

**SENTRY 2 BT**

# User Manual V1.0

Wireless Electronic Training Target



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## Product Overview

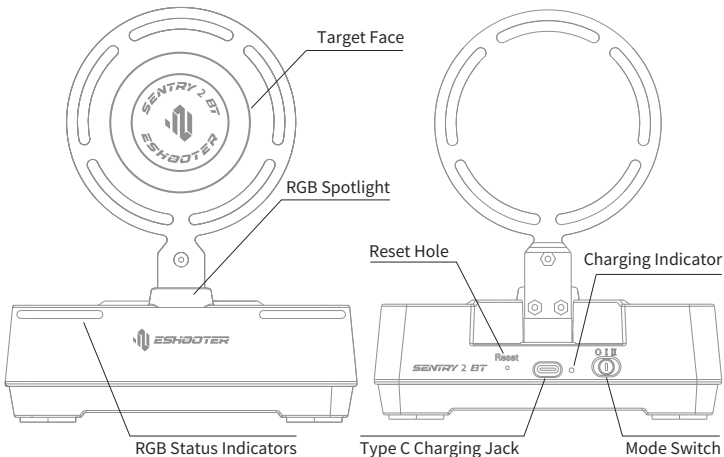
Dear customers,

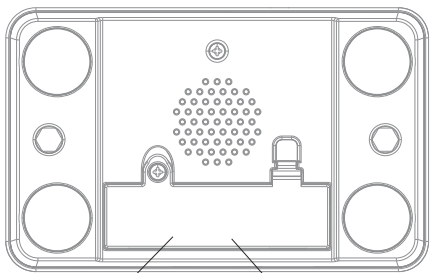
Thanks for purchasing our electronic training target. In order to help you know how to use it better, please kindly read this manual before using and remember to keep it well.

This package mainly includes : 1 training target and 1 type C charging cable. Once the surface of metal training target was received vibration, the signal was generated to order the target fall down to finish a whole shooting action.

They are mainly used for dry fire training and other shooting scenarios, which could improve your shooting accuracy, reaction speed and at the same time make your shooting more safer, convenient and interesting.

### Electronic training target Illustration:



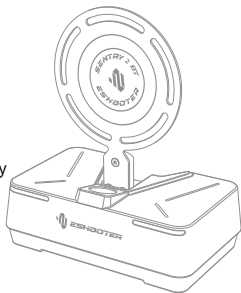


Battery Compartment

3.7 V Button Top 18650 Lithium Battery

## Product Specification

Product Model	V505
Size	146 x 91 x 172 mm (L/W/H)
Weight	380 g
Case Material	PA6 + Aluminium
Temperature Range	- 10°C ~ 60°C
Battery Type	3.7 V Button Top 18650 Lithium Battery
Rated Input	5V $\equiv$ 1A
Standby Current	<40 mA
Working Current	<400mA
User Age	14 +



Please take out the battery and remove the insulating shim when you use it for the first time.



## App Download

Please download and install “ESHOOTER”App from App Store (iOS) and Google Play (Android). or scan the QR code to download



## Product Introduction

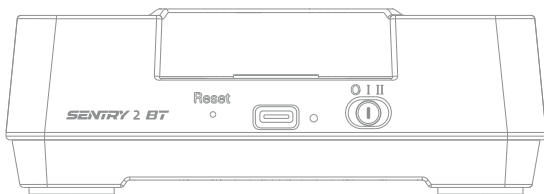
### 1.Mode Option

1.1 “ I ”is day mode.

1.2 “ II ”is night mode .

1.3 “O” is shutdown mode.

