

Stream Vision Ballistics for iOS

Manual

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Getting Started

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

- **1.** Install the Stream Vision Ballistics app from the AppStore.
- **2.** Go to the Profiles tab.

10:0	8			G 🔲,
Prof	files			
	You don't	t have any pr	rofiles yet	
		Add profile		
Devices	Profiles	Calculator	Tables	O Settings

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.

09:38		🖬 🛛 4G 🔲
< Back	В	Save
Profile name		В
Reticle Brightness		M58i 50%
Ballistic parameters		
BULLET AND RIFLESCOPE		
Bullets / Ammunition		Custom >
Ballistic coefficient		0.346 >
Ballistic profile		G1 >
Muzzle velocity		960 m/s >
Spin drift		
Riflescope's height		50 mm >
Zero Range		100 m >
OUTDOOR WEATHER CON	DITIONS	

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

14:00	••• 4G 💽
K 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 w conditions at the moment of zeroing	eather
Delete profile	

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 on 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 Ballistic Activation \square option is enabled in the riflescope's **Ballistics** \square 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 \times and correction values in the upper right corner.



12.To manually adjust the SPOA of the ballistic calculator, select the desired distance in the quick menu:

- Press the controller/**MENU** button briefly to enter the quick menu.
- Briefly press the controller/**MENU** button to select $\overrightarrow{\mathbf{B}}$.
- Rotate the controller ring to select the desired distance. The SPOA mark
 X will shift based on the selected distance.
- Press and hold the controller/**MENU** button to exit the menu or wait 10 seconds to exit automatically.



13. 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.

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

09:55		••• 4G	
〈 Back Ther	mion 2 LRF XP50	O Pro ϳ 💮	
All device pr	ofiles Se	et outdoor	
Active profile A			
Reticle M56Fi Brightness 90%			
Distance, m	Elevation, clicks	Windage, clicks	
100	0.0	0.0	
201	U 70.0	R 70.0	
301	U 91.0	R 92.0	
0	0.0	0.0	
0	0.0	0.0	
0	0.0	0.0	
0	0.0	0.0	
0	0.0	0.0	
0	0.0	0.0	

Notes: in the **Ballistics** section of the main menu, you can configure the following settings of the ballistic calculator:

- Screen position of the measured distance value
- Turn on/off the ballistic calculator
- Correction units
- Reticle type and color for suggested point of aiming.

How to connect to the device

- 1. Turn on the riflescope
- **2.** Turn on Bluetooth \clubsuit 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".



		Connec	t device		
Thern	nion 2 LRF	= XP50 P	ro		
Thern	nion 2 LRF	- XP50 P	ro		
	E	inter dev	vice code	e	
	Device of				
	Can	cel	Con	nect	
	Can	cel	Con	nect	
	Can 1		Con 2 c	nect) F
	Сап 1 4		Con Con		
C P	Can 1 4 7 ars		Con Con		S F No Yz
C P	Can 1 4 7 ors	Cel	Con		β F F P Y Z
C P	Can 1 4 ars		Con		3 6 0 9 Y z 3

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

10:20				4G 🔲,
			Ado	d device
Devic	es			
I all a construction of the second se	Thern s/n: 776	nion 2 LR 5047771	F XP50 Pr	° 🛞 >
Ĭ.Ĭ.		\Diamond		Ø
	Profiles	Calculator	Tables	

Setting up profiles in the riflescope memory using the application

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.

09:21		•∎∥ 4G 🔲
🗸 Back	375H	Save
Profile name		375H
Reticle Brightness		M58i 50%
Ballistic parameters		
BULLET AND RIFLESCOP	РЕ	
Bullets / Ammunitio	n	Custom >
Ballistic coefficient		0.346 >
Ballistic profile		G1 >
Muzzle velocity		960 m/s >
Spin drift		
Riflescope's height		50 mm >
Zero Range		100 m >
	NIDITIONS	

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

09:24		••• 4G
	Activate	S
Profile name	Add to Library	
	Replace profile	Û
		D50i 44%
Ballistic para	ameters	
Bullets / Am	munition	
Ballistic coe	fficient	
Ballistic prof	file	
Muzzle velo	city	
Spin drift		
Riflescope's	s height	
Zero Range		
	ATHER CONDITIONS	

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 onext to the desired profile.



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

Note: You cannot delete a profile in the device, but you can replace it from the application library.





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.

