



#seriousfun

# SQ PanoramiQ User Manual



[sportquantum.com](https://sportquantum.com)

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multiple-time French Champion

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# Preface





**The SQ PanoramiQ** is engineered for air pistol sport shooting, adhering to a maximum energy limit of 7.5 joules, which aligns with the official standards for ISSF and Olympic shooting disciplines. The target assesses the impact position on a transparent polycarbonate impact plate, behind which a screen presents visuals managed by the SQ Touch tablet. This system delivers real-time scoring accurate to the nearest tenth of a point. In its standard configuration, the SQ PanoramiQ interactive target and the SQ Touch tablet are linked through an Ethernet cable.

### **Technology**

The SPORT QUANTUM and [CEA List](#) research teams have collaboratively developed a technology that accurately locates impacts through the measurement of shock waves. This groundbreaking innovation has led to the acquisition of four international technology patents, facilitating compliance with the performance standards mandated by the ISSF and Olympic disciplines, including an accuracy exceeding one-tenth of a point or 125 micrometers.

### **Enhance your personal development.**

As progress relies on performance measurement, the SQ PanoramiQ enables shooters of all skill levels, from novices to competitors, to evaluate every facet of their shooting practice, monitor their advancement over time, and access effective training techniques.

### **Enjoy and share.**

Whether you are a child or an adult, a passionate shooter or a competitor, SPORT QUANTUM technology provides a groundbreaking approach to precision shooting training. Shooters can access an extensive library of training and entertainment exercises centered on methodology, precision, and optimal timing.

### **Competition**

The SQ PanoramiQ target has received approval in France from the FFTir for official 10m speed pistol competitions.



## Software

Sport Quantum products encompass four primary components:

1. **The Application App:** A tablet-based application (APK) compatible with Android version 8 and higher.
2. **The Supervisor:** Desktop Application (SynQro) is available on Windows, macOS, and Linux.
3. **Firmware:** Software executing on the target device.
4. **The online web portal:** An application available at <https://sqm.app>, primarily utilized for exporting QR Codes.

All software is uniform across various devices (SQ PanoramIQ, SQ Fire, ...) and tablets (SQ Touch, Teclast, ...).

## X.Y.Z Versioning System

Each software application is assigned a version number formatted as X.Y.Z, such as 4.7.23.

- X: Major version. Signifies a substantial change, likely incompatible with earlier versions.
- Y (7 in the example): Minor version. Signifies a minor modification, likely incompatible with prior versions. An even number denotes a production version, while an odd number indicates a development version.
- Z (23 in the example): Patch version. Signifies a bug fix or minor modification, compatible with the existing X.Y environment.

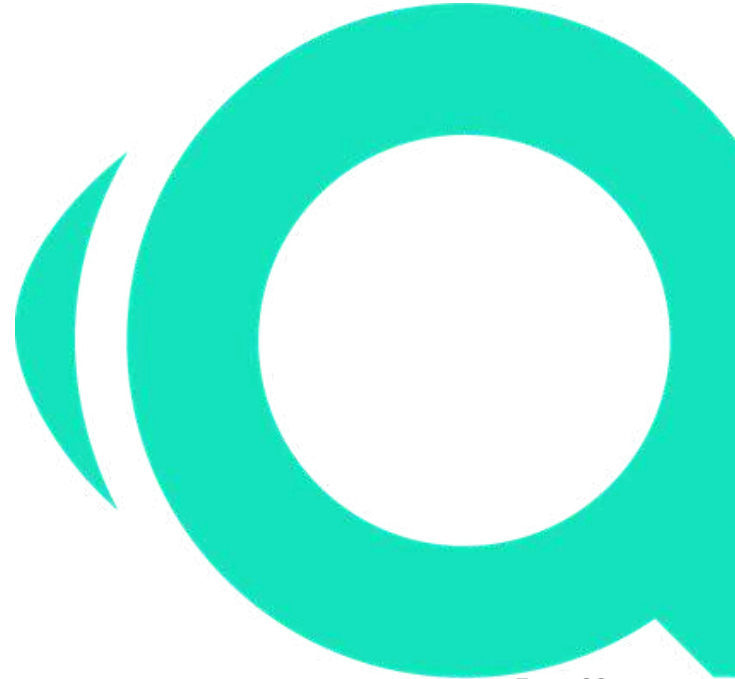
## Version Compatibility

App, Supervisor, and Firmware versions are deemed compatible when the major and minor version numbers (X and Y) align.

# Utilization and characteristics of the application



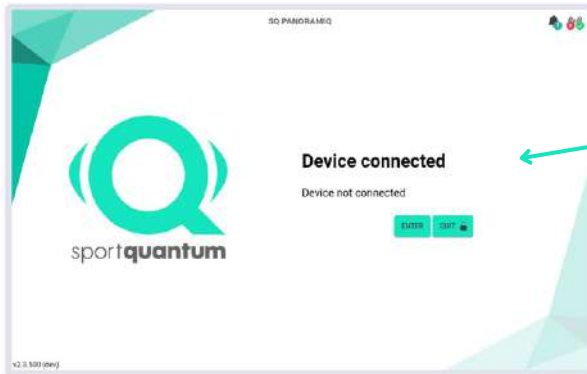
# Initiating and Configuring the SQ Application



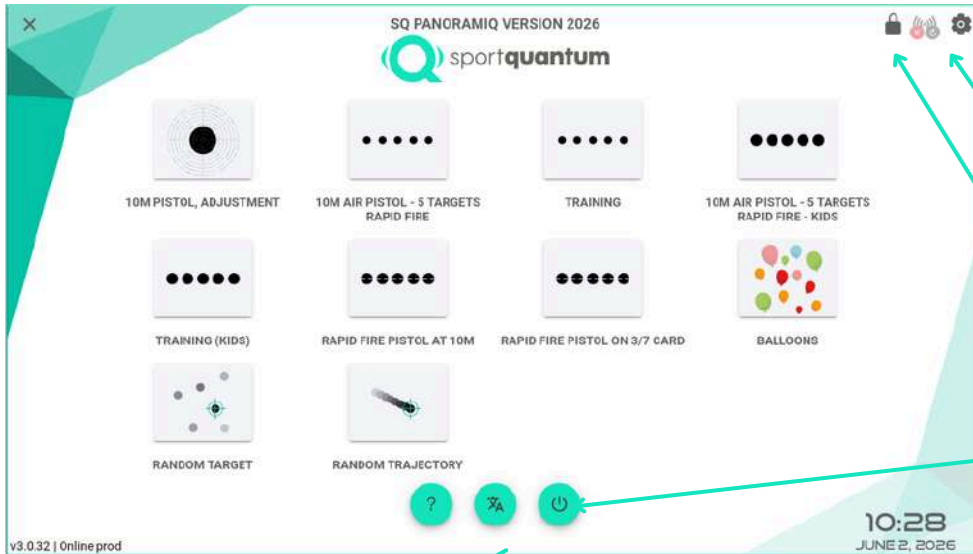


## Started: Open the application and establish a connection to the target.

Upon initiating the SQ Touch tablet, if the application does not launch automatically, please select the SQ application icon. The application should connect to the target automatically.



If the SQ Touch tablet is **not connected to the intended target**, proceed to **Settings** and connections as illustrated on page 38.



Application and Target Configurations

Connectivity / Please be advised that the SQ PanoramIQ operates exclusively with a wired connection.

 **Unlocking**

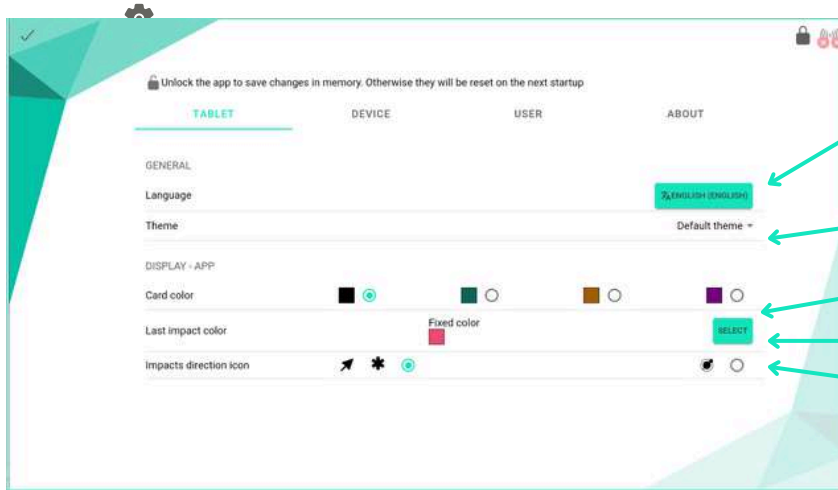
**Deactivate the target.**

Depending on the version, the target display may remain active.