1.4 If red indicator is blinking , which means a low battery warning of the target , please charge as soon as possible.

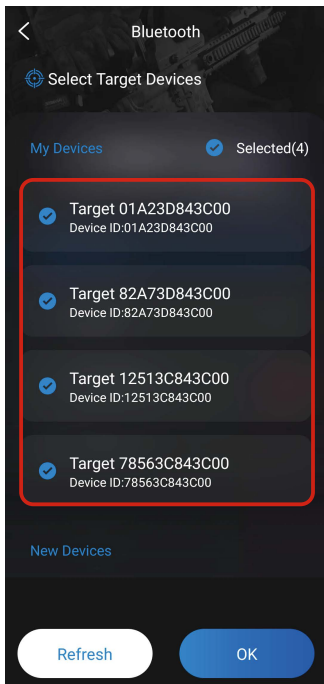
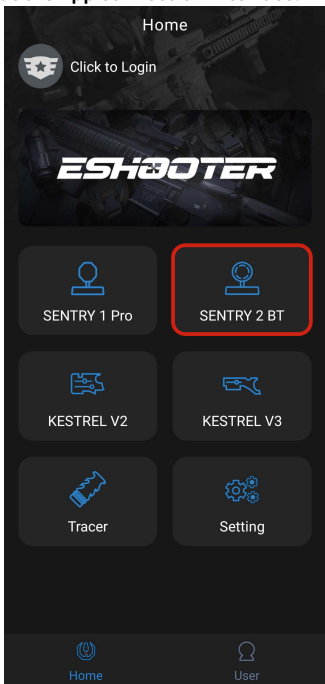


## 2. Device Connection

Notes :

1. Before connecting device, please make sure Bluetooth and position of your phone are turned on.
2. The target supports mobile phone with Android 5.0 and above or iOS13.0 and above systems. The Bluetooth version is 4.0.
3. The App can connect targets up to 32 units.

### 2.1 Search the target which has been turned on and click to connection at the App connection interface.



### 3.Training Mode

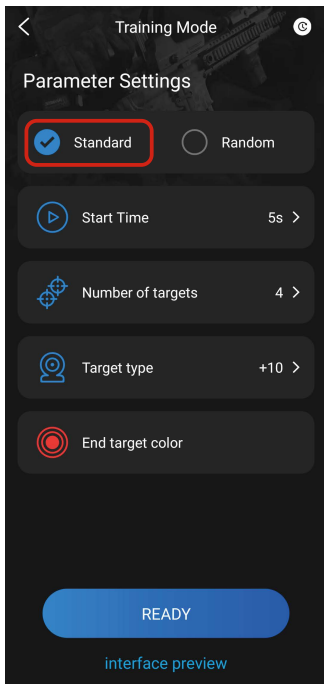
Training Mode includes “Standard”and “Random”.

3.1 Standard Mode: Select “Standard” at the “Training Mode” and set game parameters. Then click “Ready”to shoot. Shooting can start automatically once countdown is over.

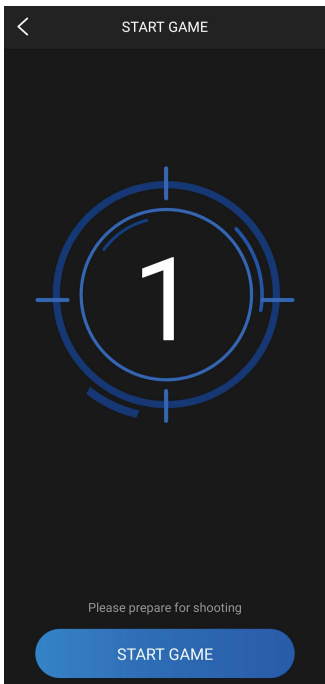
Notes: the target with red indicators is stop target, game will over once it is shoot down, the total score will be displayed at the App.



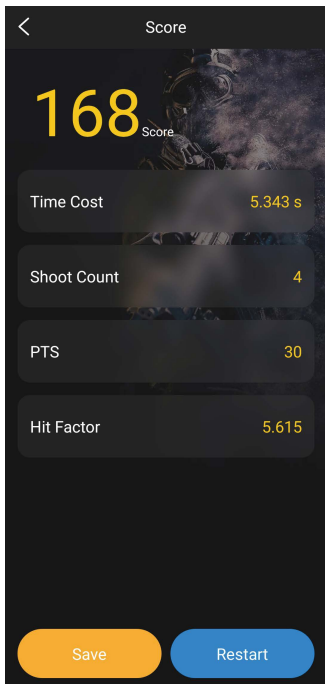
Training Mode



Standard



Countdown



Score Record

3.2 Random Mode: Select “Random” at the “Training Mode” and set game parameters. Then click “Ready” to shoot. Shooting can start automatically once countdown is over.

