



# **Stream Vision Ballistics for iOS**

## **Manual**

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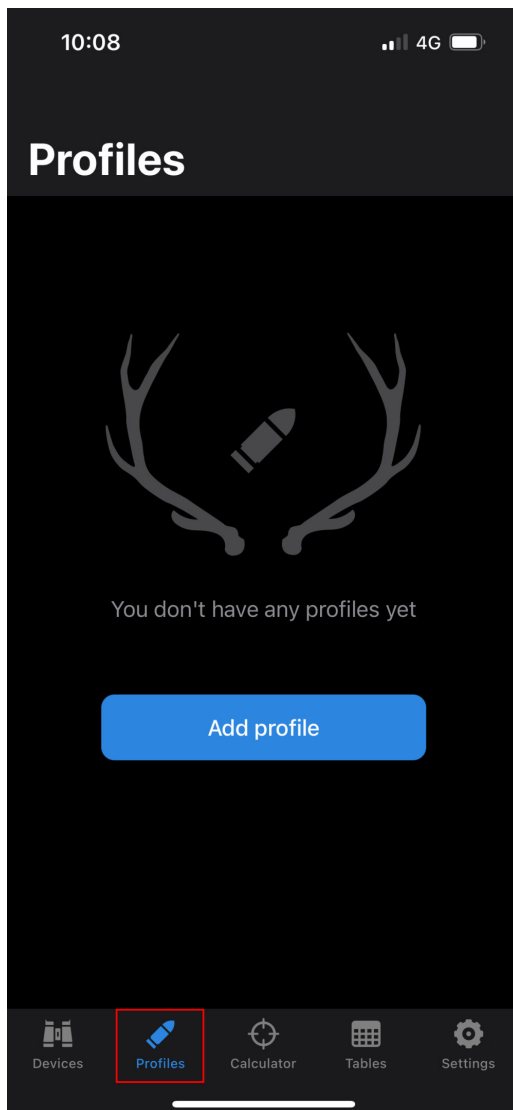
[Legal Compliances and Disclaimers](#)

# Getting Started

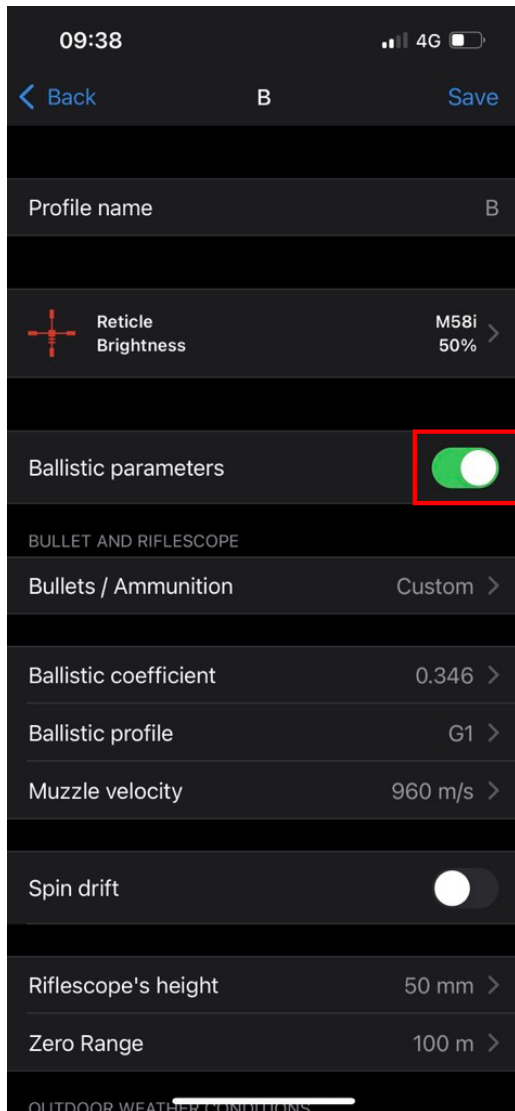
<https://www.youtube.com/embed/nB0c0FHm6IU>

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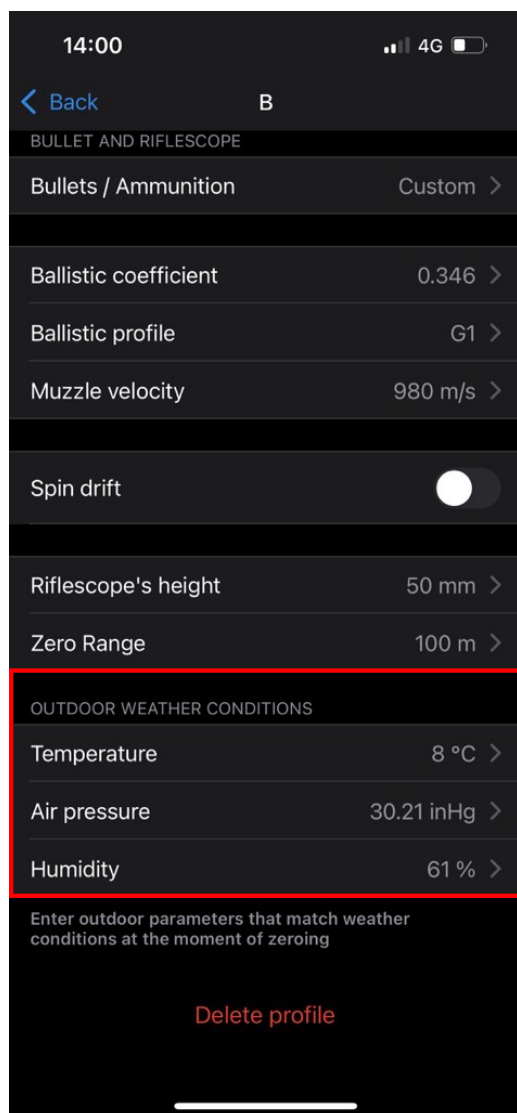
1. Install the Stream Vision Ballistics app from the [AppStore](#).
2. Go to the Profiles tab.



**3.** Create a ballistic profile for your riflescope, ammunition and zeroing distance. Make sure that “Ballistic parameters” switch is on. Adjust ballistic parameters on your ammo. If your ammo is not on the list, you can enter its parameters manually. The more parameters you specify, the more accurate the recommended point of aiming will be.




