

HIT & MISS TARGET

OPERATING INSTRUCTIONS

1. Caution and important information

- Read this Operating Instruction carefully prior to use.
- Use the device in accordance with the Operating instruction.
- The target should be positioned away from direct sunlight (UIPM rules, B.5.15.i)
- Use the PENTASHOT external lighting only with this target.
- The laser target is an optoelectronic device. Do not try to disassemble the unit!!!

2. Description



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1. HIT&MISS Target
2. HIT zone
3. MISS zone
&data

4. LED diodes
5. Battery space
6. Power switch

7. Hanging holes
8. Connector for lamps

3. Intended use

The Hit&Miss target is designed for use within the instructional courses, trainings or competitions, particularly in combined event in modern pentathlon. The target can assess the impact points pertaining to hit or miss zone. The hit zone impact is indicated by the green LED illuminated (4). The miss zone impact is indicated by the red LED illuminated (4). Shooting time allowed is 50 seconds after the first shot. The leftmost LED starts to flash slowly after the elapsed time of 40 seconds, then starts to flash quickly after the elapsed time of 45 seconds. All LEDs start to flash for 5 seconds after the elapsed time of 50 seconds. Also, all LEDs start to flash when 5 impact points are detected inside the hit zone. The target operates on three 1.5V AA batteries.

The target is compatible with all UIPM code certified emitters.

4. Getting target ready for use

Insert 3 AA 1,5V batteries into the battery compartment (5). Place the target onto a flat surface or hang it using the holes (7) on the wall or other suitable surface. Switch the target on using the START button (6). Once the target is on, LEDs turn on green, then red (or a few seconds only). The target should automatically check the battery status and indicate using the green LEDs on:

- 5 LEDs – the batteries are full
- 4 LEDs – the batteries are at 75% charge level
- 3 LEDs – the batteries are at 50% charge level
- 2 LEDs – the batteries are at 25% charge level

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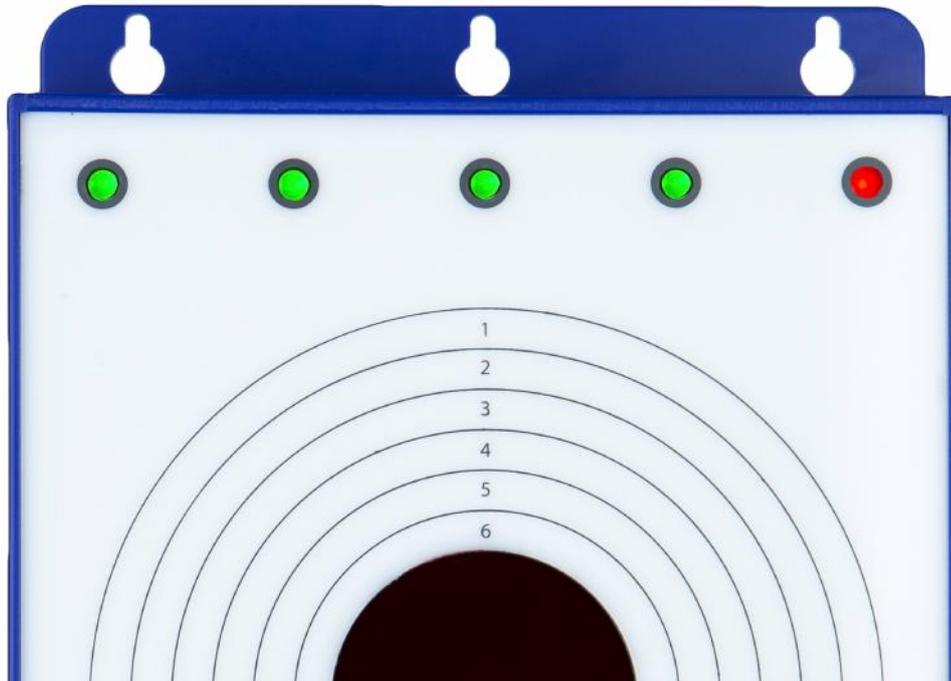


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- 1 LED – the batteries are empty, change them.



Battery space



5. External lighting connection

The PENTASHOT external lighting only can work with this target, interconnected using a UTP cable to the port (8). Once wired, the target is powered from the lighting set and batteries become automatically isolated.

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6. Update feature

The manufacturer or an authorized body only may update this target. The port (8) allows a PC to be connected to run update or a service software.

7. Operating principles

Never aim at people, animals or uncontrolled areas – observing the general rules for manipulation with weapon is required.

Only PENTASHOT external lamps can be used !!!

The targets shall be positioned so, that sun doesn't interfere directly with the registering of shots on the targets (UIPM Rules, B.5.15.i)

8. Technical parameters

Parameter name	Value
• Target dimensions	270 mm x 190mm x 32 mm
• Hit zone size	Ø 59,5mm
• MISS zone size	180 mm x 175 mm
• Weight	684 g incl. batteries
• Shooting distance	10m
• Shooting time	50 seconds

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Complete solutions.

- Power supply 2 x 1,5V AA batteries
- Laser signal type detection UIPM laser signal 15,6 ms & 25,2 ms, IQ
- Sun resistance 70 000 lux min
- External signalisation lamps PENTASHOT external lamps ONLY !!!
- Operating temperature +10°C up to +50°C
- Protection class of housing IP52
- Update function via RJ connector
- Data output format UIPM Open target protocol

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