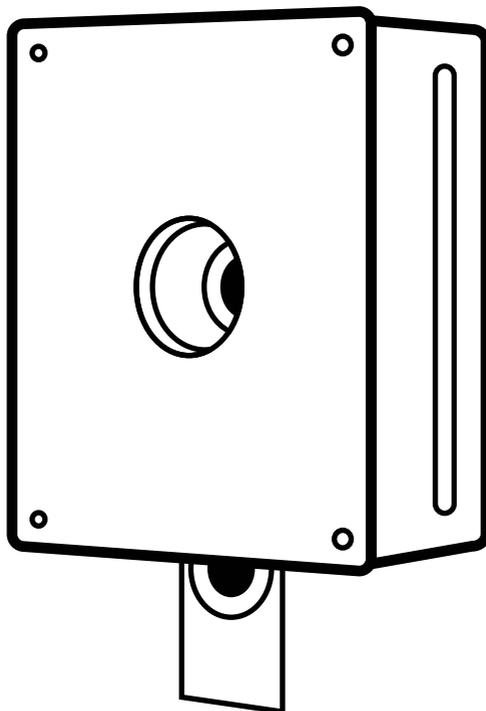


User Manual

Mitteo Smart Target M100



Read this user manual carefully before operating the device, in particular the target installation instructions and safety information.

Package contents



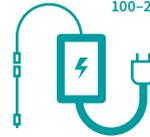
The Mitteo target



2 rolls of paper targets



User Manual



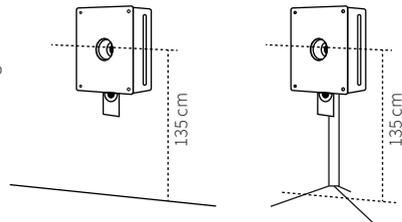
Power adapter and supply cable + extension cable

Only for the following voltage
100-240 V / 50-60 Hz

Quick start / Installation of the target

1 Fastening the target

Fasten the target on a tripod or on a wall. The official height according to ISSF rules is 135 cm (bull-eye) +/- 10 cm. 10 metres away from the firing line.



2 Connect the target to the power supply

The adapter is designed for 100-240 V / 50-60 Hz. To power it use the attached extension cable. Thanks to that, the adapter doesn't hang in the air and doesn't stress the power socket.

3 Turn the target on

Press the button [14] see the description of the target to turn the target on. The red button indicates that the target is starting. Wait 30 seconds before the target is started - the colour of the button will be yellow.

4 Insert tape with targets into the target

Unwind about 20 cm of the paper roll and insert it into the blue slot [11] in the back of the target. Slowly insert the paper end into the blue lit slot until the Mitteo collects the targets itself. Announcement - flashing slot. At this point you can freely put down the roll into the space.

5 Download and install the Mitteo application into your mobile

QR code for Android and iOS.
<http://www.mitteo.com/download/>



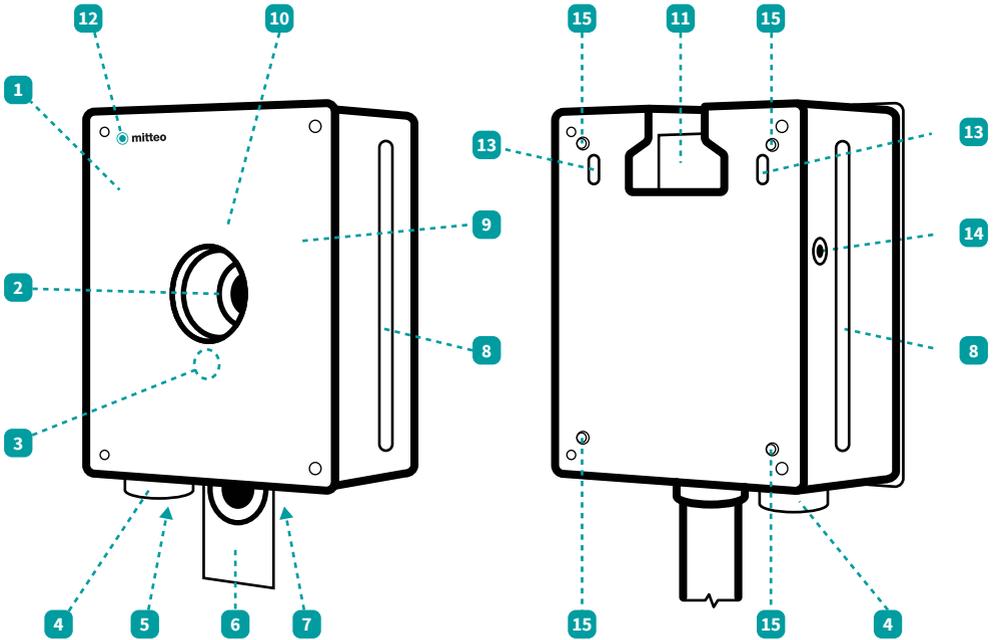
6 Connect your phone/tablet to the target