**4.** Adjust the temperature, pressure and humidity of the environment while zeroing.

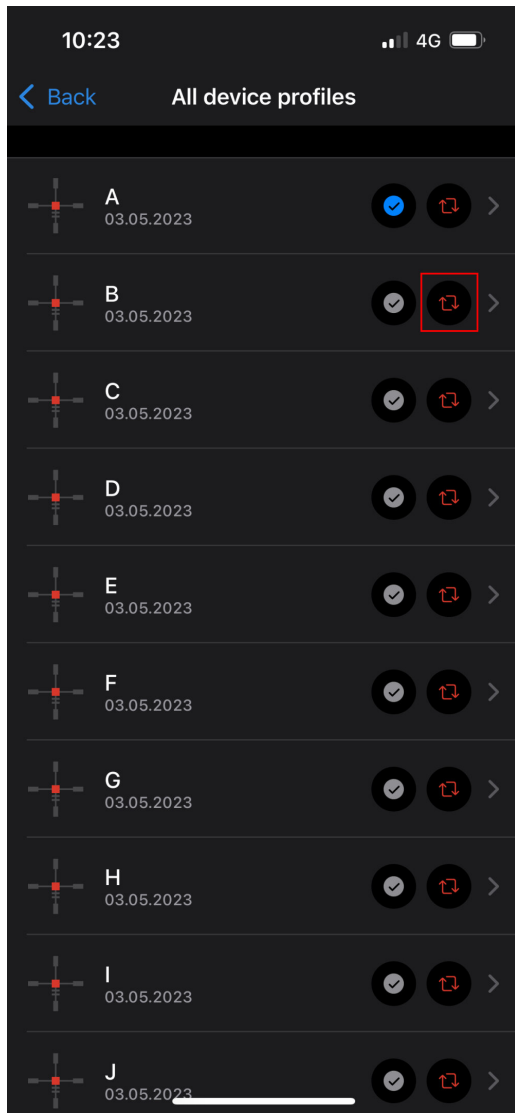



5. Enter a profile name and click "Save".

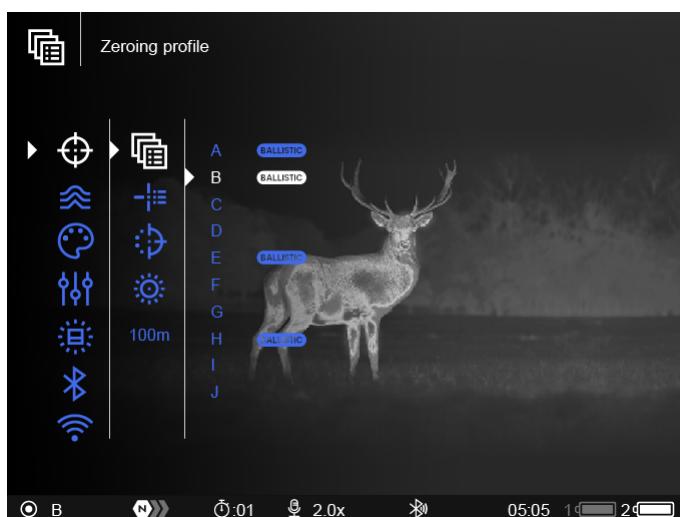
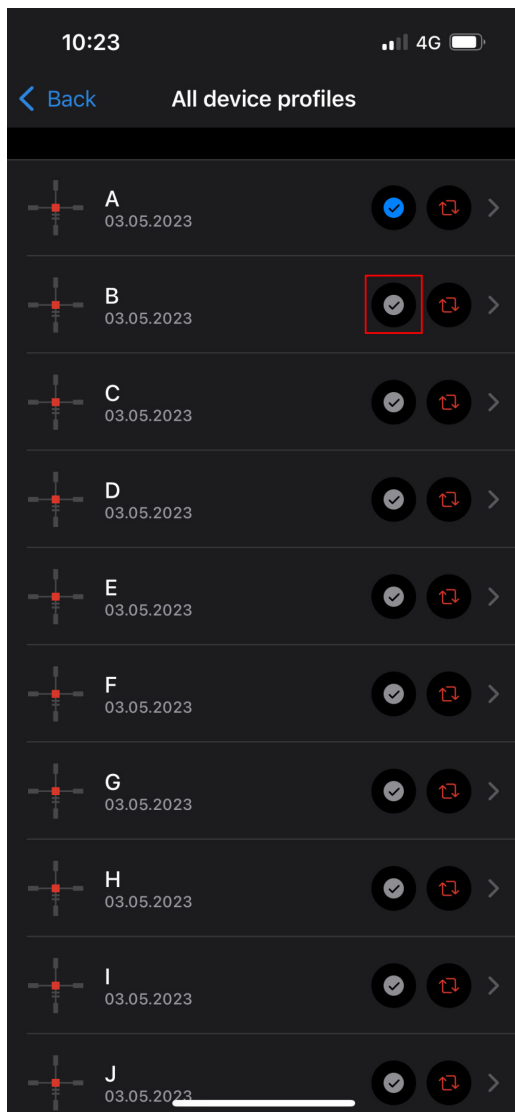
6. **Connect** your riflescope to your smartphone using Bluetooth. First, make sure that your riflescope has the latest firmware version 3.0 or higher installed.

7. Load the profile onto the riflescope.

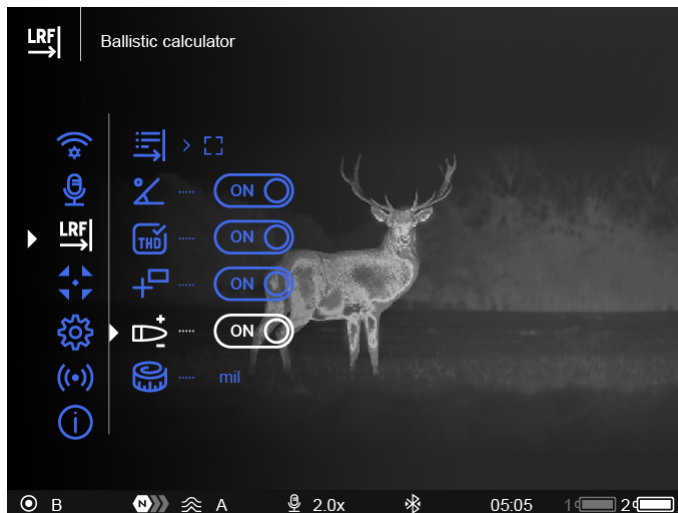
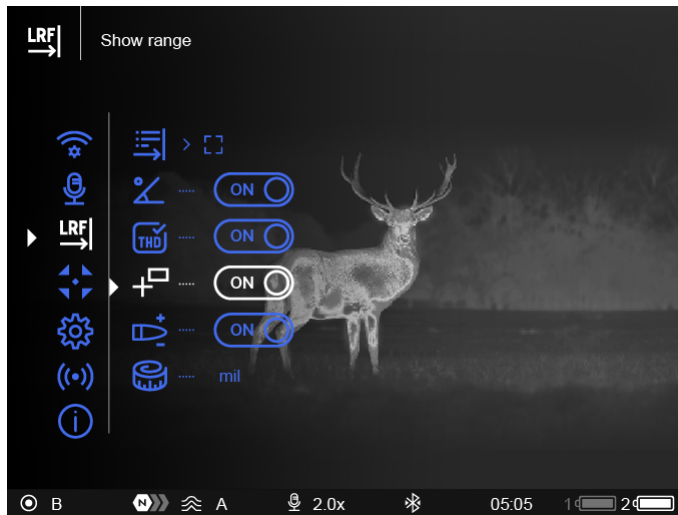
To do this, go to the "Devices" tab -> Select your riflescope -> "All device profiles" -> click  next to the standard (A, B, C, etc.) profile you want to replace and select your ballistic profile from the appearing list.



**8.** Set the status to "Active" for the ballistic profile. To do this, click on the button  next to the desired profile, or select it in the profile selection menu in the riflescope.



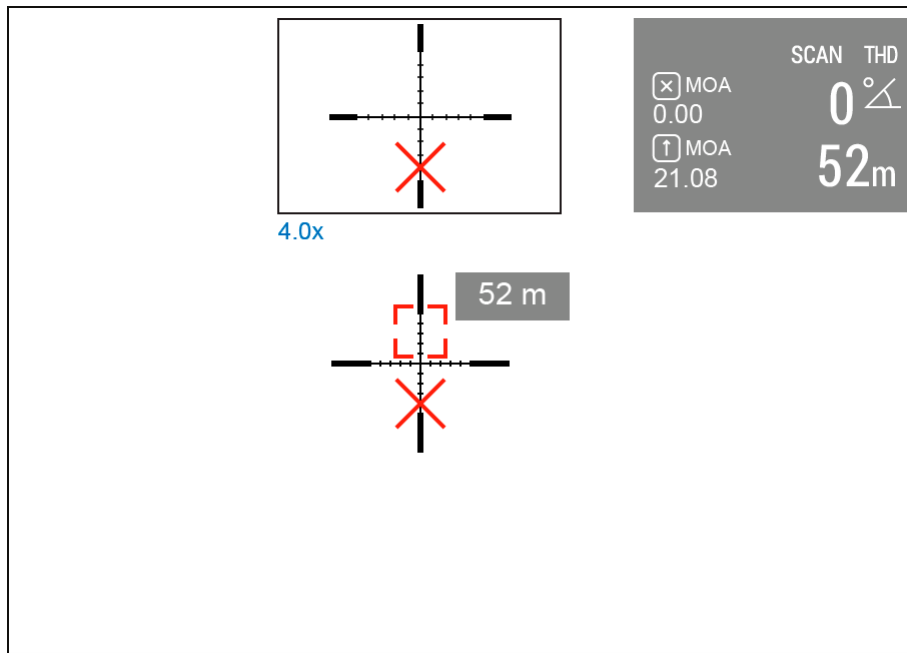
9. Make sure that the "Show range" and "Ballistic calculator" options are enabled in the riflescope's rangefinder menu.



**10.** Briefly press the **LRF** button to activate the rangefinder in the riflescope.

**11.** Point the rangefinder reticle at the object and press the **LRF** button. The screen will display the recommended aiming point ✗ and correction values in the upper right corner.

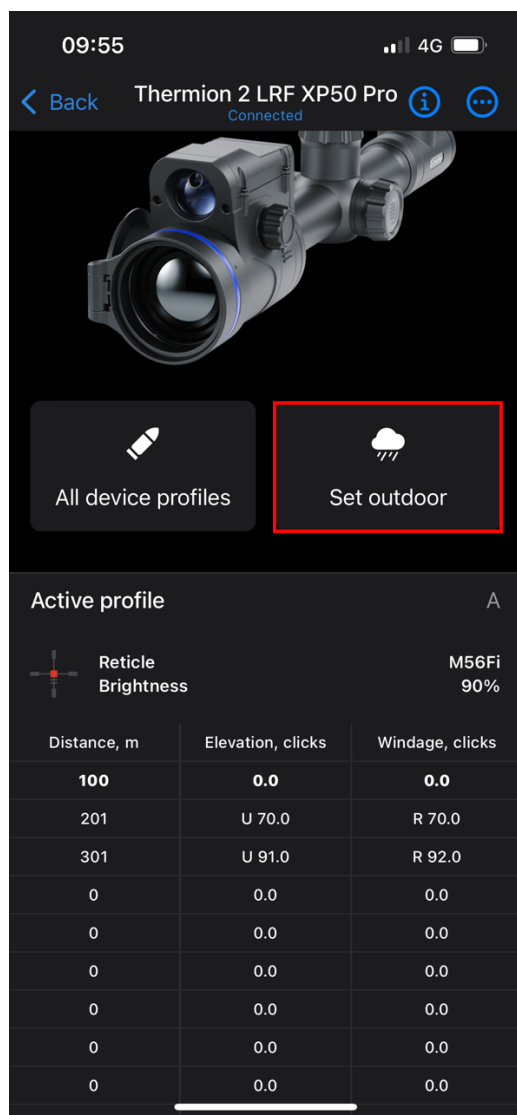




**12.** Check the accuracy of your profile settings with a test shot at the shooting range.

*Note:* profiles for different types of ammunition must be zeroed separately.