- Useful links / Additional information and language options

- Click to  access the application and target settings page.



Select your preferred language (8 options). An app restart is required for changes to take effect.

SQ Touch Light and Dark Modes

Background color of the cardboard sections on the SQ touch tablet

Color of the most recent impact on the SQ Touch tablet

Impact Direction Icon

- Click to  access the application and target settings page.



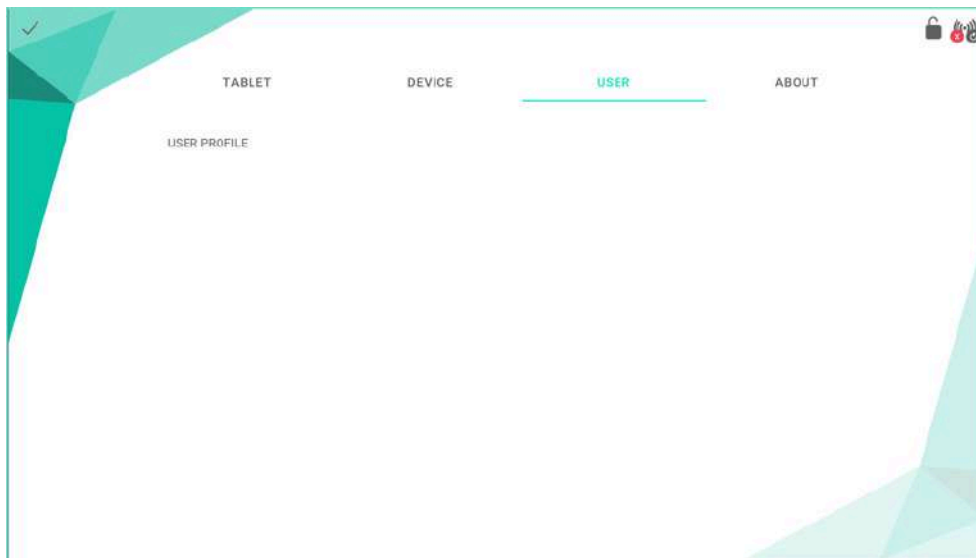
Target wallpaper (surrounding the shooting box)

Background color of the target display

Target luminance

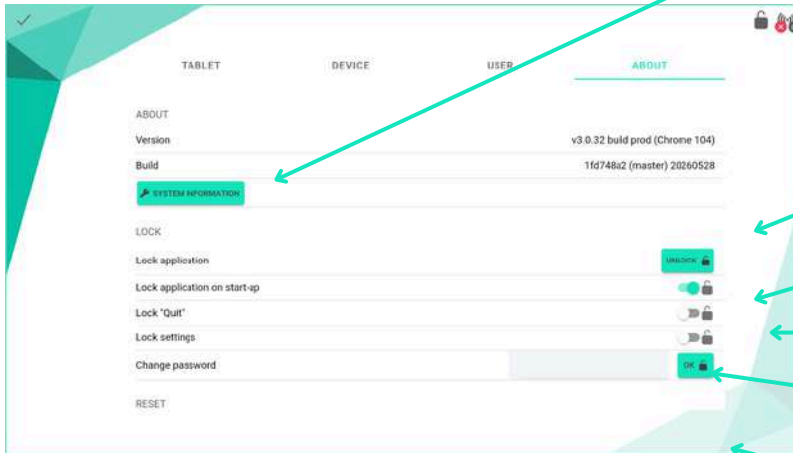
Exhibiting effects on the target

- Click to  access the application and target settings page.





- Click to  access the application and target settings page.



Secure the default application. All safeguarded actions and configurations will require a password for access.

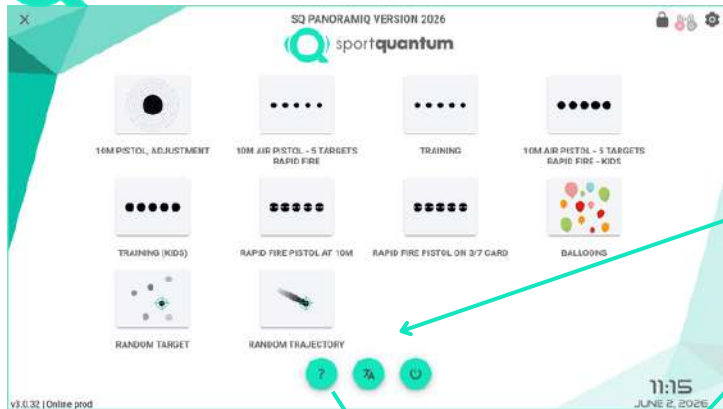
Lock the "Exit button." The user will be unable to exit the application without a password.

Lock "Settings." The user will be unable to modify the target and application settings without a password.

The default password is "1896."

Restore all settings to factory defaults, including login configurations.

# sportquantum Support and guidance

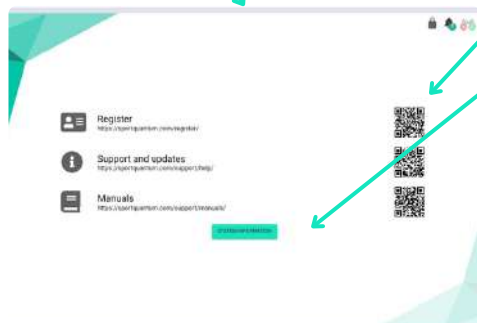


## Valuable resources

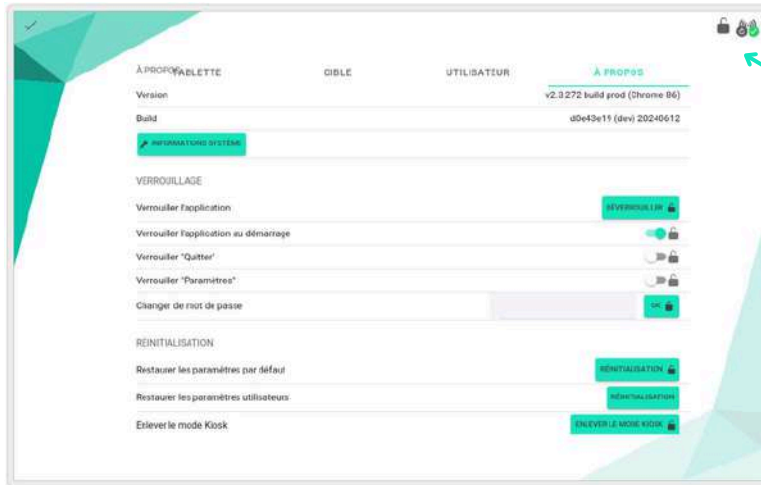
By clicking on "?", you will discover the useful links listed below.

Simply scan the QR codes with your mobile device to access the latest documents and information on the SPORT QUANTUM website.

Access system information. This information may be requested by SPORT QUANTUM technical support.




# Application and target configurations



How can I unlock the SPORT QUANTUM application?

1. Select the icon 
2. Please input the following password: "1896"
3. Select "Unlock."

- When the application is unlocked, all buttons and functions previously restricted by the application are disabled with this icon. 

Note: A complete reset of the application by an administrator is required in the event of a lost password.