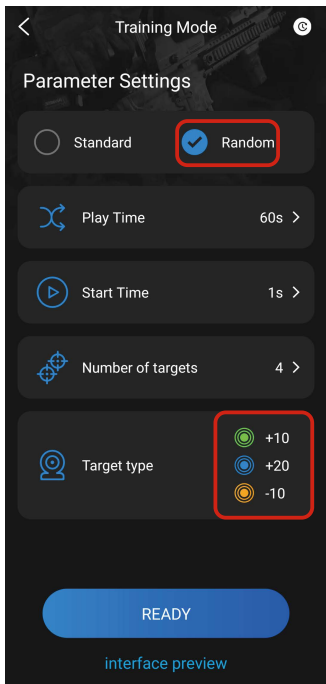
Note: The calculation rule of total score please refer IPSC.

1.Blue Light: +20 scores/shoot.

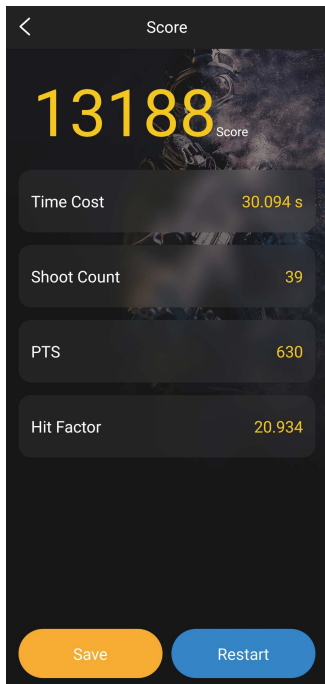
2.Green Light: +10 scores/shoot.

3.Orange Light: -10 scores if shooting down.

4.When the shooting time is up, App will display total score.



Random&RGB Indicator Type

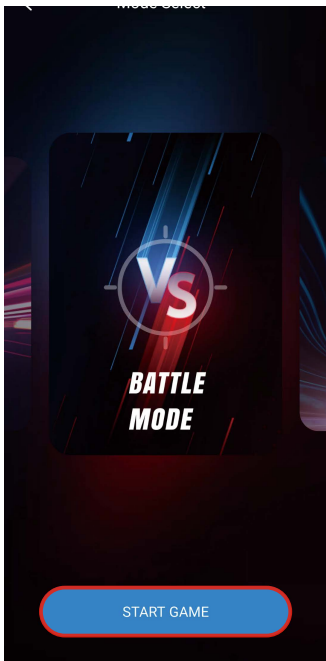


Score Record

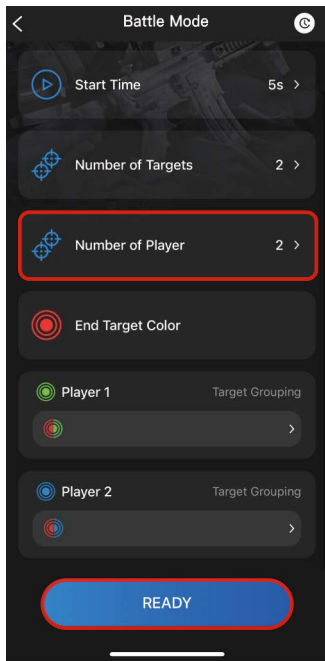
## 4. Battle Mode

Battle mode requires the number of connected targets from 2 to 32. And support the number of player groups from 2 to 5.

Select "Battle Mode" (swipe screen to left) on the mode selection page, then set game parameters (depend on the number of your targets and players).



