

# Ballistic Calculator — User Manual

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## ▶ Device Operation — Turn on Wi-Fi

### ⚠ Before You Begin:

- Before using ballistic calculation, select the matching firearm profile on the device and complete **zeroing** (see the user manual for details).

Zeroing data is saved in the device profiles (A-E); ballistic calculation uses this data as its baseline.

- Search for **RIX+** in your phone's app store, download and install the app.

### Turn on Wi-Fi

Turn on the device's Wi-Fi function (refer to your device's user manual for steps).

Once Wi-Fi is enabled, the device screen displays the hotspot: **{Series}-{Model}-{Device No.}**, default password **12345678**.



▲ Device Wi-Fi Screen

# ▶ APP — Connect Device & Enter Ballistic Calculation

## Connect to Device Hotspot

Step	Operation
①	Go to your phone's <b>Settings</b> → <b>WLAN/Wi-Fi</b>
②	Find {Series}–{Model}–{Device No. }, enter the default password to connect
③	Open RIX+ APP, tap the <b>Connect</b> button on the home screen
④	Once connected, you will be taken to the function menu

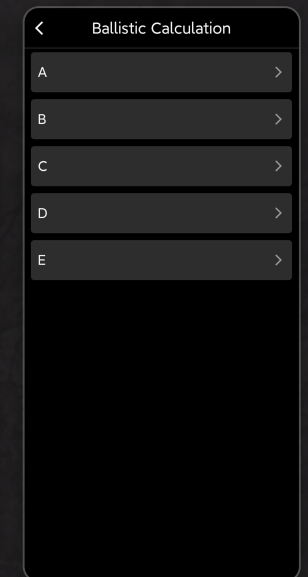
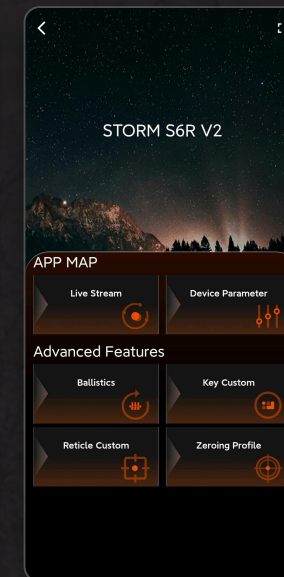
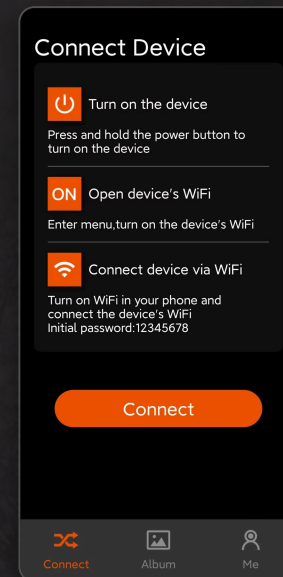
## Enter Ballistic Calculation

On the APP function menu, tap the **Ballistic** icon to enter the profile selection page.

## Select Zeroing Profile

Choose one of the **A~E** zeroing profiles that has already been zeroed to enter the parameter configuration page.

Zeroing profiles correspond one-to-one with the device's zeroing data. Make sure to select the same profile used during zeroing.



▲ APP Home (Connect) → Function Menu (Ballistic) → Select Profile (A~E)

# ▶ Parameter Configuration — Bullet & Rifle

Tap each parameter to open the adjustment window, where you can enter values and switch between metric and imperial units.

## Bullet Parameters

Parameter	Description	Source
<b>Ballistic Coefficient (BC)</b>	The ability of the bullet to overcome air resistance; higher BC means a flatter trajectory	Ammunition packaging
<b>Drag Model</b>	The aerodynamic drag model (e.g. G1, G7)	Ammunition packaging or supplier
<b>Bullet Weight</b>	Weight of the bullet	Ammunition packaging
<b>Muzzle Velocity</b>	The instantaneous velocity of the bullet as it leaves the muzzle	Ammunition packaging or supplier

All of the above parameters can be found on the ammunition packaging or obtained from your ammunition supplier.

## Rifle Parameters

Parameter	Description	Source
<b>Sight Height</b>	The vertical distance from the center of the scope's optical axis to the bore axis	Measured by the user during zeroing
<b>Zero Distance</b>	The target distance used for zeroing	Automatically synced from the device — <b>no manual entry required</b>

⚠ The zero distance is automatically pushed from the device to the APP. If you modify the zero distance in the APP, saving will **overwrite the data on the device.**

### Ballistic Calculation

Zeroing Profile A

▼ Bullet

Ballistic Coefficient 0.346 >

Drag Model G7 >

Bullet Weight 168.0 gr >

Muzzle Velocity 3000 ft/s >

▼ Rifle scope

Sight Height 1.50 inch >

Zero Range 91 m >

▼ Spin Drift

Barrel Twist 12.00 inch >

Twist Direction Left >

▼ Outdoor weather conditions

Temperature 59.0 °F >

Altitude 0 ft >

Barometric Pressure 29.92 inHg >

Relative Humidity 50 % >

**Send to Device**

# ▶ Parameter Configuration — Spin Drift, Weather & Send to Device

## Spin Drift (Optional)

Parameter	Description	Source
Barrel Twist	The twist rate of the barrel rifling, affecting bullet spin speed	Consult your firearm supplier
Twist Direction	The direction of rifling twist (Left/Right)	Consult your firearm supplier

Spin Drift is an optional feature that can be enabled or disabled as needed. Related parameters can be obtained from your firearm supplier.

## Weather Conditions

Parameter	Description	Source
Temperature	Current outdoor temperature	Obtained by the user
Altitude	Current altitude	Obtained by the user
Barometric Pressure	Current atmospheric pressure	Obtained by the user
Relative Humidity	Current relative air humidity	Obtained by the user

## Send to Device

Once all parameters are configured, tap the **Send to Device** button at the bottom to sync the data to the riflescope. The ballistic calculation function can now be used on the device.

The screenshot shows a mobile application interface titled "Ballistic Calculation". It features a list of parameters for configuration, each with a right-pointing chevron icon. The parameters are grouped into sections: "Zeroing Profile" (A), "Bullet" (Ballistic Coefficient: 0.346, Drag Model: G7, Bullet Weight: 168.0 gr, Muzzle Velocity: 3000 ft/s), "Riflescope" (Sight Height: 1.50 inch, Zero Range: 91 m), "Spin Drift" (toggle switch is turned on), and "Outdoor weather conditions" (Temperature: 59.0 °F, Altitude: 0 ft, Barometric Pressure: 29.92 inHg, Relative Humidity: 50 %). At the bottom of the screen is a prominent "Send to Device" button.

# ▶ Device Operation — Ballistic Calculation & Display

Use the ballistic calculation function on the Home Screen as follows:

## Operation Steps

Step	Operation	Description
① Turn On Ballistic Calculation	<b>Press Button</b>	Turn on ballistic calculation (see your device's user manual for the specific buttons); the screen indicates the function is active
② Rangefinding	<b>Press the Rangefinding Button</b>	Turn on LRF, aim at the target to obtain distance data
③ Ballistic Calculation	<b>Press the Rangefinding Button again</b>	Automatic ballistic calculation; the screen displays the <b>ballistic correction value (mil/MOA)</b> , and the reticle overlays the <b>Point of Impact</b>
④ Resume	<b>Press the Rangefinding Button again</b>	Return to LRF mode to continue measuring the next target

Pressing the Rangefinding Button cycles through ② → ③ → ④ → ②.



▲ ① Function ON → ② LRF Rangefinding → ③ Ballistic Solution