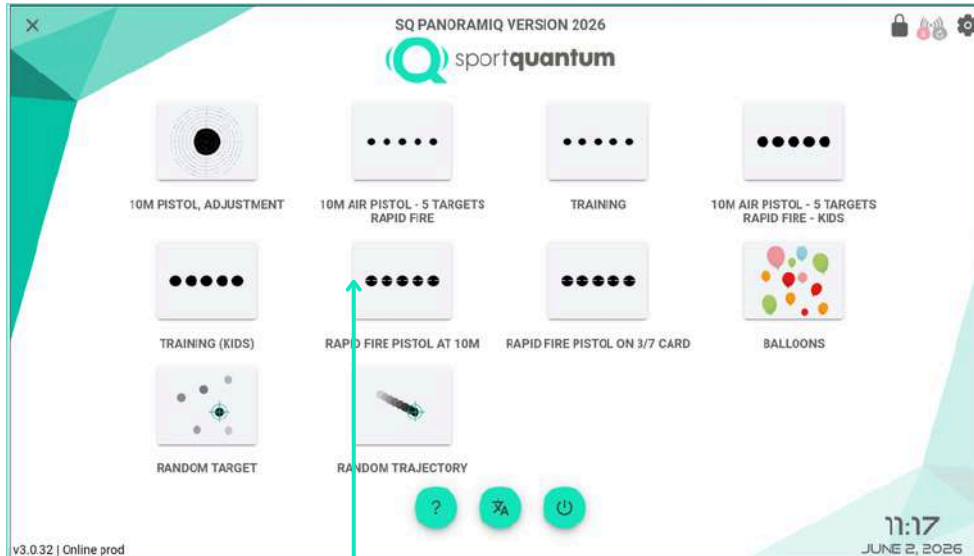
# Used of the application and Target





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# Selection of Activities



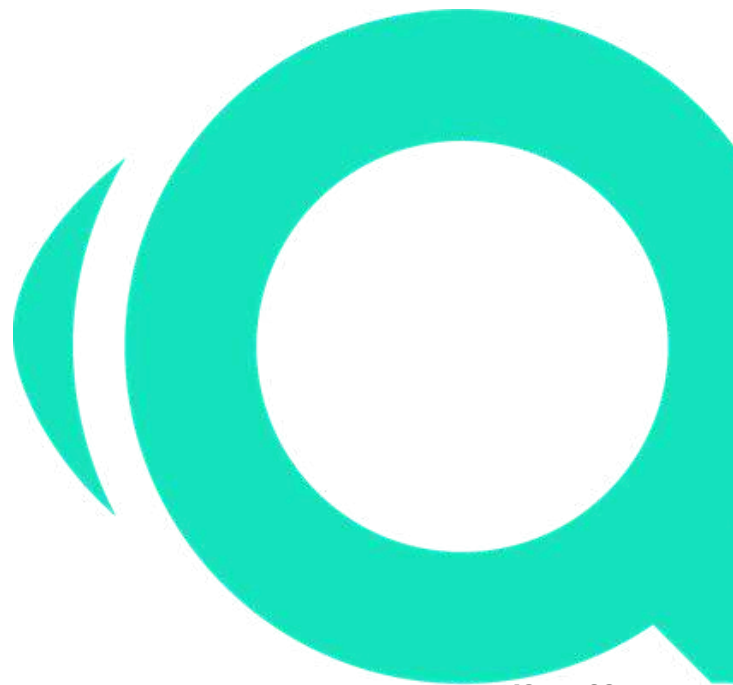
Choose your Activity:

Precision shooting: competition and training

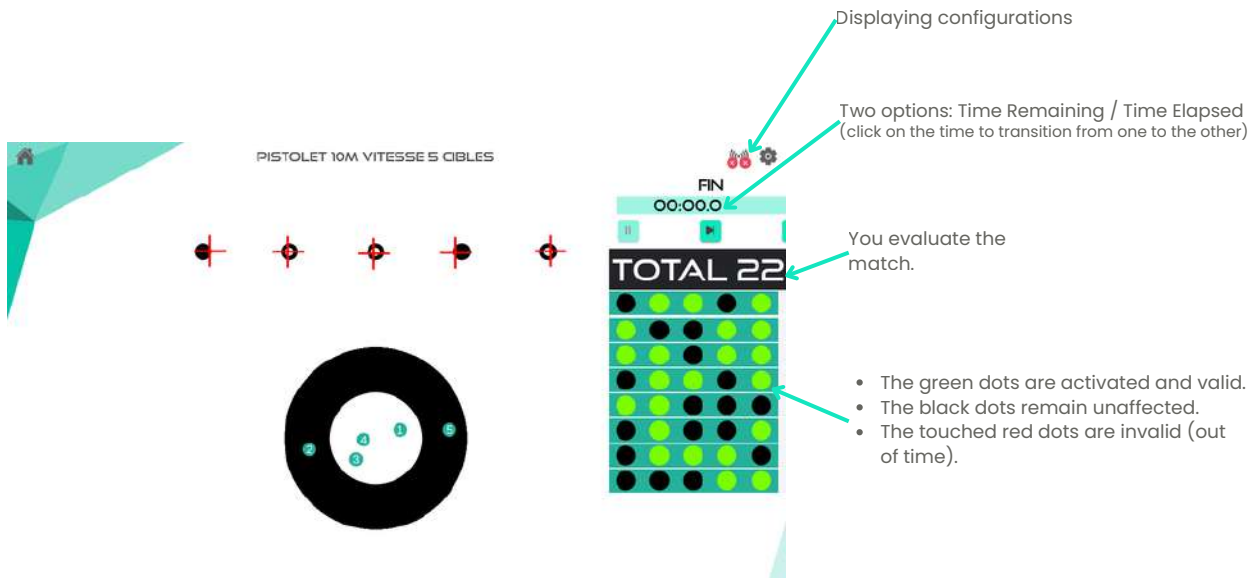
5-target Speed Shot

Training games - Engaging education

# Shooting session



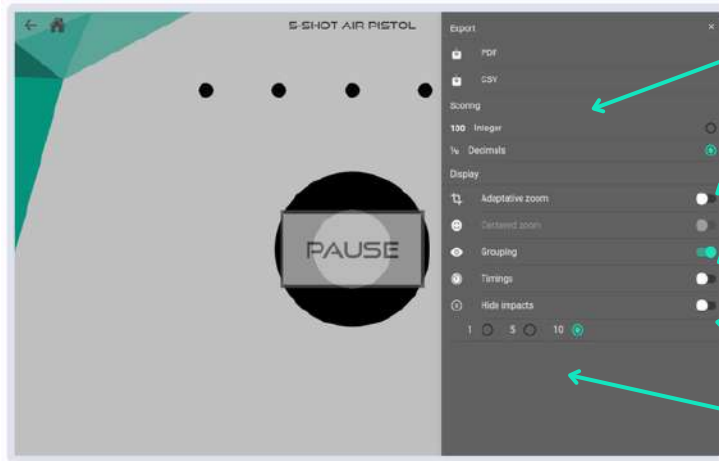
# sportquantum Shooting session



# sportquantum **Impact and Score Settings**



Click on this icon located in the upper right corner of the SQ Touch.



Score display format (integers, decimals, fractions)

Zoom mode (adaptive to fit impacts, centered to maintain the target in the middle)

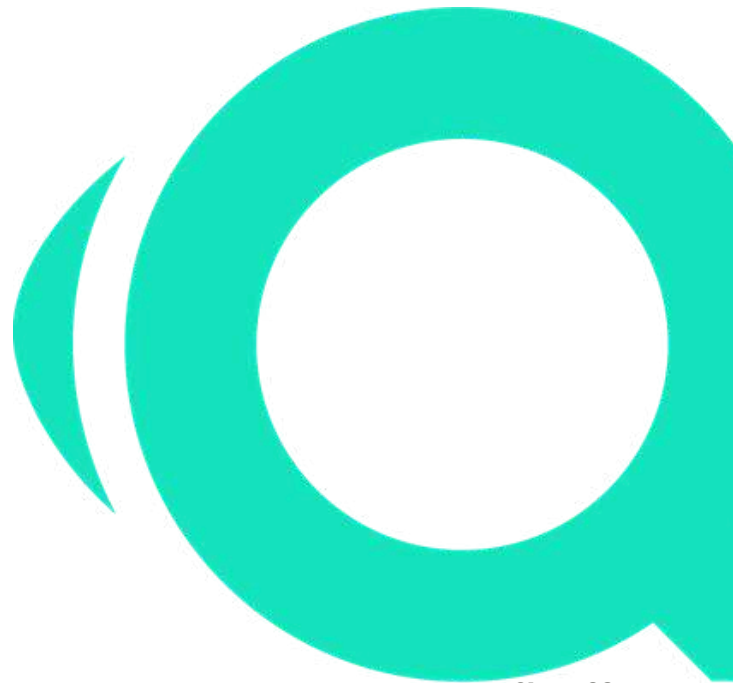
Displaying the categorization

Time: timer for each shot

Conceal the effects

Display impacts in increments of 1, 5, or 10.

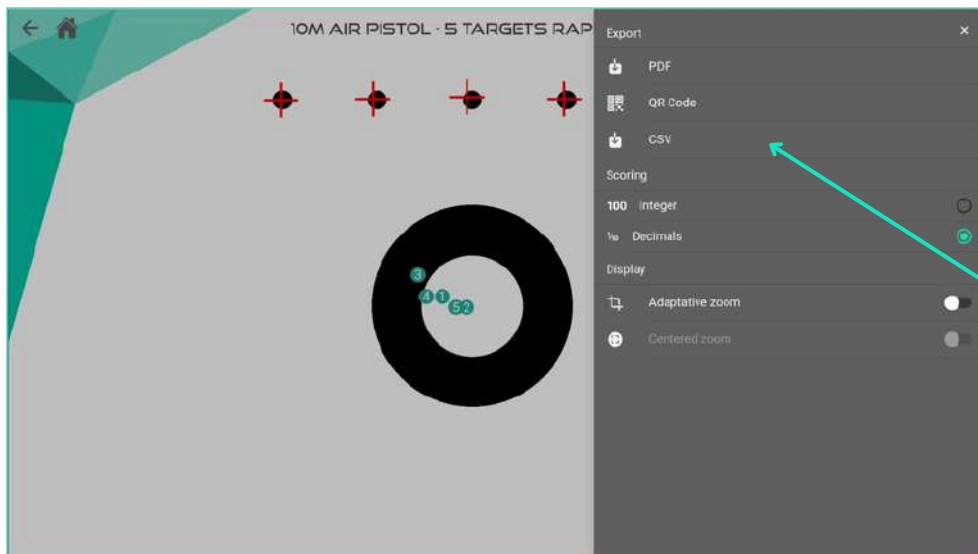
# Export outcomes





# Save your results in PDF or CSV format.

Select this icon 



Click "PDF" or "CSV" to export the data to your device.