Battle Mode



Numbers of players

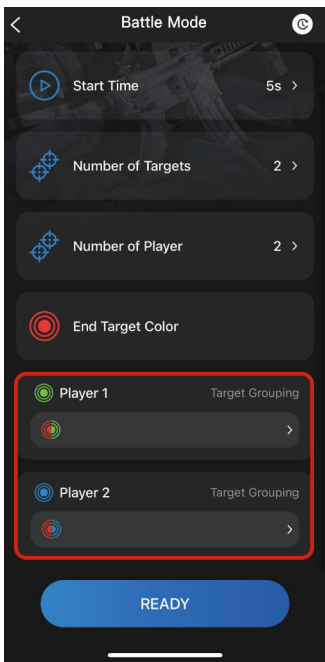
### Notes :

1. Once the player shoots stop target (red indicator of target), the game will be over.
2. Different player groups will be recognized with different colors (green, blue, orange, purple, cyan).
3. The score of each group will be displayed on the App when the game is finished.

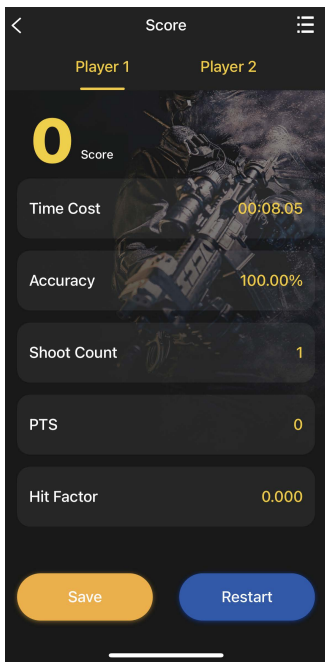
Setting player groups and group color on the App, red indicator of target means stop target.

Player need shoot the same colored laser target with its team color to win the score; If player shoots stop target, the battle is finished.

Each player's score can be displayed on the App when the game is finished.



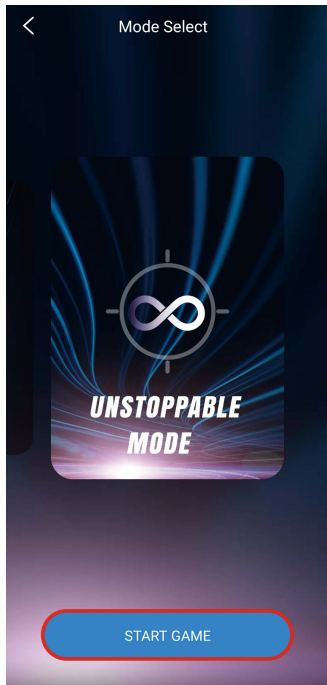
Target Grouping



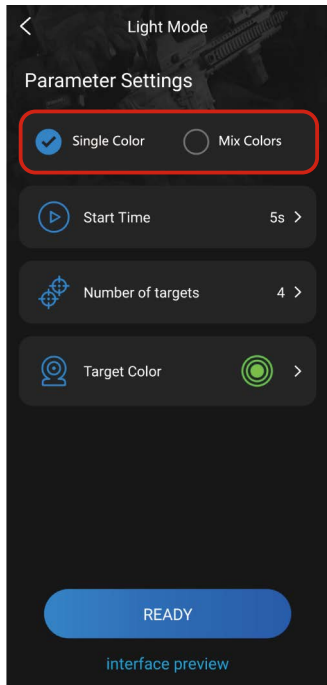
Score Record

## 5.Unstoppable Mode

On the mode selection page, select 'UNSTOPPABLE MODE' to enter the game parameter setting (customize the RGB color of the target for single color or mix color).



Unstoppable Mode



Color selection



## RGB Indicator Definition



Blue Light On: Can shoot, each down for 20 scores.

Blue Light Blink: Waiting for the App to connect.



Red Light On: The last shot sign, the game ends after the shoot down.

Red Light Blink: Low battery warning.