**13.** To activate the use of weather data in your geolocation while shooting, go to the "Devices" tab -> Select your riflescope -> Select "Set outdoor".



*Notes:* In the Rangefinder section of the main menu of your device, you can configure the following settings of the ballistic calculator:

- Screen position of the measured distance value (FW 3.2.0)
- Turn on/off the ballistic calculator
- Correction units
- Reticle type for suggested point of aiming (FW 3.2.0).

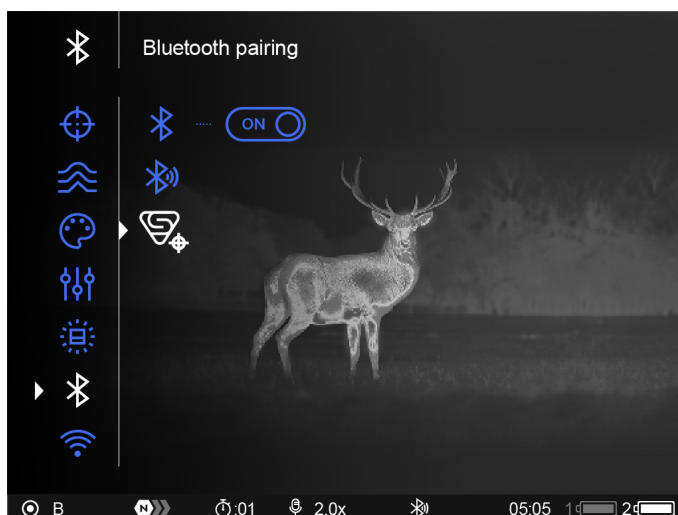
# How to connect to the device

1. Turn on the riflescope
2. Turn on Bluetooth  in the settings of your riflescope.

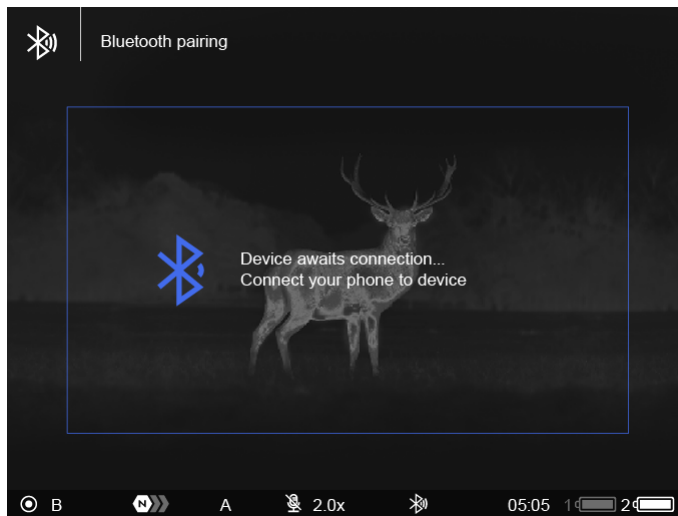


3. Activate the pairing mode in the riflescope.

FW 3.2.0 or higher

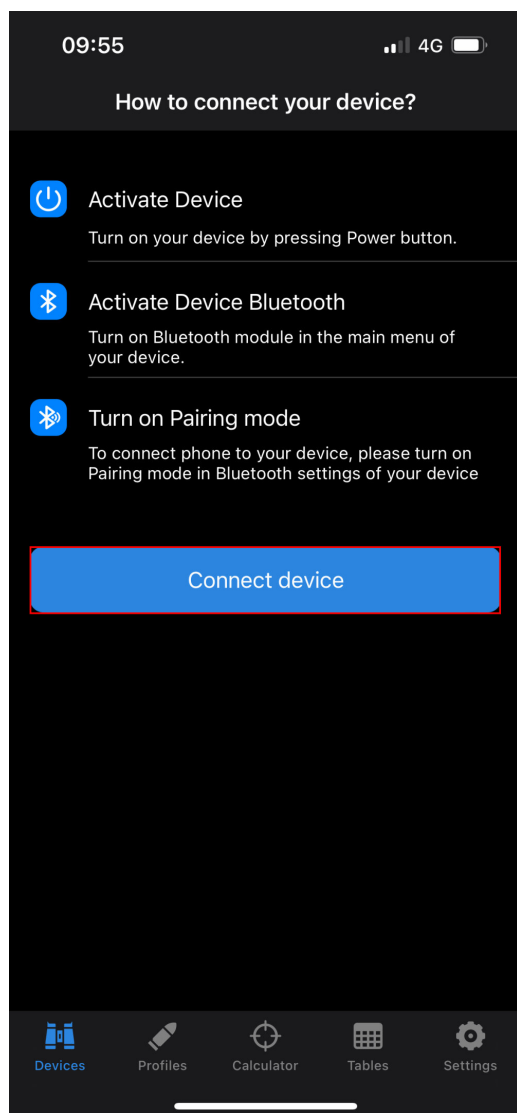


FW 3.1.0

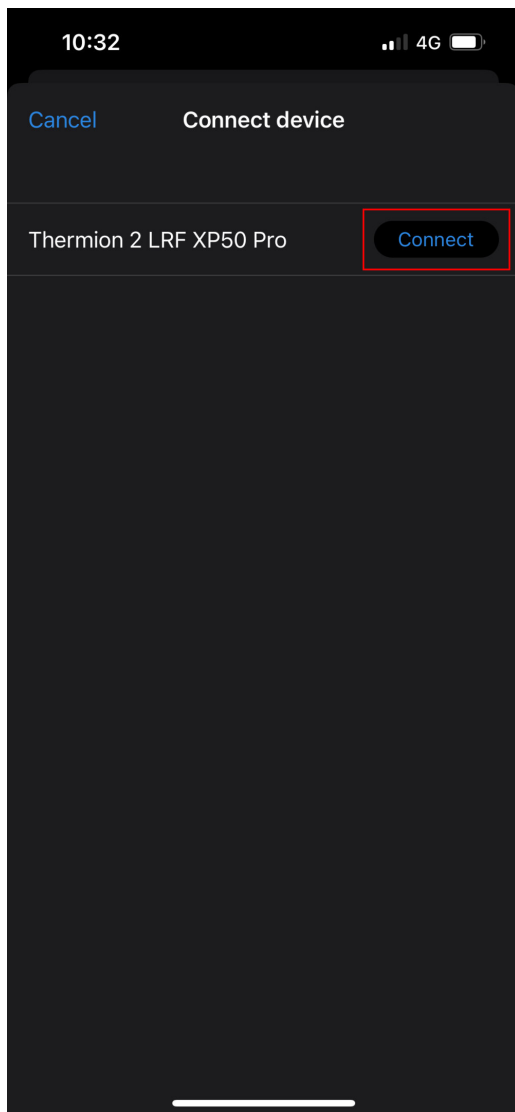


**4.** Turn on Bluetooth on your smartphone.

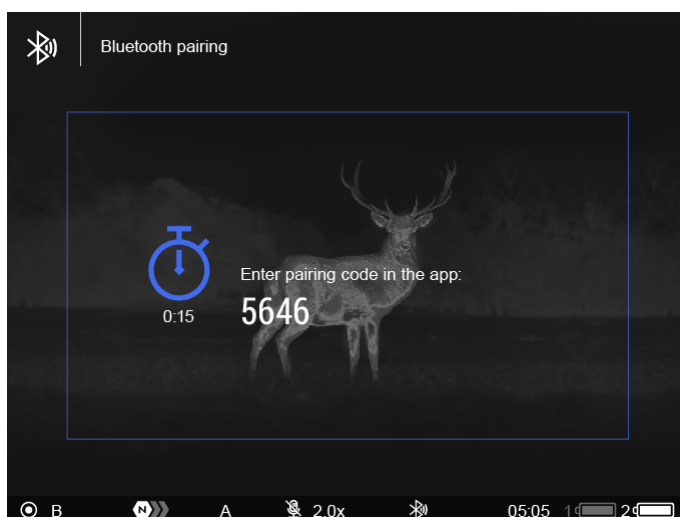
**5.** In the Stream Vision Ballistics application, on the Devices tab, tap "Connect Device".

