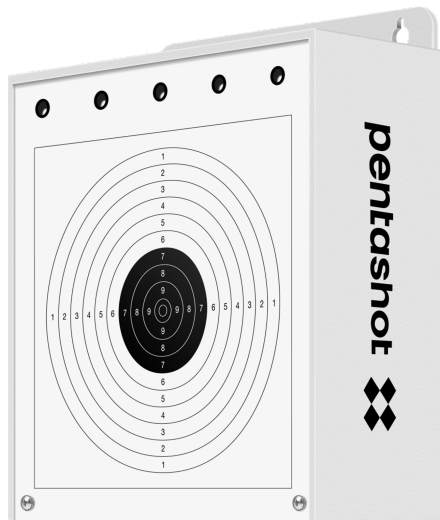


**pentashot** 

# S-Box Connecttarget

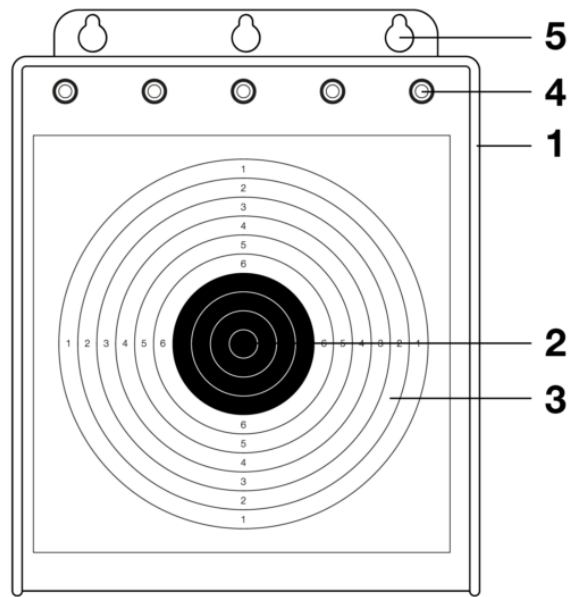


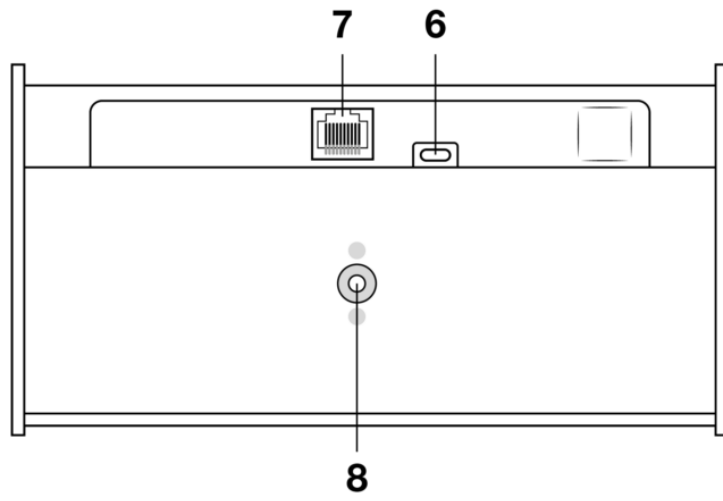
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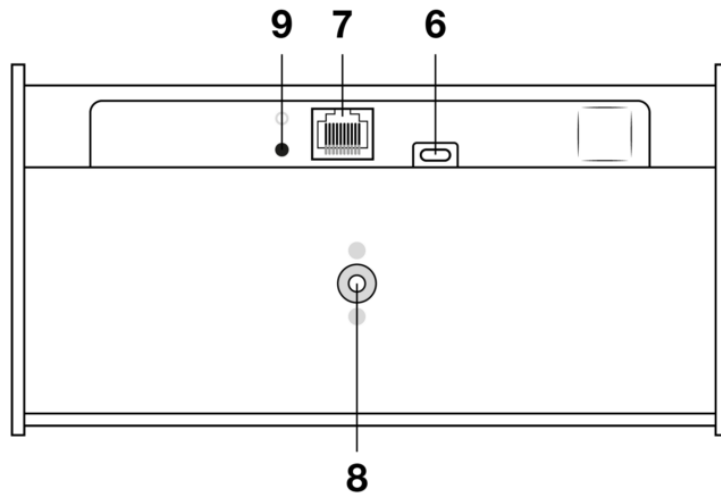
# Safety warnings and important information