# Save your results in PDF or CSV format.

Enter your notes and click on EXPORT.

If a USB key is detected, the CSV file will be saved in the sportquantum folder.

For the PDF file: When a USB key is detected and the button is enabled, the PDF file must be saved on the tablet, as requested, in the Documents folder of the tablet. The file will then be automatically copied to the USB key.

**EXPORT PDF**

**NOTES**  
Enter your comments...

Print in black & white

Copy on the USB key

USB key is missing ? Try to unplug it and plug it again

**EXPORT** **CANCEL**

**EXPORT CSV**

**NOTES**  
Enter your comments...

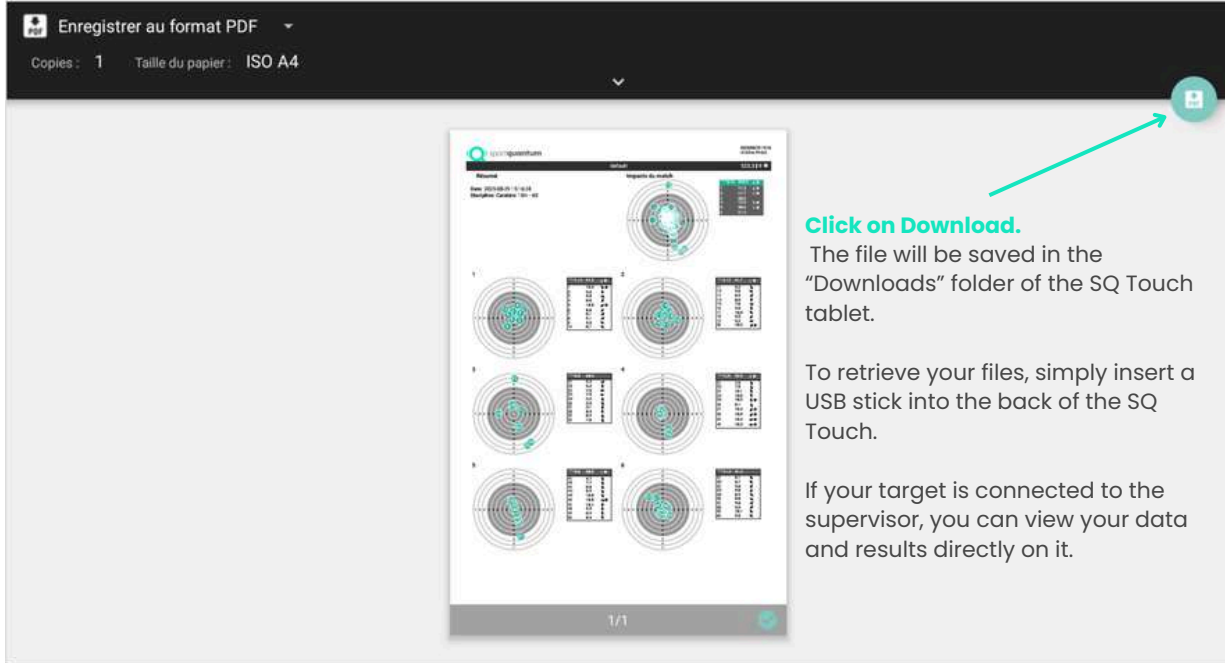
**Save /Download**

Copy on the USB key

USB key is missing ? Try to unplug it and plug it again

**EXPORT** **CANCEL**

# Save your results in PDF or CSV format.



The screenshot shows the SportQuantum app interface. At the top, there is a black header with the text "Enregistrer au format PDF" and a dropdown arrow. Below this, it says "Copies : 1" and "Taille du papier : ISO A4". On the right side of the header, there is a circular icon with a document symbol, which is highlighted by a red arrow. The main content area shows a preview of a results page with several circular charts and data tables. At the bottom of the preview, it says "1/1".

## Click on Download.

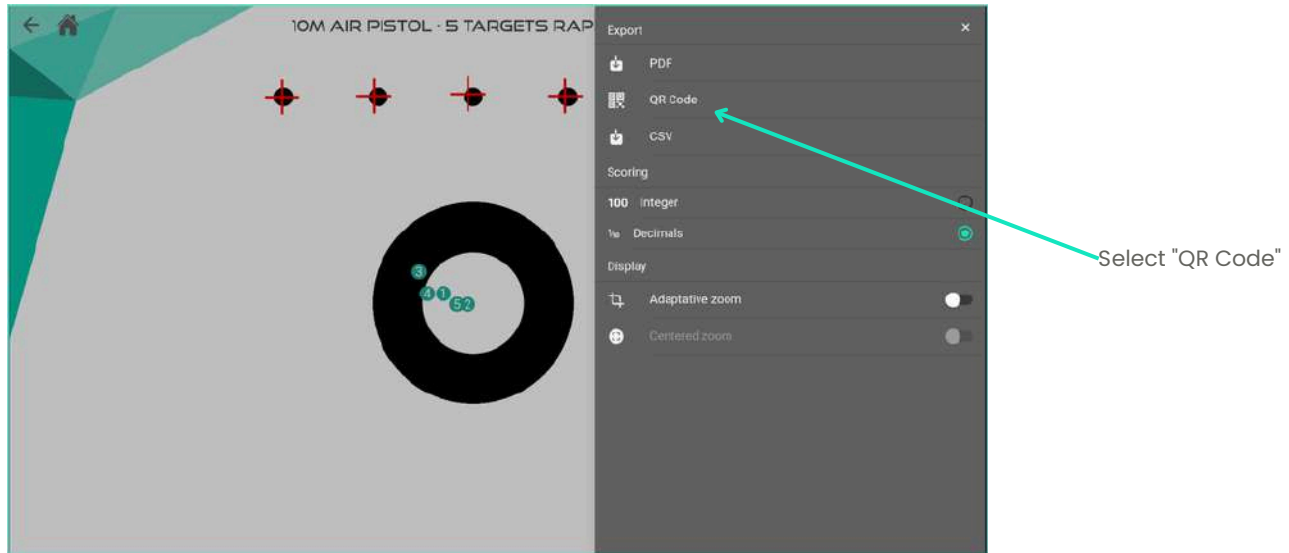
The file will be saved in the "Downloads" folder of the SQ Touch tablet.

To retrieve your files, simply insert a USB stick into the back of the SQ Touch.

If your target is connected to the supervisor, you can view your data and results directly on it.

# sportquantum **Export: QR Code**

A practical method for exporting shooting results directly to a smartphone involves utilizing a QR code generator. This approach streamlines the process in comparison to exporting PDF and CSV files, particularly in kiosk mode.



# sportquantum **Export: QR Code**

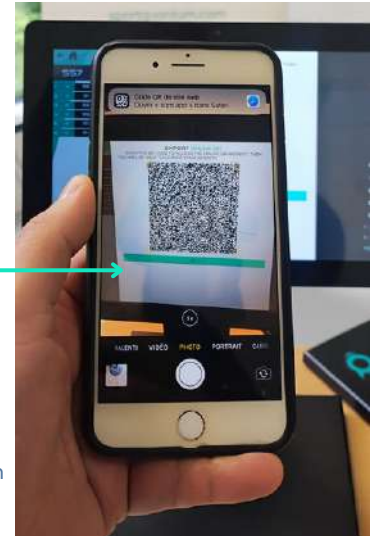
- On your mobile device or tablet,
- Launch the integrated camera application.
- Aim the camera at the QR code.
- Select the link that appears on your phone or tablet.