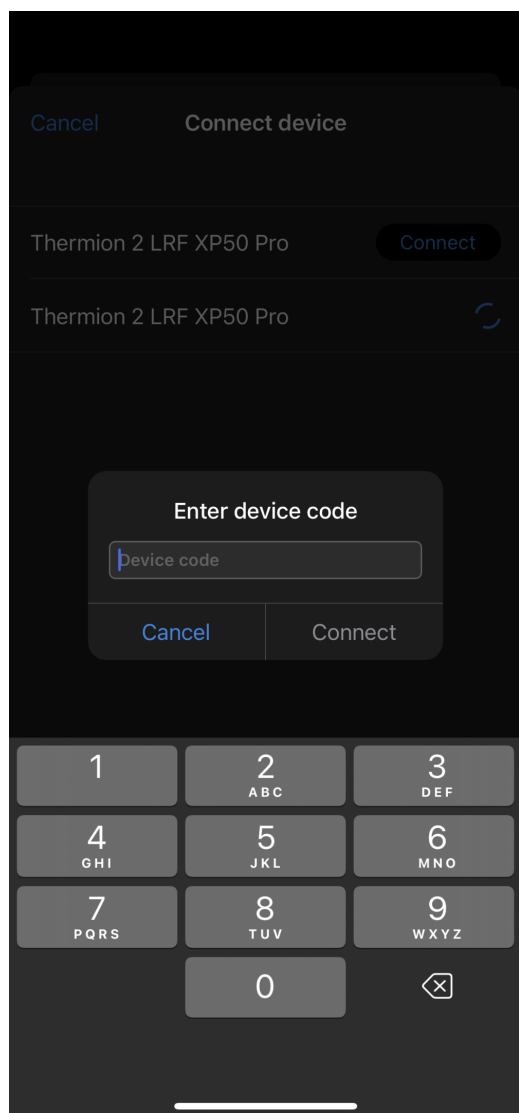


6. Click "Connect" button next to your device.



7. Enter the code that appears on the riflescope screen and tap "Connect".





**8.** The blue icon with Bluetooth sign  next to the riflescope means that the riflescope is connected.

10:20

4G

[Add device](#)

## Devices



Thermion 2 LRF XP50 Pro

s/n: 776047771

A



Devices



Profiles



Calculator



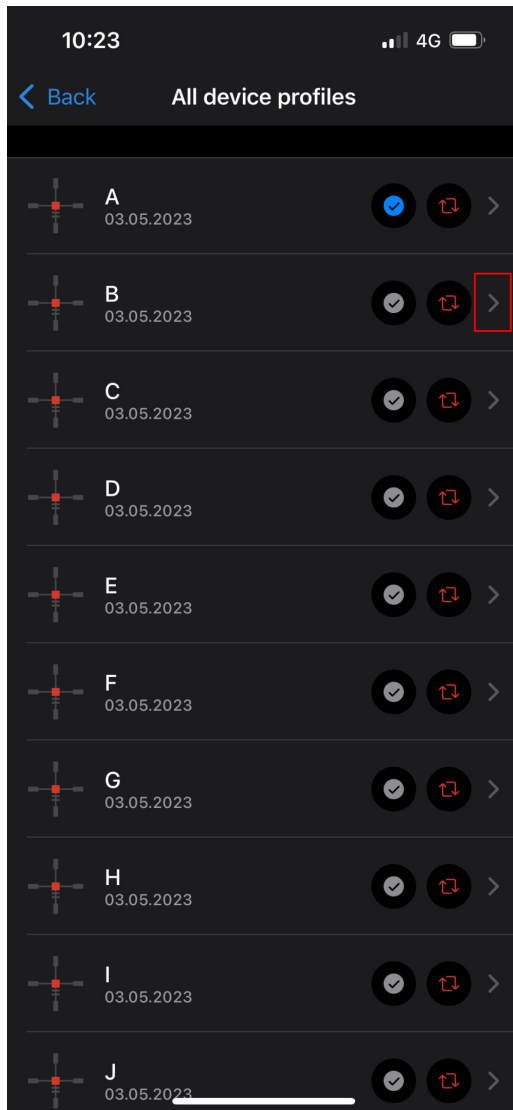
Tables



Settings

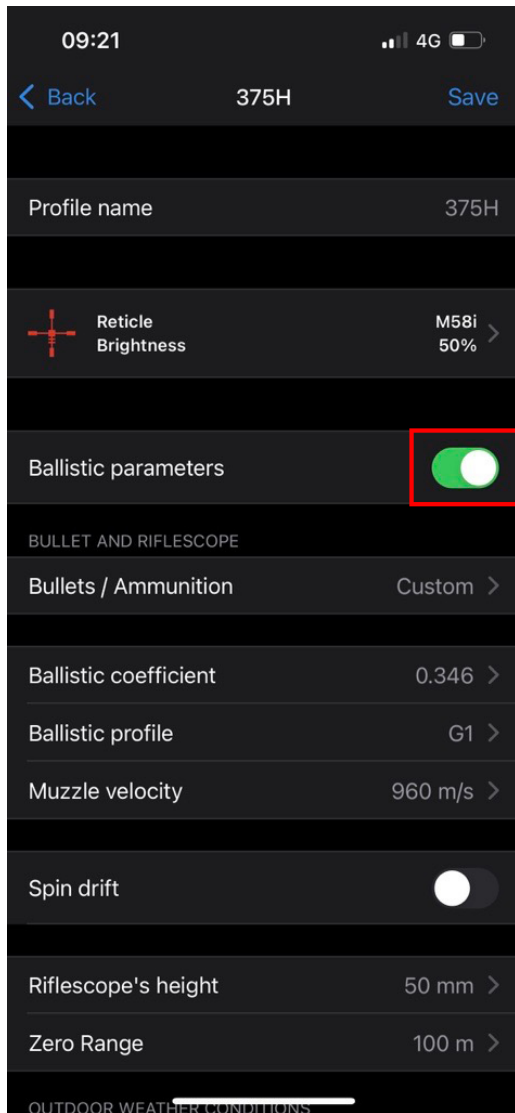



- 1.** Go to the "Devices" tab -> Select your riflescope -> "All device profiles" -> and select the desired profile.

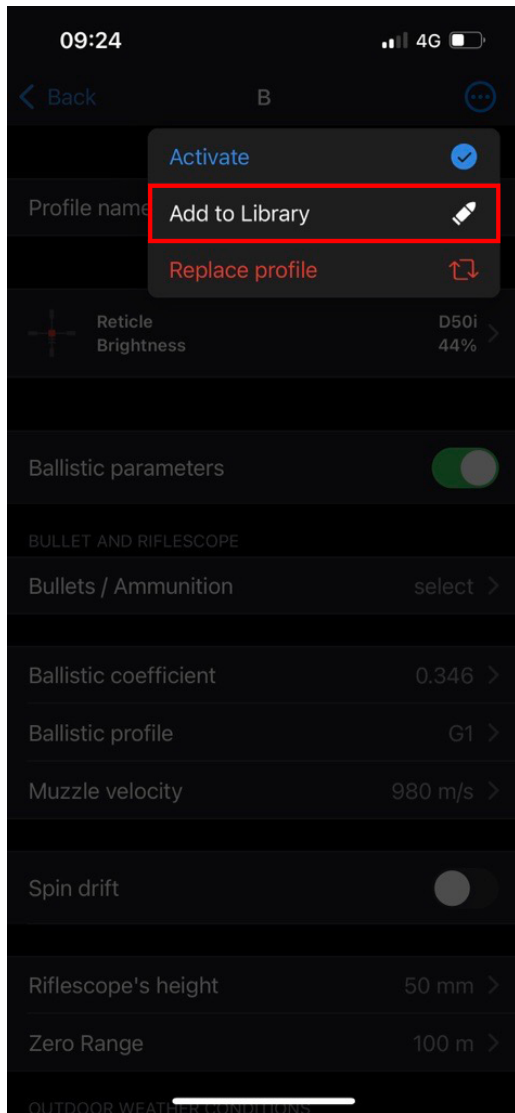


**2.** In the opened menu, you can configure the profile name, ammunition type, riflescope height, zeroing distance, weather conditions.


**3.** To use the profile for the built-in ballistic calculator in the riflescope, activate the "Ballistic parameters" switch.

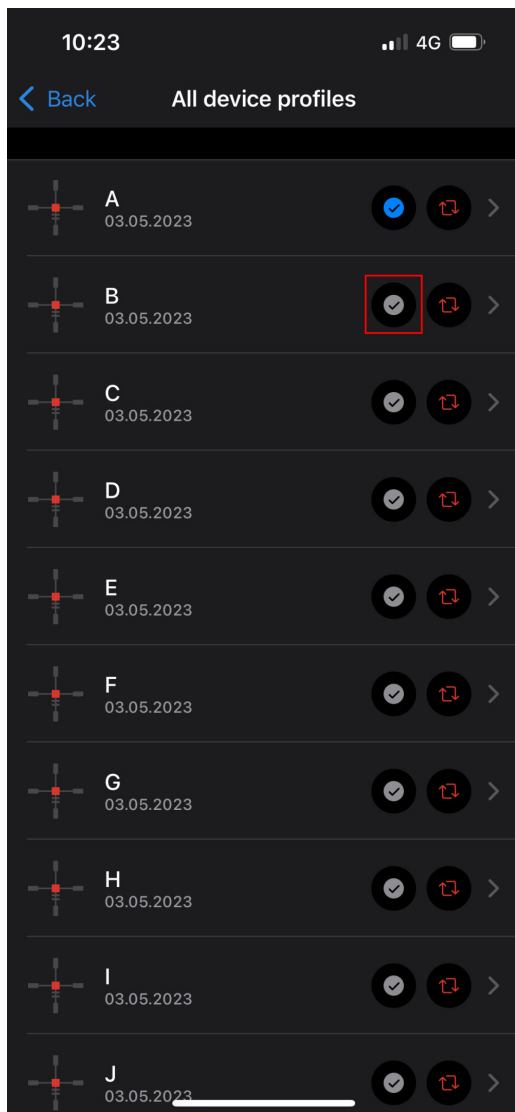



**4.** To add a profile to the application database, tap  -> "Add to Library". If the database already has a profile with the same name, change the name of the profile.