Green Light On: Can shoot, each down for 10 scores.



Orange Light On: If shoot down, deduct 10 scores.

## Product Notification

### Sleep Mode

Target will go to sleep mode if it doesn't use more than 15 mins, switch mode button again to restart.

### Battery Charging

The type C charging jack supports DC 5v power supply, please use standard charging plug. The RGB indicator of target is red when it is charging. Once battery is fully charged, RGB indicator is off.

### Low Battery Warning

When battery power of target is lower than 20%, RGB indicator is red light blink. please charge the battery as soon as possible.

### Wireless Signal

When using **SENTRY 2 BT** to connect to your phone, please turn off the connection of other devices; to avoid interference with the wireless signal.

## Common Malfunction

If the target doesn't work for some reasons, please check it as the following steps.

Malfunction 1: The target with no response after turning on.

Solution:

1. Check the positive and negative terminals of the battery are correct or not.
2. Replace the battery and restart the target.

Malfunction 2: RGB indicator is red light blink.

Solution:

1. When target rod is up right, push it to a position of 45° and restart the target.
2. Replace to the fully charged battery.

## Battery Usage Precautions

- Do not use batteries which we don't recommend.
- Do not short-circuit the battery.
- Do not throw battery into fire, it may cause explode.
- Please dispose or recycle battery properly.

## This device complies with part 15 of the FCC Rules

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

## Declaration of Toxic and Hazardous Substances

Parts	Toxic and Hazardous Substances or Elements					
	Plumbum (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr6+)	Poly- brominated biphenyls (PBB)	Poly- brominated diphenyl ethers (PBDE)
Plastic	○	○	○	○	○	○
Metal	✕	○	○	○	○	○
PCB	✕	○	○	○	○	○
Other	✕	○	○	○	○	○

○ Indicates that the content of the toxic and harmful substances in all homogeneous materials of the part is less than the requirement in SJ/T-11363-2006 《Limit requirements for toxic and harmful substances in electronic products》.

✕ Indicates that the content of the toxic or hazardous substance is at least in one homogeneous material of the part exceeds the limit requirement by SJ/T11363-2006.

This product complies with RoHS environmental protection requirements: At present, there is no mature technology in the world that can replace or reduce the lead content in electronic ceramics and copper alloys.

**RoHS**



**FC** FCC ID  
2A9XN-V501



## Warranty Card

Name : \_\_\_\_\_

Phone Number : \_\_\_\_\_

Email : \_\_\_\_\_

Address : \_\_\_\_\_

Item Model : **SENTRY 2 BT** \_\_\_\_\_

Inspector : \_\_\_\_\_

Date of Production : \_\_\_\_\_

## After Sale Policy

**Please keep this warranty card, purchase receipt and product packaging properly. Please present them when after sales service is requested.**

1. SENTRY 1 BT has 6 months warranty service since the date of purchase.
2. If there is any quality issued found under the normal operation (not man-made damaged) while the product has not been disassembled by unauthorised technicians, the product is free for replacement in the first 30 days from the date of purchase.
3. During the warranty period, if there is a quality defected be found in the normal operation, free repair service is provided after the production is inspected and verified by the authorised technicians. Warranty service does not include the transportation cost and door to door service.
4. Warranty is void under the below circumstances, free repair service is no longer provided if,
  - 4.1 User does not follow the instruction menu, mis-installation, storage and use which lead to the product failure or damage.
  - 4.2 Any damage caused by force majeure reasons.
  - 4.3 Product failure or damage caused by the disassemble or modification by the unauthorised technicians.
  - 4.4 Warranty card or purchase receipt is not provided.
  - 4.5 Warranty period is expired.
5. Warranty service would be refused to provide if there original warranty card is not presented, the repair record is not consistent with the fact, any alteration or unrecognised description on the warranty card.

## More



[www.eshooter-world.com](http://www.eshooter-world.com)




Watch the Video





**ESHOOTER**


**SENTRY 2 BT**

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