Run the application and follow the instructions in the mobile application.

7 Start using the target

After successfully connecting your phone/tablet to the target, the Mitteo logo [12] on the target lights up. Now you can shoot your first shot at the Mitteo target.

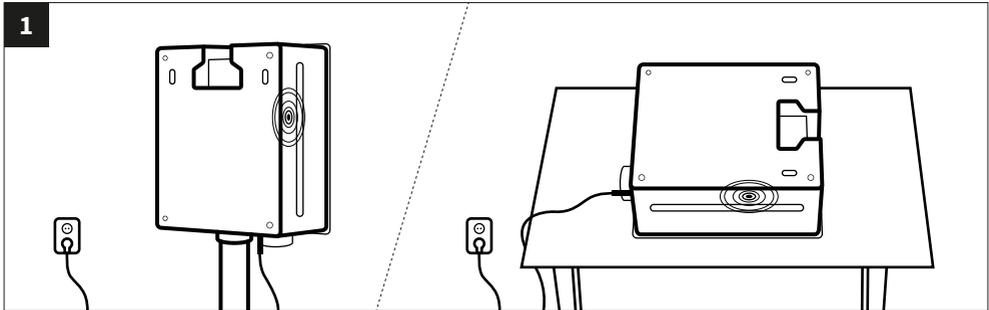
Description of the parts



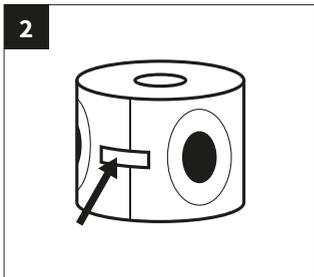
- 1 Target's faceplate
- 2 Paper target - 100% hit control guarantee
- 3 Built-in water spirit-level
- 4 Fired pellets catcher
- 5 Power connector / adapter connection
- 6 Tape of shoot-through targets
- 7 Tripod bolt for mounting on a tripod
- 8 LED lighting on the target surrounding

- 9 LED lighting on the faceplate
- 10 LED lighting for the paper target
- 11 Slot for inserting a paper tape with targets
- 12 Signal LED for the connection to the application
- 13 Holes for hanging on the wall
- 14 The ON / OFF button
- 15 Spacers against scratches while hanging on the wall or placing on a table

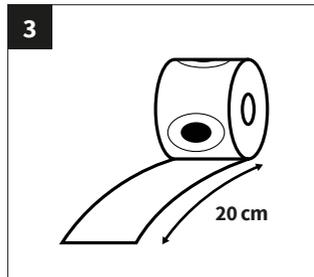
The procedure for inserting a paper roll with targets



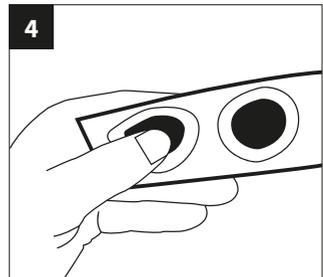
1. The target should be mounted either on a tripod or placed on the table board. The target must be plugged into an electrical outlet and started correctly, i.e. in the shooting mode.