Scan the QR Code



Click to watch the demonstration  
video





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# Export your data

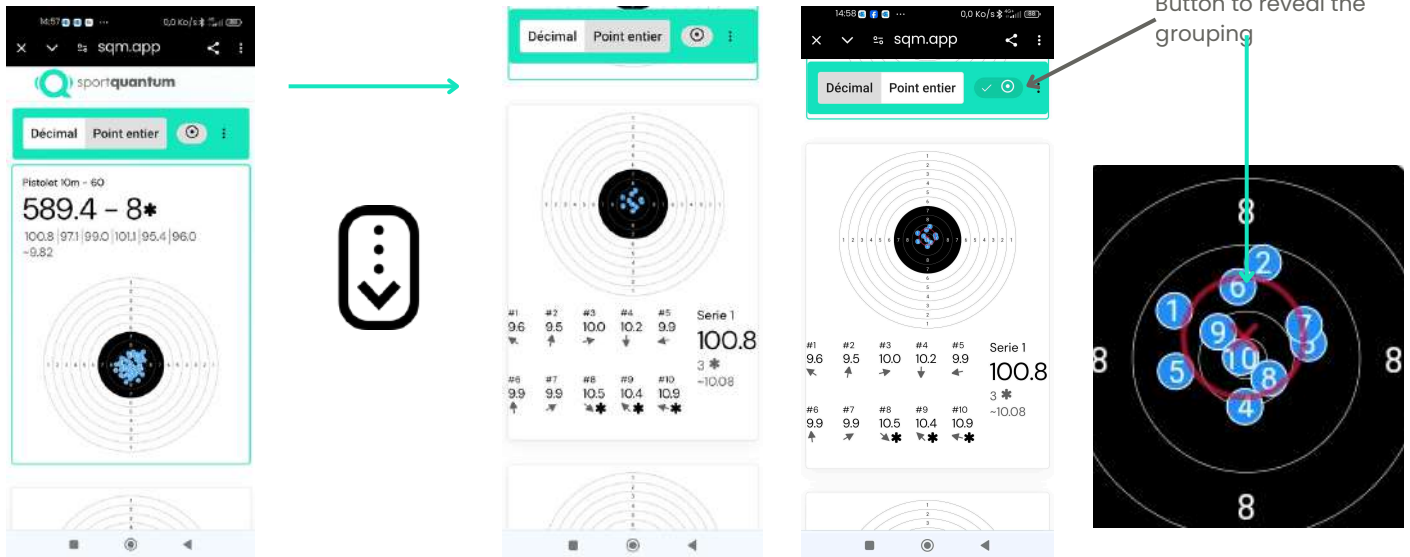


To export the data to the tablet or view your statistics



# sportquantum Digital dashboard

- On your phone, you will have the capability to analyze and comprehend your match.



Button to reveal the grouping

#1	#2	#3	#4	#5
9.6	9.5	10.0	10.2	9.9
↘	↑	↘	↓	↘

#6	#7	#8	#9	#10
9.9	9.9	10.5	10.4	10.9
↑	↘	↘*	↘*	↘*

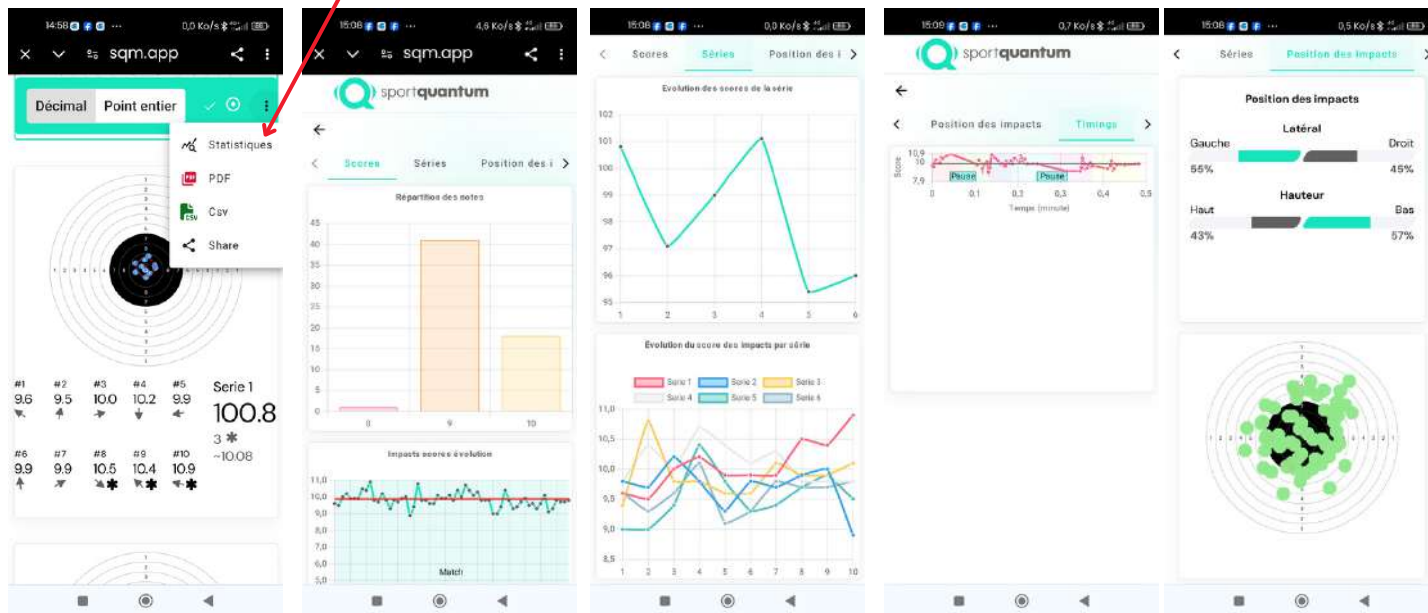
#1	#2	#3	#4	#5
9.6	9.5	10.0	10.2	9.9
↘	↑	↘	↓	↘

#6	#7	#8	#9	#10
9.9	9.9	10.5	10.4	10.9
↑	↘	↘*	↘*	↘*

# sportquantum Digital dashboard

Your shooting statistics are presented on your phone.



# sportquantum **Digital dashboard**



Additionally, you can generate PDF or CSV files to preserve your data.

Please share on your social networks.

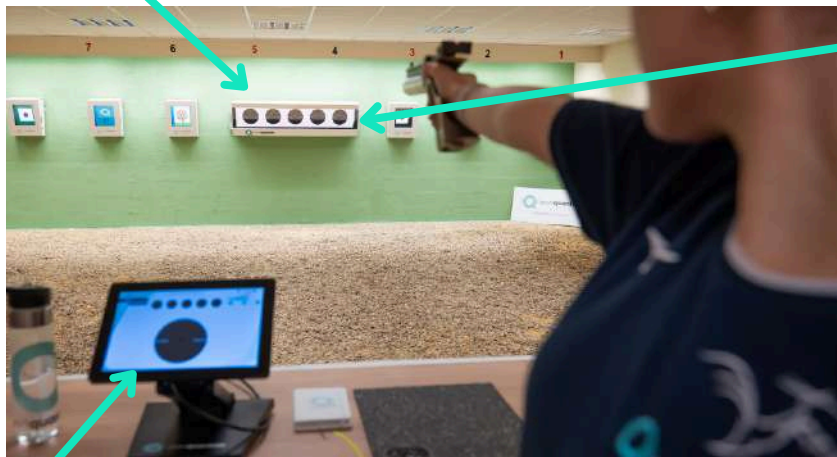


# Technical specifications



# sportquantum **SQ PanoramiQ – Overview**

220V power supply directed to the target from the rear.



SQ PanoramiQ target

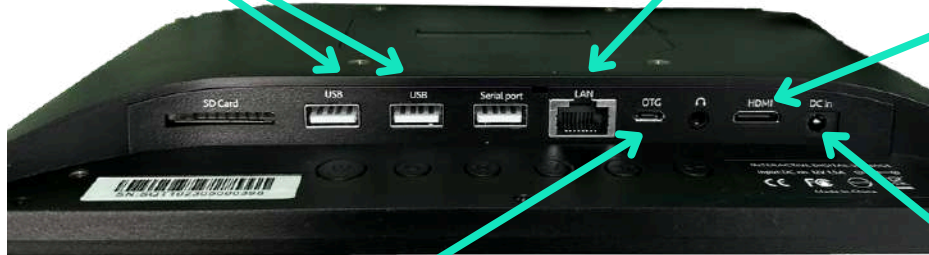
SQ Touch (tablet) + Power supply + RJ45 Ethernet cable

# sportquantum **SQ Touch - Connectivity Solutions**

USB, facilitating the connection of external devices

The LAN port enables direct connection of your SQ Touch to the local network via Ethernet or Power over Ethernet (PoE), facilitating both data transmission and power supply.

HDMI for direct connection to a screen or television (tablet display)



The OTG, or On-The-Go, adapter enables the connection of your tablet to a computer for file transfers, such as exporting scores and updating applications.

Connect a DC 12V power supply if the tablet is not powered through the PoE LAN port.

# sportquantum **SQ Touch - Configuration**

The SQ Touch Power button is on the back panel.