- ◆ Read the instructions for use before first use
- ◆ Use ONLY approved power supplies or risk destroying the target
- ◆ No tampering with the structure of the device, no opening by unauthorized persons - possible destruction of the target
- ◆ Caution when handling and mounting the target - if the target falls due to wind or improper mounting, there is a possibility of destroying the target.
- ◆ Protection of the target power supply against weather conditions, especially rain and high temperatures
- ◆ Do not use a damaged target power supply - possibility of electric shock
- ◆ Keep the target and the target power supply out of reach of children
- ◆ Store in a dry place with a minimum temperature of 5 °C.
- ◆ In the event of a malfunction, contact the manufacturer or its authorised representative/dealer.
- ◆ Only PENTASHOT external lights can be used with this target.
- ◆ The laser target is an optoelectronic device, its disassembly is prohibited !!!
- ◆ When using the target in a room with artificial lighting, the correct function of the target may be disturbed if the light source operates at 40 kHz.
- ◆ Laser emitters with inferior optics may cause incorrect evaluation of the shooting results when shooting from a distance of less than 5 metres and at low light levels.

## Description







- 1 – Target
- 2 – HIT zone
- 3 – Missing target zone
- 4 – Built-in signal lights
- 5 – Hanging holes
- 6 – USB-C connector for mains power or power bank
- 7 – UTP connector for external signal lights
- 8 – Tripod mount
- 9 – Power button ( **for targets from 2023 and serial number SBC 0305** )

## Purpose

The S-Box Connect target is for instruction, training and competition specifically for sport laser shooting. The target precisely evaluates contact of the laser beam on the

target surface. A shot to the hit zone (2) is signalled when a green built-in signal LED lights up (4). A shot to the miss zone (3) is signalled when a red built-in signal LED lights up. The shooting time is set according to the mode used. The target is powered by the electrical grid or a power bank



(CAUTION: USE ONLY A POWER BANK WITH THE PARAMETERS LISTED IN THIS MANUAL! ANY OTHER MAY DESTROY THE TARGET!).

## Preparing the electronic target for use

The target can be mounted on a tripod using the bracket on the bottom of the target /8/ or on a wall (or other vertical surface) using the integrated hanging system /5/. The target can also be placed on a horizontal surface.

The mounting of the target must be firm and stable, especially in windy weather. If the target falls to the ground, it may be damaged.

## Power supply

The target is powered from the mains using the power supply supplied with the target or from a power bank with the following specifications:

- ◆ maximum output voltage of 5 V
- ◆ a minimum power bank output current of 2.4 A (ideally with a USB-C output that has a 3A output)
- ◆ the total capacity of the power bank should not be less than 10000 mAh power on

## Turn on

### For targets up to serial number SBC 0304:

Plug the target's power cable into the USB-C /6/ connector on the target. Then plug the power supply into a power outlet. The built-in LEDs /4/ on the target will start flashing. After approximately 40-50 seconds, the LEDs will turn off and the target is ready to connect to your device - smartphone or tablet. Your device must be equipped



with Android or iOS and have Bluetooth enabled. When the app is turned on, the target number will be displayed, which is the same as the serial number on the back of the target. Click on the target number to display the main menu of the app. In it, you can choose from three different modes for shooting, settings, and results.

### **For targets from serial number SBC 0305 and above:**

Press the on/off button /9/. The built-in LEDs /4/ on the target start flashing. After approximately 40-50 seconds, the LEDs will turn off and the target is ready to connect to your device - smartphone or tablet. Your device must be running Android or iOS and have Bluetooth enabled. When the app is turned on, the target number will be displayed, which is the same as the serial number on the back of the target. Click on the target number to display the main menu of the app. In it, you can choose from three different modes for shooting, settings, and results.

## **Turn off**

The target is turned off in the SETUP application by pressing the OFF button. Shutdown is announced by the gradual extinguishing of the signal lights and an audible signal. Physically, the target is turned off by removing the power cable from the USB-C connector on the target.