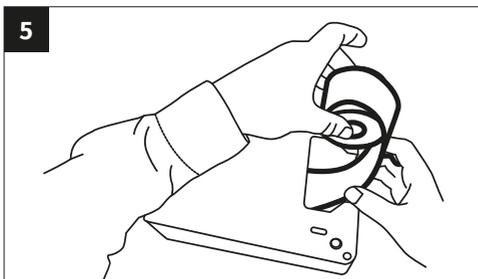
2. Remove the sticker on the paper roll with targets.



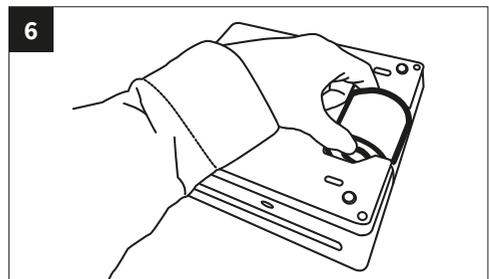
3. Unwind about 20 cm of tape.



4. Straighten the end of the tape with your fingers (like you would with a banknote).



5. Hold the roll with one hand (avoiding unangling the roll) and with the other hand insert the unrolled end into the lit slot [11], located in the rear part of the Mitteo target. Keep sliding the tape in until the slot starts flashing.



6. Once the Mitteo target starts to insert the target tape itself, insert the roll by gradual winding freely into the space for the target.

Later, after a little more practice, you can even do this process with one hand. Remember that the target must be connected to the network (in shooting mode) and there should not be any fired pellets in the cap, to avoid possible contact with electric and subsequent short circuit.

LED signalisation

Signal	Signal meaning	Action / how to solve it
 Button glows red	The target is starting.	Don't disconnect the target from the power supply.
 Button glows yellow	The target is in shooting mode.	Normal conditions, you can use the device.
 The signal LED on the faceplate is lit	The target is attached to the application on mobile/tablet.	Normal conditions, you can use the device.
 The entire faceplate is flashing red	Unspecified error on the target.	Restart the target. Press the button to turn off the target, press it again to turn it on.

Troubleshooting

Indication	Possible cause	Solution
The target can't be reached	Synchronisation error	Restart the application as well as the target. Try to reconnect. If the error persists, contact the support at support@mitteo.com .
Targets don't scroll	Jammed paper	<p>If the tape becomes jammed at any stage of shooting, tear off the target roll on the top section. By repeated tapping on the body of the target (firing imitation) you can manage to eject the rest of the tape. Then the groove for the target will be loose and you can re-insert a used (unwound) roll in the same way as when loading a new roll.</p> <p>Jams can occur when the tape is mechanically damaged.</p>
Application can't be launched	Application error	Restart your phone/tablet and try to run the application again. If the problem persists, reinstall the Mitteo application. In the case that it isn't possible to run the application even after the new installation, please contact our support at support@mitteo.com .

Turning the target off

After pressing the button, a red signal indicates turning the target off. The button goes off after 10-15 seconds. At this point you should disconnect the target from the power supply.

Never disconnect the target from the AC adapter or from the power supply before turning the target off.

IMPORTANT: before packing the target into a suitcase

After turning the target off, you then need to empty the cup with the fired pellets before packing. Before emptying the cup, don't turn the target over. Turning the target over can cause a short-circuit in the electronics with fired pellets getting inside the target.



Safety information

During storage, transport and use of equipment, keep it dry and avoid collisions with other objects. The device and its accessories must be kept away from water and moisture, and keep it dry. Keep your hands dry when operating with the device or when unplugging the device from the power supply. The equipment must be at a sufficient distance (1-2 metres) away from heat and fire sources (heating, candles). Position the device away from electrical appliances that generate a strong electromagnetic field, such as a microwave oven or refrigerator. Place the device into the cool, well-ventilated place. The device is intended for indoor use only. Don't expose to direct sunlight. The operating temperature of the device is 10 °C to 40 °C. Don't cover the openings of the device. Keep at least 10 cm of free space around the device, so that the heat emitted by the device can dissipate. If any object or liquid gets into the device, immediately turn the device off. Unplug it from the power supply and the other connected cables. During thunderstorms, turn the device off and disconnect all cables from it to prevent lightning damage to the device. Use the AC adapter only in the power supply that has the parameters listed in the power adapter specifications. Failure to follow the instructions may cause a fire, damage to the power source or the device. Don't use the AC adapter if it is damaged in any way. Doing so may cause electric shock. Warming up the device during use is normal. Keep the device and its accessories clean and use it in a dust-free environment. Keep the device and its accessories out of the reach of children.