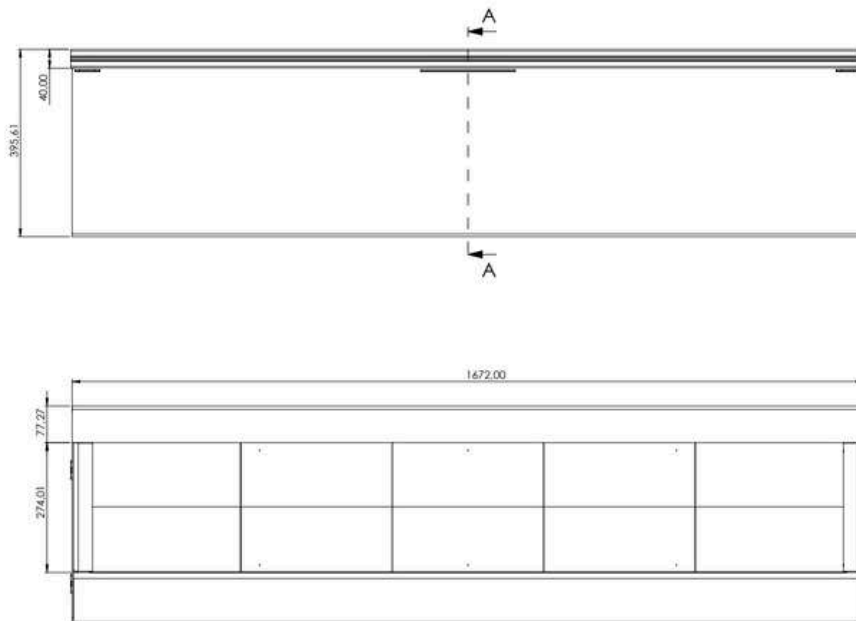
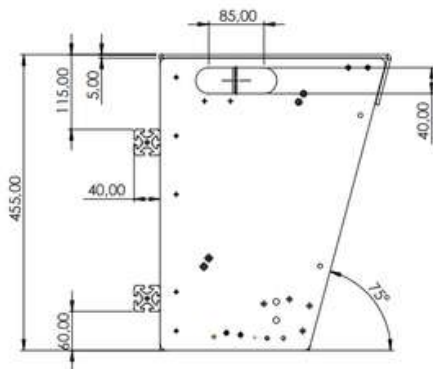


Return to the SQ Touch homepage.

Modifying the brightness of the SQ Touch

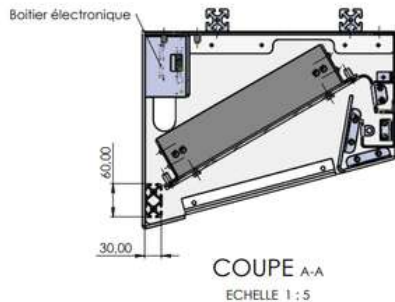
Modifying the audio settings of the SQ Touch

# sportquantum **Target specifications**



NB: All dimensions are stated in millimeters (mm).

# sportquantum **Technical specifications**



Description	Technical specifications
<b>Dimensions</b>	464 mm x 1690 mm x 364 mm
<b>Weight</b>	60 kg
<b>Maximum muzzle energy of the firearm at 10 meters</b>	7.5 J (joules) is recommended (premature wear of the measuring plate occurs beyond 8 J).
<b>Primary power source</b>	220-240V - 50/60Hz - 3.0A - Maximum 350W
<b>Electrical energy</b>	250W
<b>Temperature</b>	Operating range: 0°C to 35°C; storage range: -10°C to 60°C (storage below 0°C may lead to premature system wear).
<b>Humidity</b>	8-80%
<b>Peak luminosity</b>	1500 Cd/m <sup>2</sup>

# Initial installation procedure

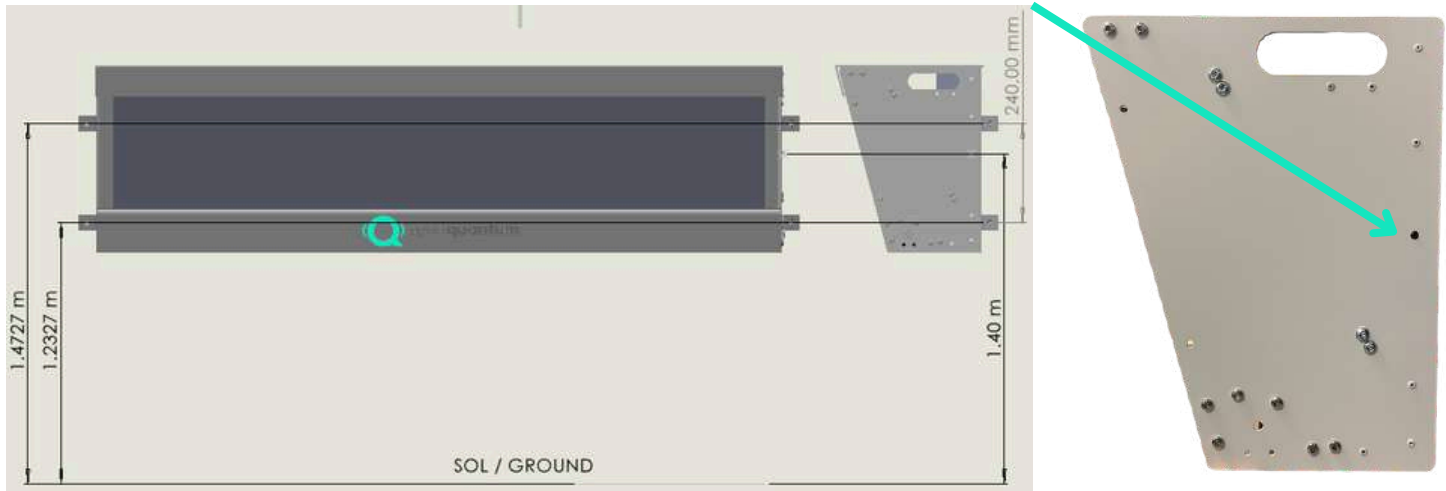


# sportquantum **Start with the interactive target**

- The target must be securely fixed:
- Using the two square bars on the back.

The rear of the target must be 10.18 m from the firing line.

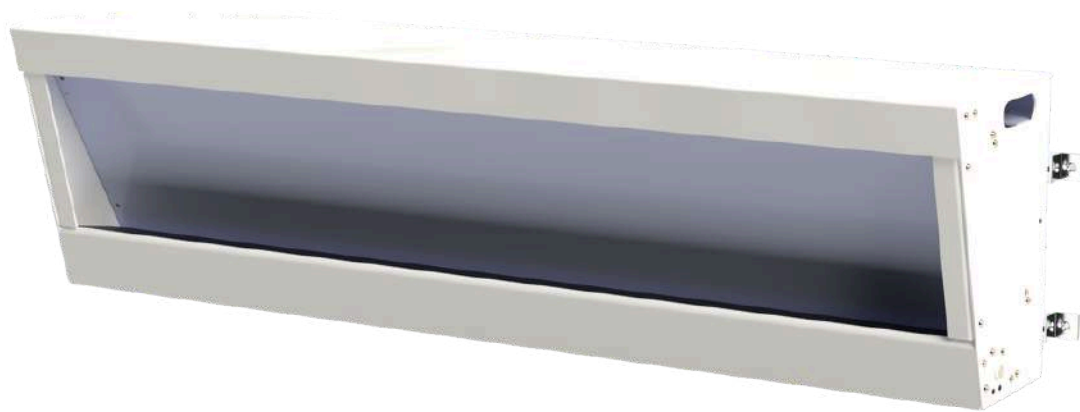
- The center of the visual target for precision pistols must be placed 1.40 m from the ground (from the firing line).
- To do this, the black aluminum rivet on the side of the target indicates the height of 1.40 m from the ground.



# sportquantum **Start the target**

Secure the target to the stand or wall using the bars provided for this purpose located on the back of the target.

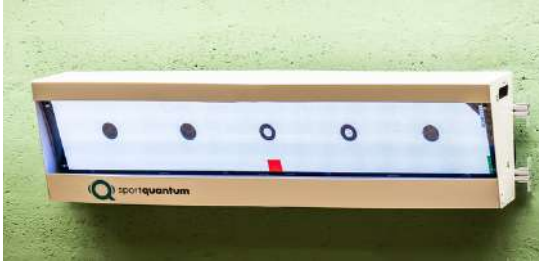
Place the corresponding SQ Touch tablet on the shooting lane table.





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## Precautions of used



**Important:** Prior to initial use, apply a small amount of silicone gel with a clean cloth to the polycarbonat plate of the SQ PanoramIQ.

