION scope, allowing you to scan the distance to whatever it is aimed at.
4. Once the ranging reticle is locked onto your intended target, press the **Ranging Button** again. The reticle will disappear. If the target is not at the 30-yard zero range, the crosshair will automatically shift to the calculated position, showing the target's actual range and the required hold-over or hold-under in inches.

Note: While tracking a moving animal, the ranging reticle updates the yardage in real time according to its distance. Once the animal stops, press the **Ranging Button** again to lock in the distance, crosshair position, and hold-over/hold-under.



## Zeroing Your TenPoint VISION Scope



### STEP 1: Entering Zeroing Menu

Press and hold the **Menu Button** until the menu appears.

Press the **Record Button** to navigate to "Zeroing".

Press the **PIP Button** to enter the Zeroing interface.

### STEP 2: Selecting Zeroing Profile

After you enter the Zeroing menu, your cursor is defaulted to "Zeroing Profile".

When the cursor is on "Zeroing Profile", press the **PIP Button** and **Day/Night Button** to change zeroing profiles.



### STEP 3: Acquiring the POI

From 30-yards, shoot an arrow while holding the point of aim (POA) as accurately as possible.

Your point of impact (POI) should be near the POA.

### STEP 4: Freezing the Image

Hold your crosshair accurately to your original POA (it is recommended to do this using a gun rest for the most accurate zeroing).

Press the **Power Button** to freeze the screen when your POA aligns. The crosshair should now align with your original desired POA. If alignment is slightly off, press the **Power Button** to turn "Freeze" off and retry aligning.



### STEP 5: Adjusting the Reticle Position

Once the screen is frozen and the crosshair is aligned with your POA, press the **Record Button** to navigate to the "X" and "Y" values.

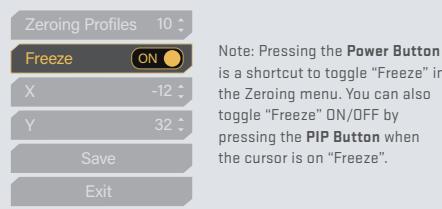
For "X", use the **Day/Night Button** or the **PIP Button** to move the crosshair horizontally until it aligns with the arrow POI. For "Y", use the **Day/Night Button** or the **PIP Button** to move the crosshair vertically until it aligns with the arrow POI. Your crosshair should now be aligned with the arrow POI.

### STEP 6: Saving and Exiting

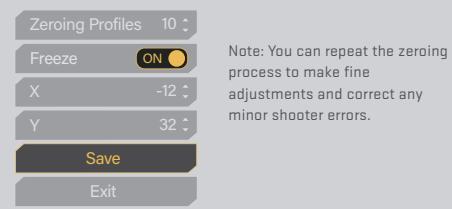
Press the **Record Button** to navigate to "Save" and press the **PIP Button** to save your new zero position.

Press the **Record Button** to navigate to "Exit" and press the **PIP Button** to exit the Zeroing menu without saving your change.

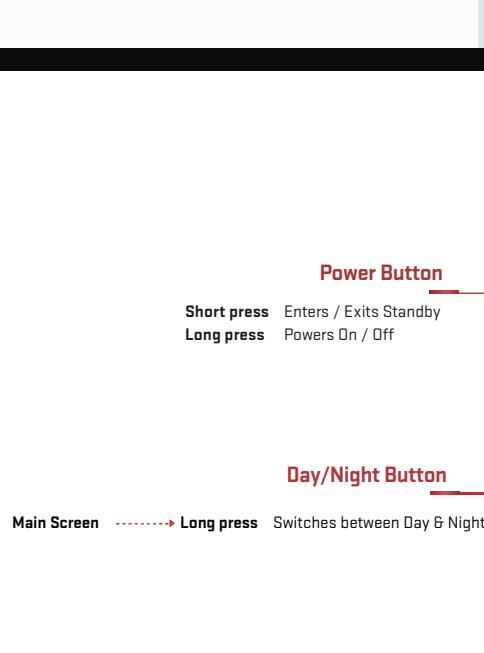
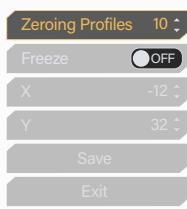
Shoot the bow again to verify that you have achieved an accurate zero.



Note: Pressing the **Power Button** is a shortcut to toggle "Freeze" in the Zeroing menu. You can also toggle "Freeze" ON/OFF by pressing the **PIP Button** when the cursor is on "Freeze".



Note: You can repeat the zeroing process to make fine adjustments and correct any minor shooter errors.



① PIP: Picture-in-Picture  
② RAV: Recoil Activate Video



### Power Button

**Short press** Enters / Exits Standby  
**Long press** Powers On / Off

### Day/Night Button

**Main Screen** **Long press** Switches between Day & Night

### Menu Button

**Main Screen** **Short press** Switches Reticle Color  
**Long press** Enters Menu

### PIP Button

**Main Screen** **Short press** Sets Screen Brightness  
**Long press** Turns On / Off PIP ①

### Record Button

**Main Screen** **Short press** Starts / Ends Recording  
**Long press** Starts RAV ② Recording (Manual Mode)

In the menu, the four buttons work like your TV remote control. Use the **Menu Button** or the **Record Button** to move your cursor up or down. Use the **PIP Button** to select and the **Day/Night Button** to cancel and go back.

1. Locate the battery cap on the left side of the VISION scope.
2. Unscrew the cap and set it aside.
3. Insert the battery into the battery compartment, positive end first.
4. Reinstall the battery cap and tighten it 1/3 to 1/2 turn after the O-ring makes contact.

#### STEP 4: **Installing the battery in the VISION scope.**



1. The Picatinny mount comes with four screws and an Allen wrench for attaching it to the VISION scope.
2. Position the mount so that its front four screws align with the M6A to the left from the shodter's perspective.
3. Attach the mount to the VISION scope.
4. Tighten the four screws and tighten them using the provided Allen wrench.

#### STEP 2: **Installing the Picatinny mount on the VISION scope.**

1. The Picatinny rail is fastened to the Picatinny mount.
2. Perform a visual inspection to ensure that the Picatinny mount is fastened properly to the Picatinny rail.
3. Place the VISION scope on your crossbow and adjust for the appropriate amount of eye relief.
4. Fasten the end (positive end) into the front of the Picatinny rail.

#### STEP 3: **Mounting the VISION scope on your crossbow.**

1. Connect the USB-C cable to the charging port.
2. Any USB power supply rated at 1.2A or higher.
3. Place the VISION scope on your crossbow and adjust for the appropriate amount of eye relief.
4. Charging starts. You can charge both batteries simultaneously.

#### STEP 1: **Charging the 21700 battery (flat-top).**



## VISION QUICK START

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