CAUTION: If the target is used, nobody except the marksman (user) is allowed to stand within 10 metres.



Disposal of the product

This device mustn't be disposed of after use along with household waste. In order to dispose of the product correctly, hand over any spent electrical equipment to designated collection points, where they will be accepted free of charge. Proper removal of this product will help to conserve natural resources and also helps to prevent the potential negative impacts on the environment and human health which may be the result of improper waste disposal.

The target may only be used with the supplied external power supply. If not, the manufacturer isn't liable for any injury or damage to the target or its accessories.

Technical parameters

Mitteo Target

The device name:	Mitteo Smart Target
Model:	M100
Manufacturer:	Mitteo s.r.o.
Interface:	ON (OFF) button 12V power connector
Dimensions:	190 x 240 x 135 (W x D x H)
Weight:	2 700 g

Power adapter

Input:	100-240 V AC 50-60 Hz, 1 A
Output:	12 V DC / 3,33 A, 40 W max.

Operating conditions

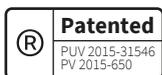
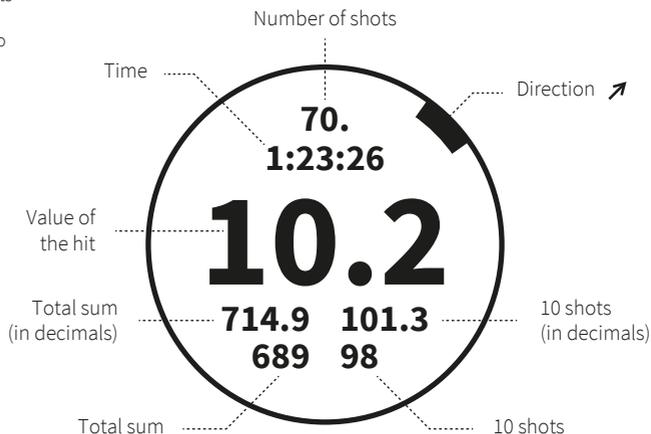
Ambient temperature:	10 °C to 40 °C
Storage temperature:	5 °C to 50 °C
Environment:	dry environment only indoors
Air humidity:	10% to 70% non-condensing

Mitteo architecture / MyMitteo cloud

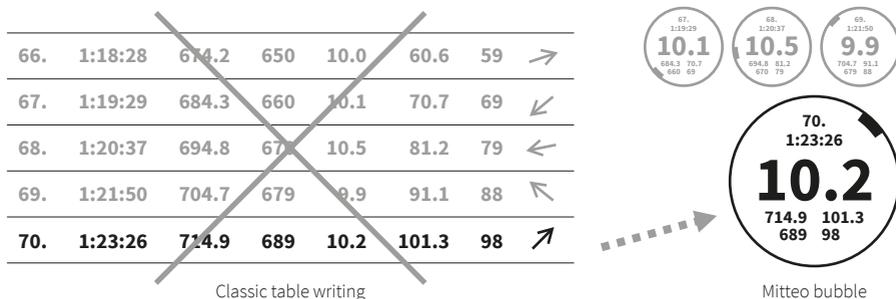


The Mitteo bubble - a unique view of the shots

In the Mitteo application, the shots are represented by a unique display, using the patented Mitteo bubble.



The Mitteo bubble replaces the classic table writing of results. **One row of the table (one shot) = one bubble.**



Mitteo patents: **Smart Target Mitteo** on 5th of June 2014 was registered as a patent under registration number CZ27714 (U1). Name: CZ27714 (U1) - Electronic target. Classification: F41A33/02; F41J2/02; F41J5/02; F41J5/04. Registration number: CZ20140029637U 20140605. **Mitteo Bubble** was registered on 11. 5. 2016 as a patent under registration number CZ29398 (U1). Name CZ29398 (U1) - Target with shooting hits visualisation. Classification: F41J5/04; F41J5/14; G09F9/302. Registration number: CZ20150031546U 20150922.

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