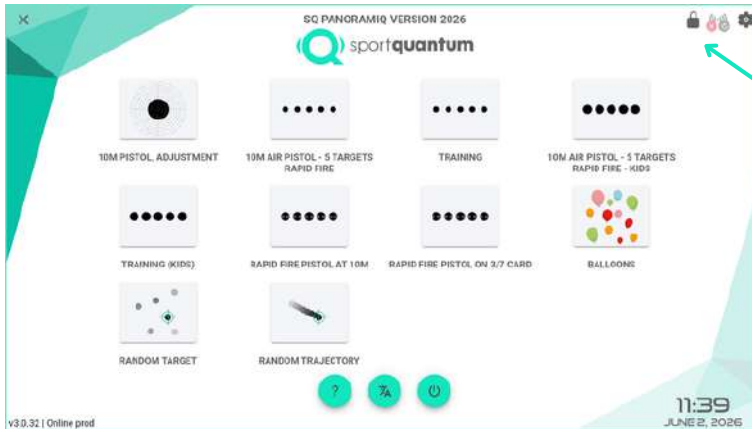
- Consistently perform this action to establish a light protective layer, particularly in the center of the target.
- Between silicone gel cleaning sessions, use rubbing alcohol and a soft cloth to clean your target and eliminate any dust.
- Position the power supply in an area shielded from direct flames.
- Once your target has been powered down, it can be reactivated by disconnecting and reconnecting the power supply after a duration of 10 seconds.


**Important:** Do not fire at the target without the cover or pellet tray.

# Configuring a Point-to-Point Network






# Connection status between the SQ application and the target.



 Connection status to the target (click to access connection configurations)

Various potential statuses:

-  The SQ application is linked to the target.
-  The SQ application is not linked to the target. Kindly consult the troubleshooting section on page 65.
-  The SQ application is attempting to reestablish a connection to the target.

# sportquantum Connection configurations



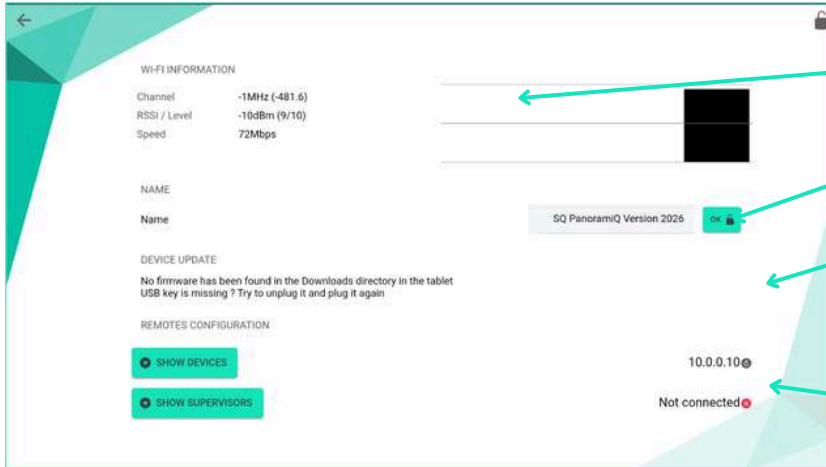
Password = 1896



Shutdown your target.

Number of impacts sustained by the target

System Information (Expert)



Network configuration

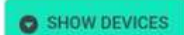
Designate the name of the firing lane (utilized by the supervisor).

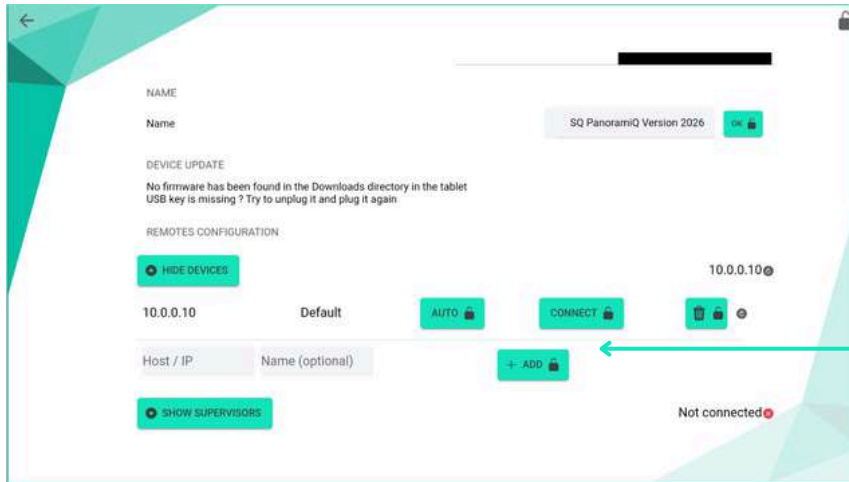
Target firmware update. Kindly consult the maintenance section for further details.

Presently configured target IP address and connection status

# sportquantum **Connection configurations**

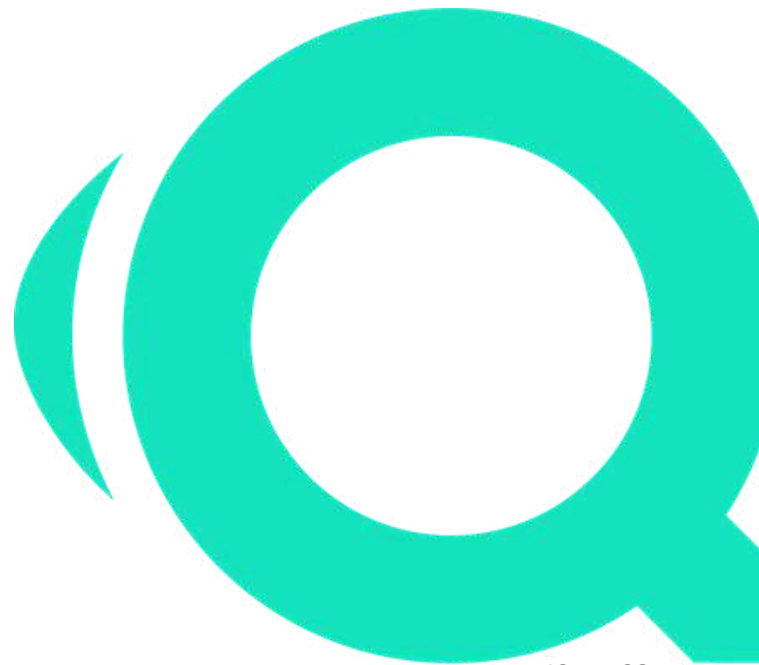
If needed, you may modify the configured IP address that the application utilizes to connect to the target.



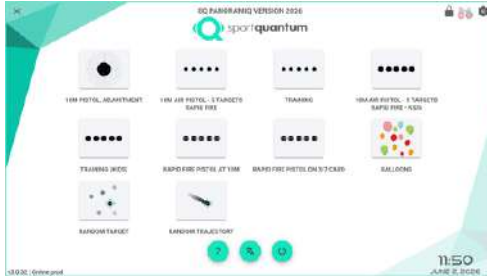


To configure a new IP address, input the new IP address in the "Host/IP" dialog box, then click "Add" followed by "Connect." Subsequently, select whether this new connection will be utilized automatically by clicking the appropriate "Auto" button.

# Troubleshooting Connectivity Problems



# The SQ application is not connected to the target.



- Navigate to the application's home page.
- Click on the settings icon in the top right corner, then select ABOUT and then SYSTEM INFORMATION
- Scroll down to review the message presented in the "Connection with teh device" section.
- If the "State" line indicates "Not Connected" with a red cross, or if it shows an IP address in the format "XX.XX.XX.XX" accompanied by a red icon, please proceed to the next step. Conversely, if the line features a green icon, your connection is functioning properly.
- On the designated target, verify the configured IP address shown on the bottom line of the target's screen (formatted as "XX.XX.XX.XX"). Note: If your target operates in point-to-point mode, it should display "10.0.0.10".
- Click ( ) to access the settings. The default password is "1896."
- Click "Show Target," then select "Auto" and "Connect" next to the default line "10.0.0.10" if your target operates in point-to-point mode. If not, proceed to step 7.
- In the "Host / IP" field, input the IP address shown at the bottom of the screen for the corresponding target (in the format "XX.XX.XX.XX") and click on "+Add."
- On the newly added line, select "Auto" and then click "Connect."