## **Update function**

App updates appear in Google Play (Android) and the AppStore (Apple iOS).

Only the manufacturer or its authorized person has access to the electronic target software.

## **Technical data**

Dimensions 19 cm width, 24.5 cm height and 10 cm depth

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Size of hit zone  $\varnothing$  59,5mm

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|                              |   |
|------------------------------|---|
| Size of the MISS zone        | 175 mm x 175 mm   |
| Weight                       | 950 grams (target only)   |
| Shooting distance            | 5 to 10 metres  |
| Shooting time                | 50 in competition mode. In individual mode, the shooting time can be adjusted. In training mode, time is not limited. |
| Power supply                 | DC 5.1V 3A (only with included adapter), power bank (according to specifications in manual)                           |
| Accepted laser signal        | UIPM 15.6 ms laser signal   |
| Solar resistance             | 80 000 LUX  |
| External signal lights       | NAVISTREET and PENTASHOT  |
| Operating temperature        | +10°C to +50°C  |
| Case protection class        | IP52  |
| Update function              | App in Google Play or AppStore  |
| Compatible operating systems | Android, iOS  |
| Integrated internal lights   | YES   |
| Tripod fitting               | YES   |
| Integrated hanging system    | YES   |
| Automatic target shut-off    | Yes (40 minutes after the last shot)  |

## **THE USER CAN PERFORM THE FOLLOWING MAINTENANCE AND SETTINGS:**

- ◆ none

It is forbidden to open or modify the electronic target, except to change the battery. Only the manufacturer or an authorized person may change the software parameters. The owner of the target must agree to the change in writing. The manufacturer will not accept any response.

## **Warranty**

The warranty covers only defects in material and workmanship that can be proven to have been caused to appear during the warranty period. Such defects can only be repaired by the manufacturer or an authorized service representative. The purchaser may file warranty claims with the manufacturer or an authorized service representative, depending on the circumstances.

The warranty period begins on the date of purchase or delivery to the purchaser and remains in effect for a period of 24 months.

The following cases are expressly excluded from warranty repair:

- ◆ The product has not been presented to the dealer or manufacturer with proof of purchase.
- ◆ Wear and tear due to use of the product or damage to the product (including damage caused by unqualified installation, improper shipping, failure to follow procedures specified in the owner's manual, or damage to the product caused by improper installation, improper instructions for use, etc.).
- ◆ Damage to the product due to contamination, accidental or catastrophic events or due to natural or external events such as storm, fire, water, excessive heat or cold, liquid intrusion, etc.
- ◆ Physical damage to the product (caused by falling, breakage, etc.) or damage caused during use of the product in transit.
- ◆ Damage, unauthorised design changes, improper modification of the product or

- ◆ other interference with the product, interference with the product by unauthorised persons or service centres.

## Storage

It is very important that the electronic target is stored under the correct conditions to keep it reliable and in good condition. Always observe the following instructions:

- ◆ Always remove the batteries before storing the target for an extended period of time. This will prevent damage to the battery compartment on the target should the batteries leak.
- ◆ Store the simulator in its original packaging (case) in a dry and dark place out of the reach of children.
- ◆ Do not place any heavy objects or objects that may leak liquids on the case. Protect the target from the weather, including frost and moisture. Optimal storage temperature is +5 °C to 30 °C. The humidity in the storage area must not exceed 60%. Do not store the simulator in a humid environment where there is a high risk of corrosion.

## Replaceable parts

The following spare parts are available for the targets:

- ◆ faceplate
- ◆ LED lights
- ◆ PCB
- ◆ target box

Spare parts can be ordered by e-mail at [sales@pentashot.com](mailto:sales@pentashot.com) or from PENTASHOT partners and dealers. A list of these can be found at [www.pentashot.com](http://www.pentashot.com) .

Replacement of major parts may only be carried out by the manufacturer or an authorised person.

## Disposal



At the end of the electronic target's service life, it cannot be discarded with other equipment. Take it to a collection yard or have it disposed of by a specialist company authorised for this purpose.



Used batteries must not be disposed of in normal household waste. Take all used batteries to specialist collection points.