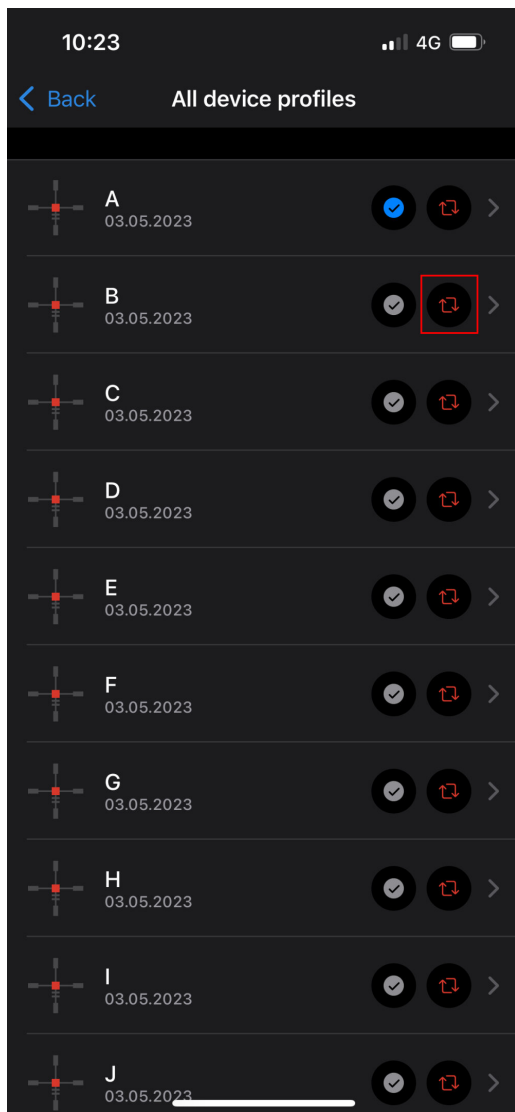


**5.** Tap "Save" to save changes.

**6.** Set the status to "Active" for the profile you want to use. To do this, tap the button  next to the desired profile.



**7.** To load a profile from the application database, tap  and select the desired profile from the list.



09:25

4G

Cancel

Select profile to replace



93x62

03.05.2023



30.06

03.05.2023



22rws

05.04.2023

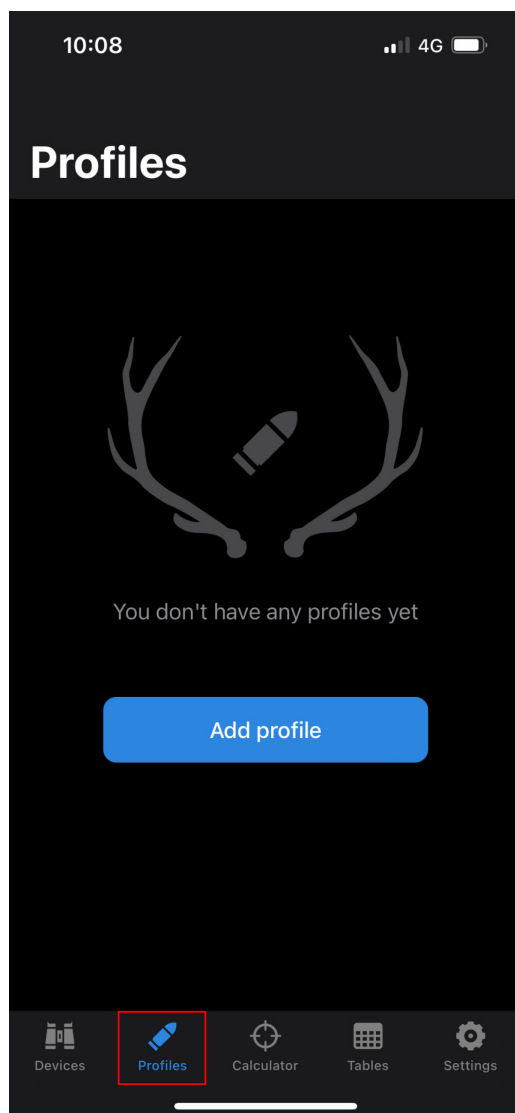


375H

11.05.2023

# Setting up the profile database in the application

1. Go to the "Profiles" tab.

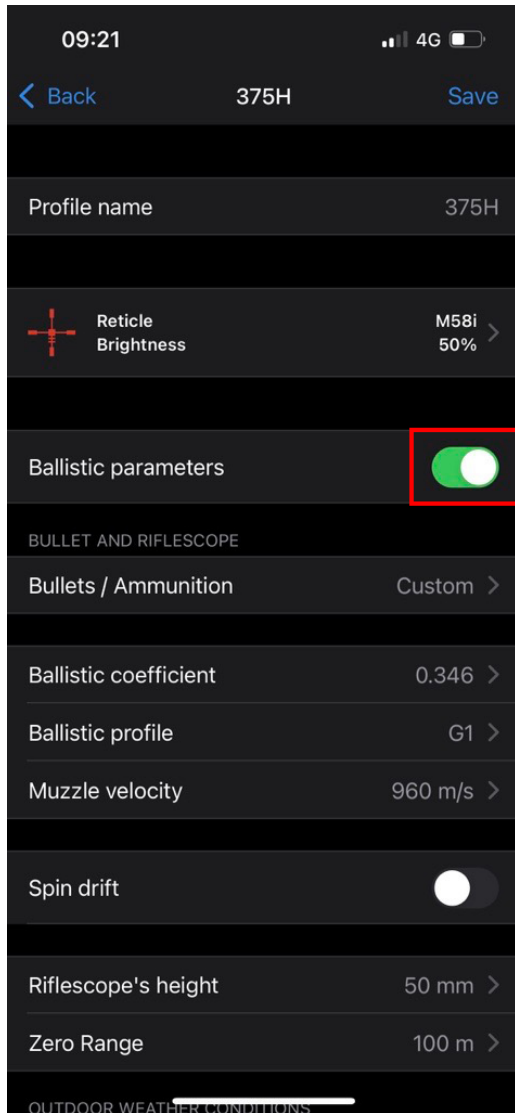


2. Click "Add Profile" to create a new profile, or select one of the existing profiles.
3. In the opened menu, you can configure the profile name, ammunition



type, riflescope height, zeroing distance, weather conditions, or delete the profile.

**4.** To use the profile for the built-in ballistic calculator in the riflescope, activate the "Ballistic parameters" switch.



**5.** To delete a profile, scroll down the screen and click "Delete Profile".

14:00

4G

< Back

B

BULLET AND RIFLESCOPE

Bullets / Ammunition

Custom >

Ballistic coefficient

0.346 >

Ballistic profile

G1 >

Muzzle velocity

980 m/s >

Spin drift

Riflescope's height

50 mm >

Zero Range

100 m >

OUTDOOR WEATHER CONDITIONS

Temperature

8 °C >

Air pressure

30.21 inHg >

Humidity

61 % >

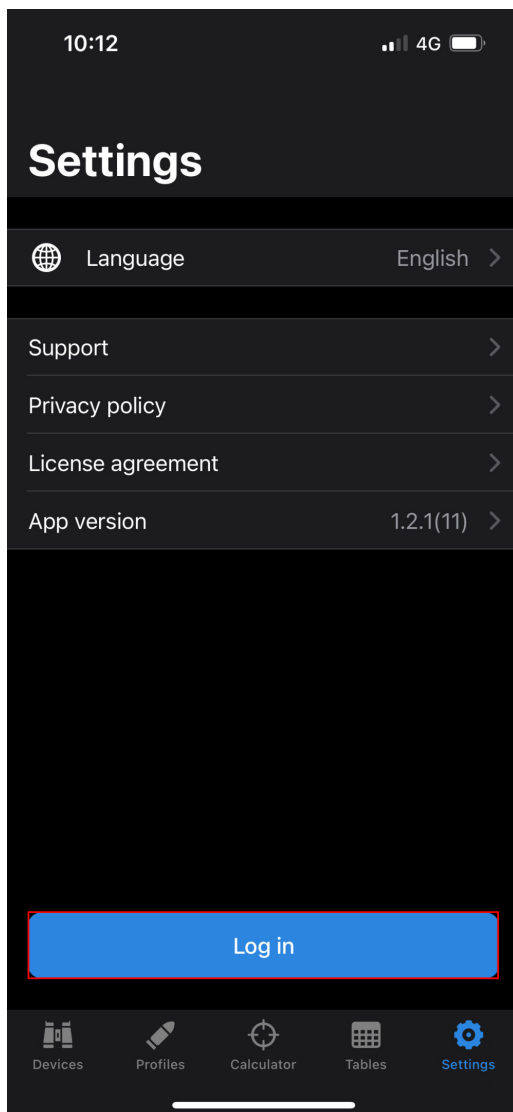
Enter outdoor parameters that match weather conditions at the moment of zeroing