09:21		•• 🛛 4G 🔲
< Back	375H	Save
Profile name		375H
Reticle Brightness		M58i 50%
Ballistic parame	eters	
BULLET AND RIFLE	SCOPE	
Bullets / Ammur	nition	Custom >
Ballistic coeffici	ent	0.346 >
Ballistic profile		G1 >
Muzzle velocity		960 m/s >
Spin drift		
Riflescope's he	ight	50 mm >
Zero Range		100 m >
OUTDOOR WEATH	R CONDITIONS	

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

14:00		📲 4G 🔳	
🕻 Back	В		
BULLET AND RIFLESCOPE			
Bullets / Ammunition		Custom	
Ballistic coefficient		0.346	
Ballistic profile		G1	
Muzzle velocity		980 m/s	
Spin drift		\bullet	
Riflescope's height		50 mm	
Zero Range		100 m	
OUTDOOR WEATHER CONE	DITIONS		
Temperature		8 °C	
Air pressure		30.21 inHg	
Humidity		61 %	
Enter outdoor parameters	that match w of zeroing	eather	

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.



How to use a ballistic calculator without connecting to a riflescope

1. Go to the "Calculator" tab.

10:07		4G 🔲
	Calculator	
Ĭ	Select device	
	Select profile	
Drop		MOA >
Drift		MOA >
Click	value	mm/100m >
Outdoo	r weather conditions	
Distance	•	400 m
Angle		0° >
<u> </u>		
Devices	Profiles Calculator	Tables Settings

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

- **3.** Select one of your profiles in the field \checkmark .
- **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.

Aim Offset Symbols

U	Up
D	Down
R	Right
L	Left

10:09	, 1 4G (Ĵ
	Calculator	
Thern	nion 2 LRF XP50 Pro	
💉 375Н		
Drop	U 6.44 MOA	
Drift	0 MOA	
Click value	21.0 mm/100m	
Outdoor weat	her conditions	
Distance	400 n	
Angle	0	>
Devices Profi	les Calculator Tables So	O ettings

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.



10:11	. ∎∥ 4G 🔲
Close	Save
0.°	x4.5
M57Fi	
Drop	D 80.41 MOA >
Drift	0 MOA >
Click value	21.0 mm/100m >

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



10:15		•11 4G 🔲
🕻 Back	Table №1	₾ ✓
IIII Name		Table №1
💉 Profile		375H >
OPTIONAL		
Device		select >
Outdoor weather conditions		
Distance		0 - 400 m
Steps		50 >
Angle		°
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 2.07	0

.

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

To share the table, tap the button lacest 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		.11 4G 🔲
< Back	Table №1	₾ ✓
Name		Table №1
💉 Profile		375H >
OPTIONAL		
Device		select >
Outdoor weather conditions		
Distance		0 - 400 m
Steps		50 >
Angle	0	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 2.27	• 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

D	Down
R	Right
L	Left

- 7. Save the table by clicking the button \checkmark .
- **8.** To share the table, tap the button \bigcirc 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 onext to the profile you want to replace and select the created profile from the list.

10:23		••• 4G 🔲
🕻 Back	All device profiles	
A 03	3.05.2023	2
B 03	3.05.2023	
C 03	3.05.2023	0 D >
D 03	3.05.2023	
E OS	9.05.2023	
F 03	8.05.2023	0 D >
- G 03	8.05.2023	0 D >
H O3	3.05.2023	0 t >
	3.05.2023	• • >
J 03	3.05.2023	



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.



09:24		••• 4G
	Activate	0
Profile name	Add to Library	
	Replace profile	17
		D50i 44%
Ballistic para	ameters	
Bullets / Am	munition	
Ballistic coe	fficient	
Ballistic prof		
Muzzle velo	city	
Spin drift		
Riflescope's	height	
Zero Range		

Legal Compliances and Disclaimers

The manufacturer reserves the right to make changes to the device software and mobile application at any time, without mandatory prior notice to the Customer (subject to the applicable laws and regulations, if any).

Limitation of Liability.Subject to mandatory applicable laws and regulations: manufacturer will not be liable for any claims, actions, suits, proceedings, costs, expenses, damages or liabilities (if any), arising out of the use of this product. Operation and use of the product are the sole responsibility of the Customer. Manufacturer's sole undertaking is limited to providing the product(s) and related services in accordance with the terms and conditions of concluded transactions, including provisions established in warranty. The provision of products sold and services performed by Manufacturer to the Customer shall not be interpreted, construed, or regarded, either expressly or implied, as being for the benefit of or creating any obligation toward any third party (other than Distributor, Dealer, Buyer). Manufacturer's liability hereunder for damages, regardless of the form or action, shall not exceed the fees or other charges paid to Manufacturer for the product(s).

MANUFACTURER WILL NOT BE LIABLE FOR LOST REVENUES OR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, OR PUNITIVE DAMAGES, EVEN IF THE MANUFACTURER KNEW OR SHOULD HAVE KNOWN THAT SUCH DAMAGES WERE POSSIBLE AND EVEN IF DIRECT DAMAGES DO NOT SATISFY A REMEDY.