Delete profile

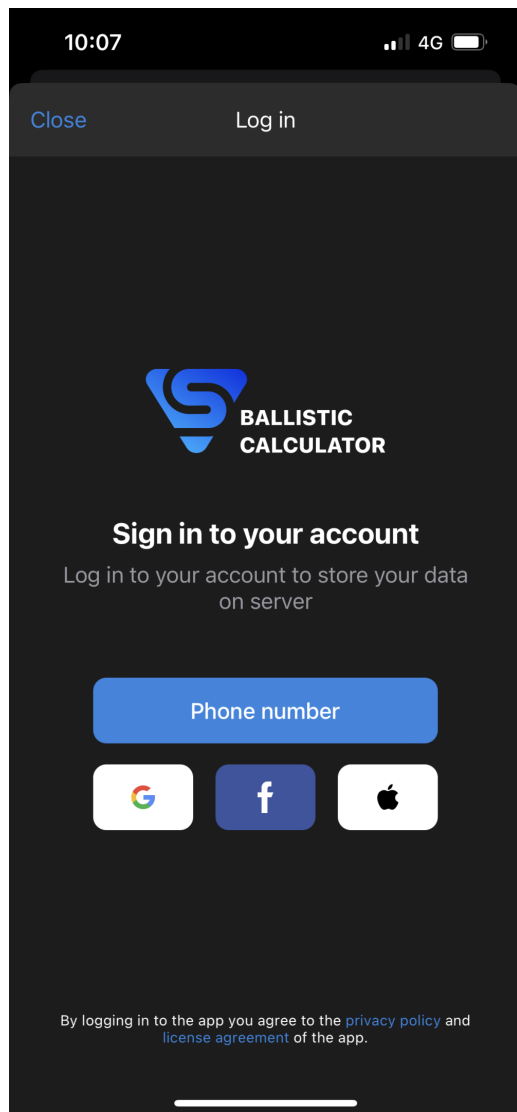
# Saving profiles in the cloud

To save your profiles to cloud storage:

1. Go to the "Settings" tab.
2. Click "Log In".



3. Register or log in to your cloud storage account.



**4.** The profiles tab will display the profiles from your cloud storage. All changes will be synced to the cloud.

10:00

4G

[Add profile](#)

## Profiles



**22rws**  
05.04.2023



**30.06**  
03.05.2023



**375H**  
03.05.2023



**93x62**  
03.05.2023



Devices



Profiles



Calculator



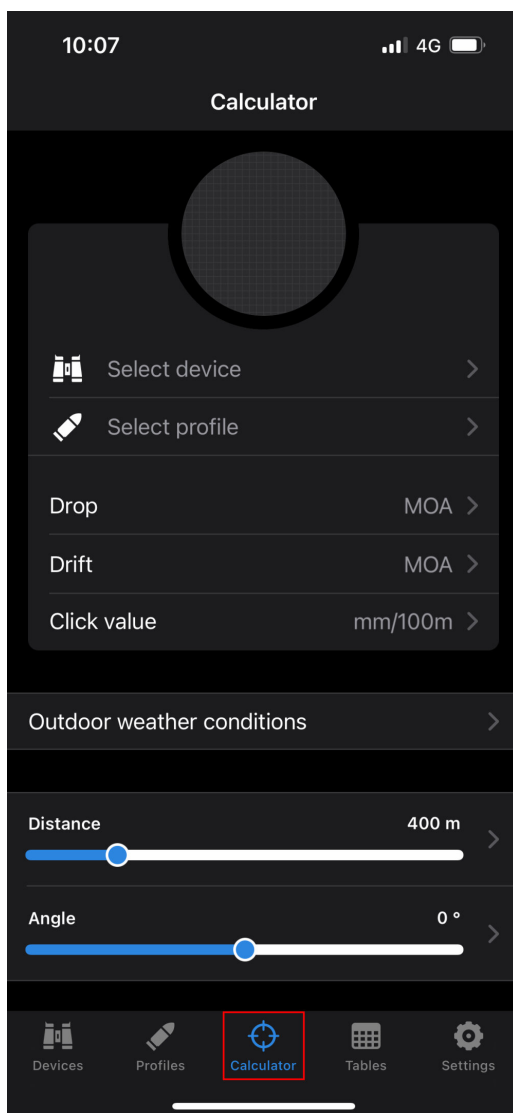
Tables





Settings

# How to use a ballistic calculator without connecting to a riflescope

1. Go to the "Calculator" tab.



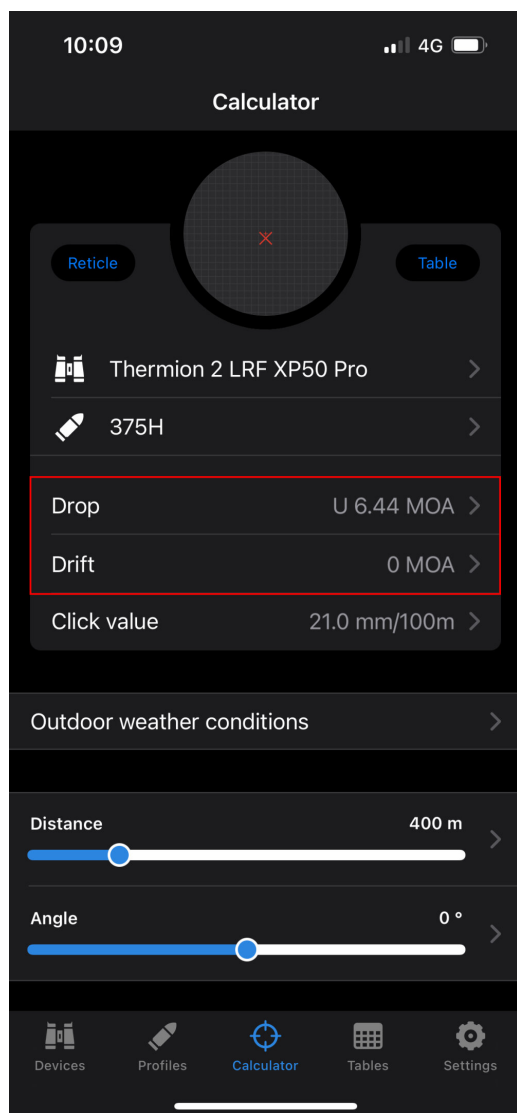
2. Select the desired Pulsar device in the field , or leave the field blank if you have another device.

3. Select one of your profiles in the field .
4. Adjust the parameters of weather conditions, distance and angle of fire.
5. The vertical correction will be displayed in the Drop field.
6. The horizontal correction will be displayed in the Drift field.

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**Aim Offset Symbols**

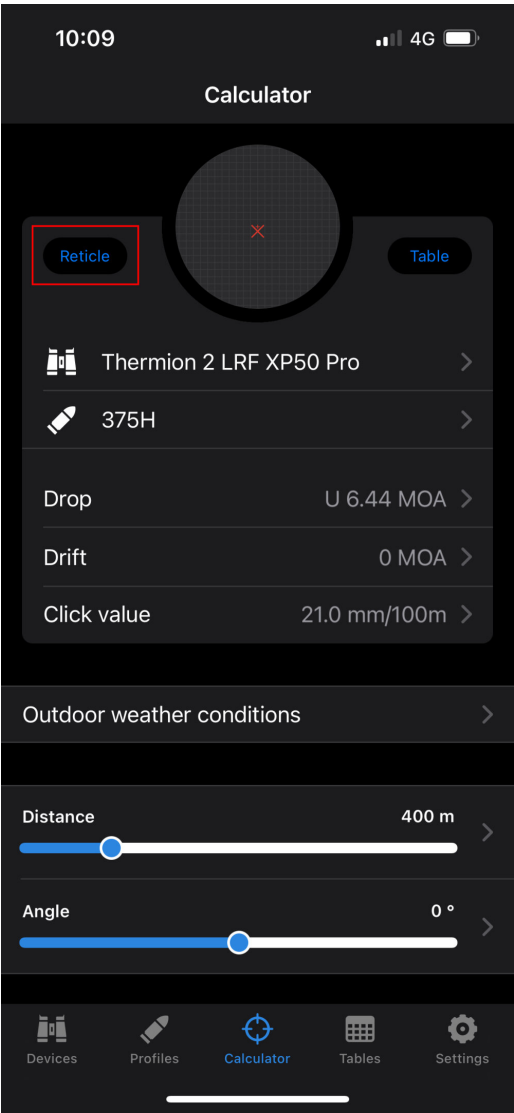
<b>U</b>	Up
<b>D</b>	Down
<b>R</b>	Right
<b>L</b>	Left

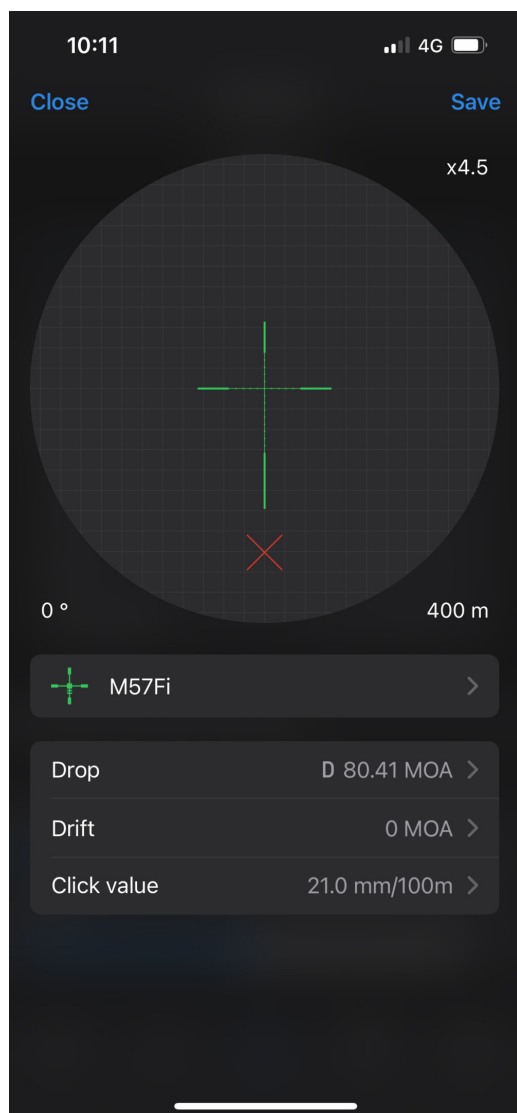


**7.** By clicking on the fields "Drop", "Drift" or "Click value", you can select the appropriate units for corrections.

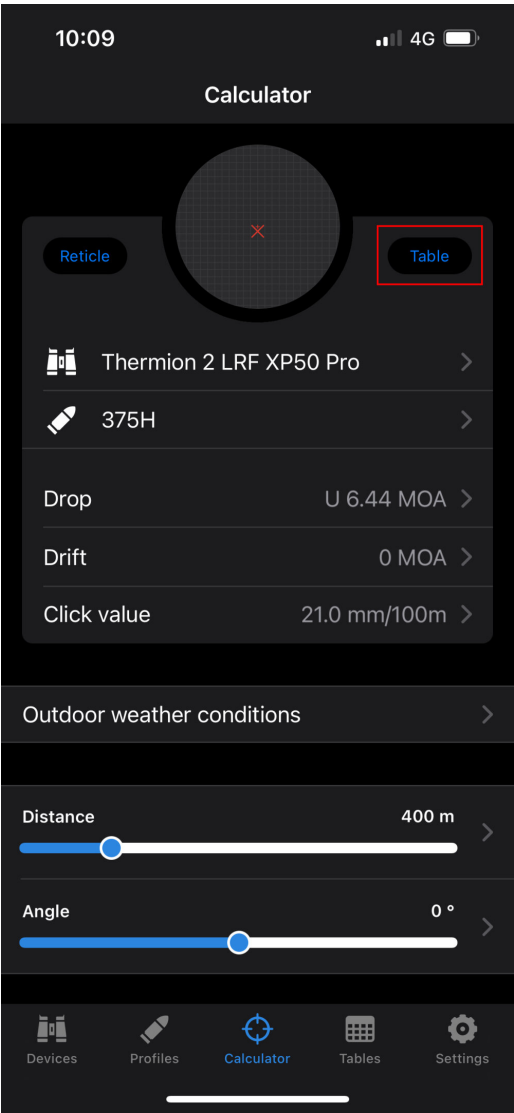
**8.** Tap "Reticle" to enlarge the window with the recommended aiming point.







9. Tap "Table" to calculate the amount of correction for different distances.



10:15

4G

Back

Table №1

✓

Name

Table №1

Profile

375H >

OPTIONAL

Device

select >

Outdoor weather conditions >

Distance

0 - 400 m

Steps

50

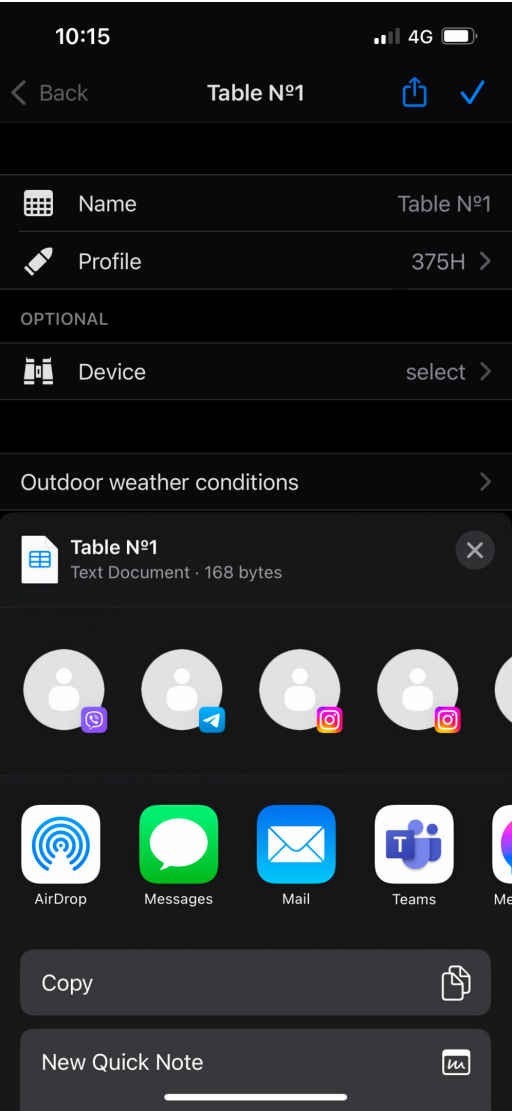
Angle

0 °

Distance, m	Elevation, MOA	Windage, MOA
0	0	0
50	U 0.74	0
100	0	0
150	U 0.48	0
200	U 1.32	0
250	U 0.37	0

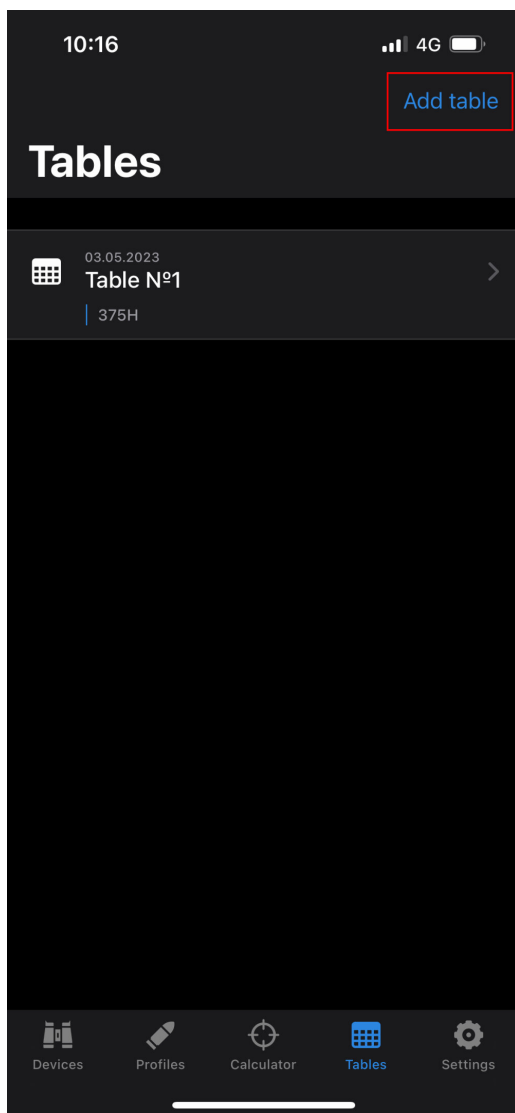
The resulting table can be saved in the application by tapping the button ✓


To share the table, tap the button  and select the desired application.



# How to create a ballistic table

1. In the "Tables" tab, tap "Add Table".



2. Select one of your profiles in the field .

10:15

4G

Back

Table №1

Name
 Table №1

Profile
 375H >

OPTIONAL

Device
 select >

Outdoor weather conditions >

Distance 0 - 400 m >

Steps 50 >

Angle 0 ° >

Distance, m	Elevation, MOA	Windage, MOA
0	0	0
50	U 0.74	0
100	0	0
150	U 0.48	0
200	U 1.32	0
250	U 0.37	0

3. Select the desired Pulsar device in the field, or leave the field blank if you have another device .

4. Adjust the parameters for weather conditions, distance and angle of fire.

5. Adjust the step of the ballistic table

6. Tap the headings of the Elevation and Windage fields to select the appropriate correction units.

7. Values in the table are recalculated automatically when parameters are changed.

#### Aim Offset Symbols

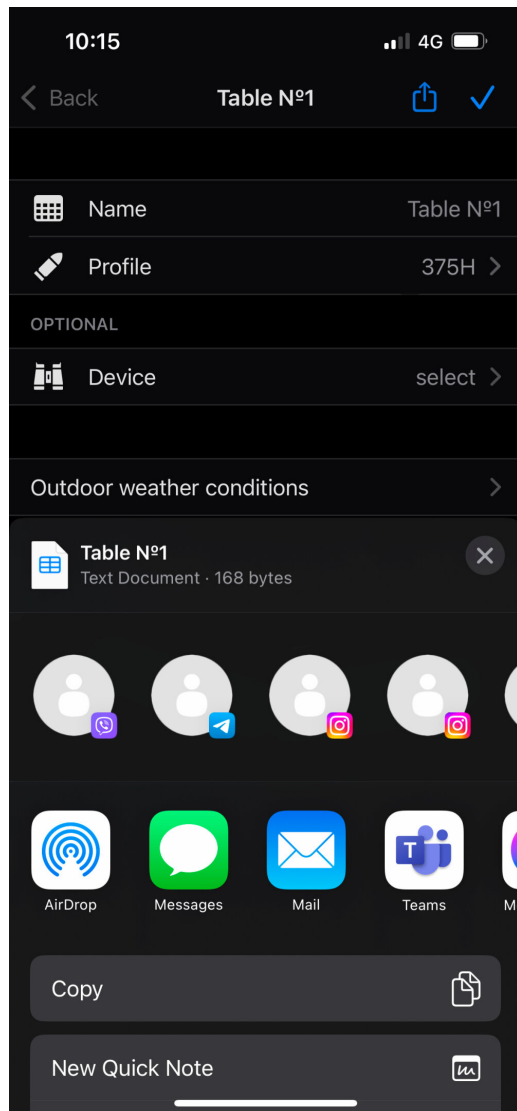
U

Up

<b>D</b>	Down
<b>R</b>	Right
<b>L</b>	Left

7. Save the table by clicking the button ✓.

8. To share the table, tap the button  and select the desired application.




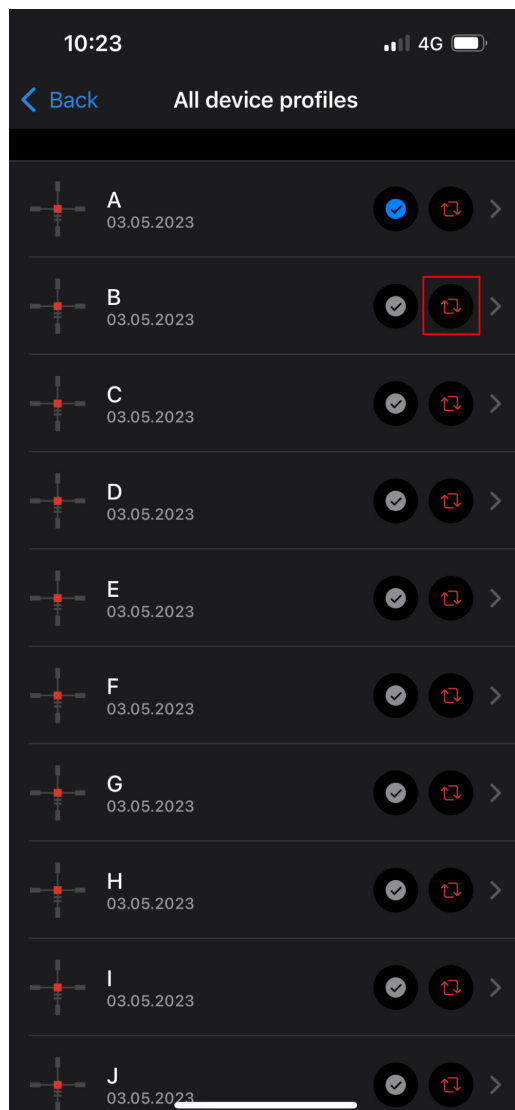


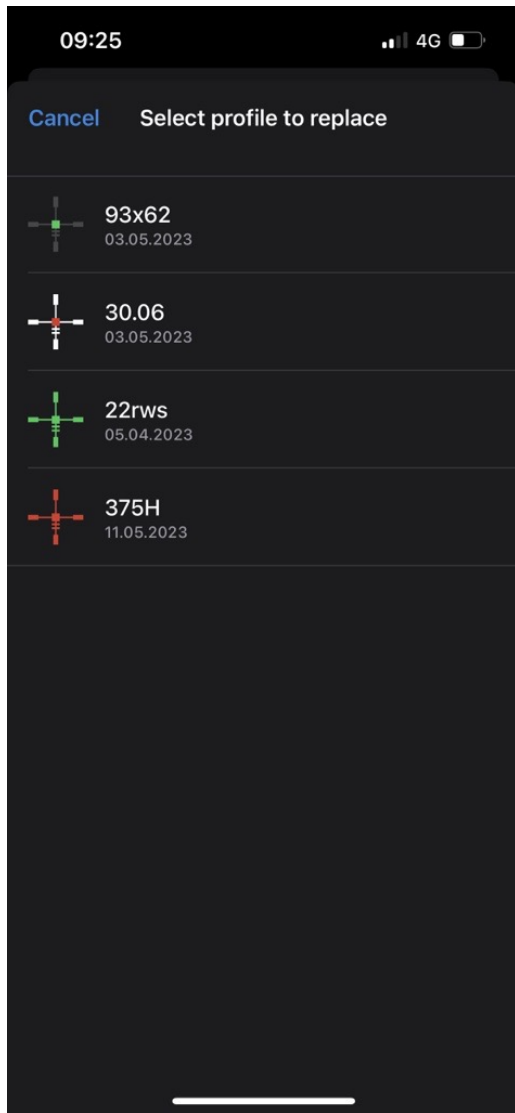
# How to share a profile with another user

1. **Create** a ballistic profile in the app.

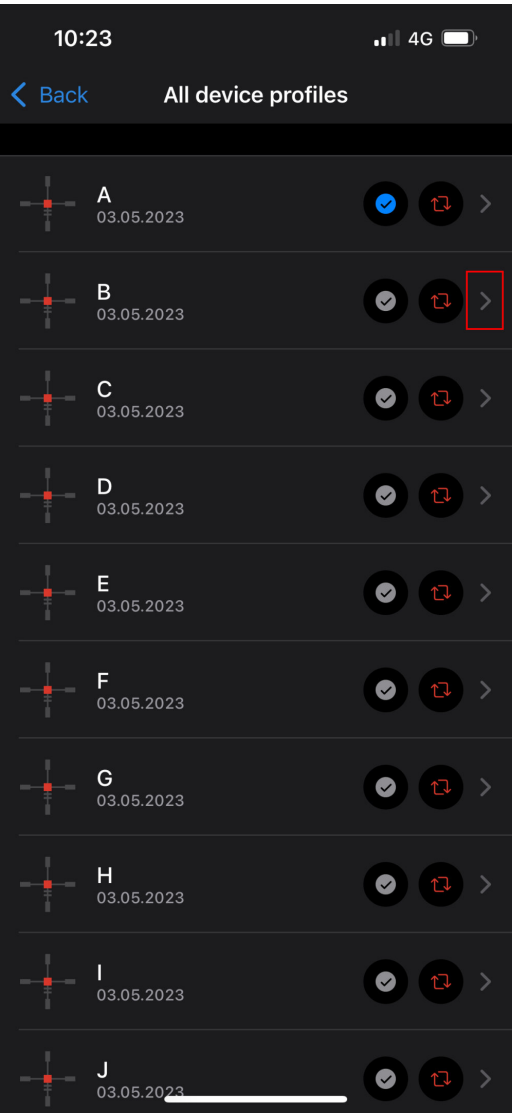
2. Load the profile into the riflescope.

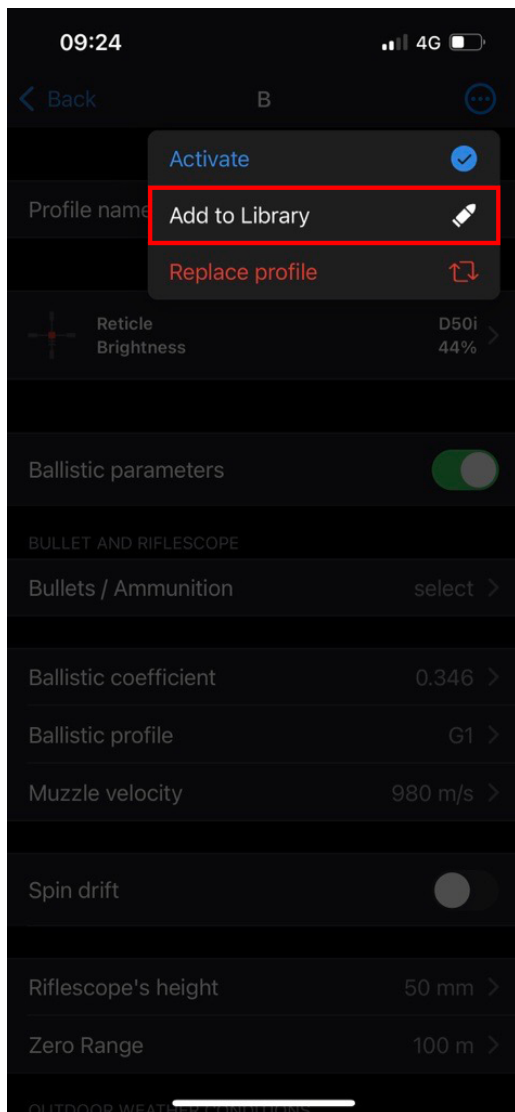
To do this, go to the "Devices" tab -> Select your riflescope -> "All device profiles" -> tap  next to the profile you want to replace and select the created profile from the list.





3. Check the accuracy of your profile settings with a test shot on the shooting range.
4. **Connect** the smartphone of another user of the Stream Vision Ballistics application to the riflescope.
5. Select a profile from the riflescope's memory and upload it to the application's profile database. If the database already has a profile with the same name, change the name of the profile.





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