# Service and Assistance



Measurement diagram

Motherboard

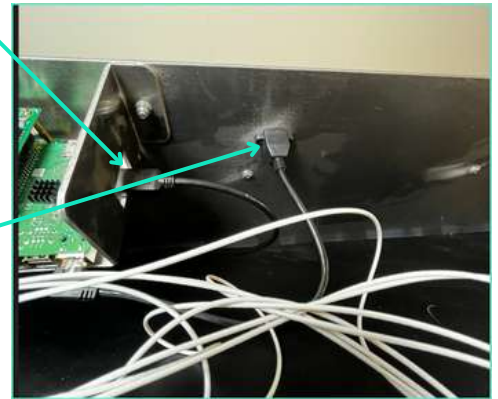
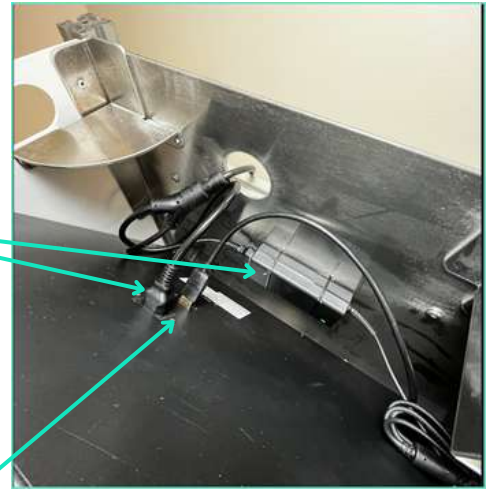


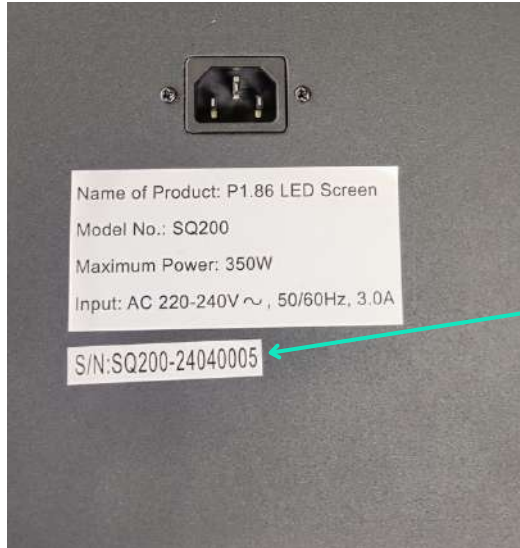
Measuring cable plates

Ethernet RJ45

Power

HDMI





The serial number can be found on the rear of the screen.


Please consistently reference the serial number in all correspondence with our support team.



- The target fails to illuminate.

1. Verify that the power supply is securely connected at both ends.
2. Inspect the red LED on the measurement board. If the LED is not illuminated, proceed to step 1; otherwise, advance to step 3.
3. You may conduct tests on an alternative target). If the power supply is compromised, it must be replaced.
4. If the power supply is functioning, the measuring board should be replaced.
5. The measuring board and power supply are functioning correctly. Inspect the red LED on the motherboard. If the motherboard LED is not illuminated, it requires replacement.
6. Verify whether the SQ Touch can successfully connect to the target (even if the target's screen is off). If a connection is established, proceed to step 5; if not, advance to step 7.
7. Verify that the display cable is securely connected at both ends.
8. Update the firmware to a new SD card on the computer board (refer to the specific maintenance procedure). If the SQ Touch fails to connect properly following this procedure, the motherboard must be replaced.



- The target and tablet are powered on, yet the connection icon displays a red cross. 

If you have a wired installation, ensure that the RJ45 connectors are securely attached.

Verify the connection settings for the SQ App/Target on page 38.

3Verify that the SQ application and the target are running compatible versions (in X.X.X format).

The software version of the target can be found in the bottom left corner of the screen.

The application version can be found in the bottom left corner of the homepage.

The initial two numbers must be identical (e.g., Application v2.0.1 and Target Software v2.0.0).

If the versions are incompatible, please update the target application or firmware.

Should the issue continue, please reach out to our support service.

Impact not observed

1. Ensure that there is no "parasite impact" notification displayed on the App icon 

It is essential to reapply a small quantity of silicone oil to the exterior surface of the impact plate.

3. Verify that the measuring plate connector is properly attached to the electronic board.

4. Should the issue continue, please reach out to our support service.



- You are encountering a connectivity issue between the target and the tablet.
- The tablet fails to display your shots, whereas the target appears to function flawlessly.

Power down your entire system.

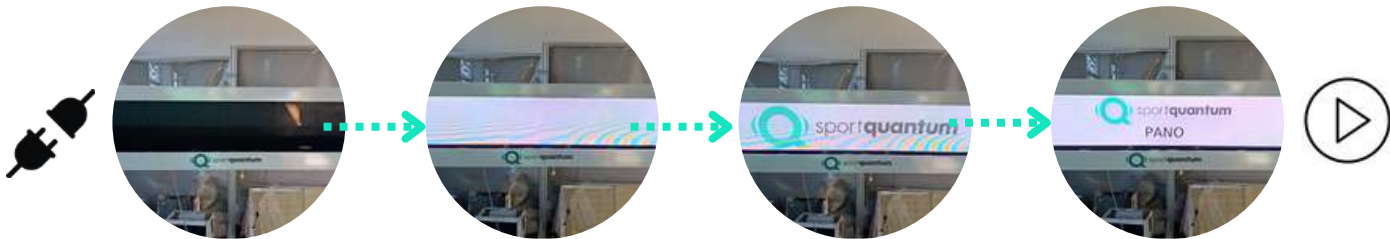
SQ PanoramiQ Target: Disconnect your target, as turning it off through the tablet activates sleep mode.

SQ Touch Tablet: Since the tablet operates on battery power, it is essential to turn it off completely by pressing and holding the power button.

Then, reactivate your system in the subsequent order...

Initially, the SQ PanoramiQ target illuminates in white, followed by the appearance of the Sport Quantum logo. Once your SQ PanoramiQ target shows the Sport Quantum logo, you may reactivate the SQ Touch tablet. When the Sport Quantum logo diminishes and the name of your target appears (PANO in this instance), the tablet is successfully connected.

If the issue continues after following these steps, please reach out to local support.

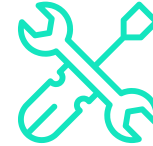


# Maintenance





# Recommended maintenance protocol



To ensure the optimal performance of its Products, the Customer agrees to adhere to the specified maintenance procedures:

- The surface of the product's impact plate should be cleaned with silicone grease monthly or after every 2,500 shots, utilizing a cloth or absorbent paper. Avoid using mineral oil or spray!
- The pellet container should be emptied roughly every 5,000 shots.
- Regularly verify that there is no dust within the product and clean it at least biannually.
- Electrostatic phenomena may cause dust to accumulate between the screen and the transparent polycarbonate impact plate. Consequently, it is recommended to unscrew the polycarbonate plate (12 screws) and clean both the polycarbonate plate and the screen using a product designed for cleaning television or computer screens.
- Once annually, the target should be cleaned with a compressed air spray designed for use on computers, cameras, or other electronic devices.
- Avoid using acetone on the polycarbonate plate.
  - Update solutions whenever SPORT QUANTUM disseminates information.
  - Non compliance with maintenance regulations may result in accelerated deterioration of the products and, most importantly, the forfeiture of the warranty.



# Guarantee





## Guarantee



SPORT QUANTUM guarantees that all products delivered will be devoid of any physical and manufacturing defects under normal use and service for a duration of two (2) years from the date of delivery.

If a product is found to be defective, SPORT QUANTUM or the local distributor may choose to either replace it with a product of at least equivalent quality or repair it using refurbished or new spare parts, as deemed appropriate by the company or the distributor.

The customer must provide SPORT QUANTUM with the requisite time and opportunity to perform the repair or replacement.

This warranty is valid only if the original invoice, which indicates the date of purchase, the type of product, and, where applicable, the name of the distributor, is included with the defective product.

SPORT QUANTUM retains the right to decline the execution of a complimentary repair if the requisite documents are absent, incomplete, or illegible.

The warranty is invalid in the circumstances outlined in the General Conditions of Sale. Additionally, the warranty does not extend to components subject to normal wear and tear, as detailed in the general conditions of product use.

Warranty Extension If the Customer opts for an annual warranty extension, the Warranty and Repair Conditions remain entirely valid, with the sole exception of the warranty duration.

### The duration of the warranty is:

For new products: Two (2) years from the date of collection by the carrier.

For repaired products: Six (6) months on repaired products and on replaced spare parts, commencing from the date the carrier collects the repaired products.

In the context of a subscription and for the "continuous" delivery of Solutions: at any point during the subscription term.



# Management deficiencies during the warranty period



The Service and Support form is available for download at <https://sportquantum.com/support/contact/> and must be properly filled out and attached to any defective item.

Diagnostic fees may be imposed on the customer if the form is not submitted.

- During the warranty period, SPORT QUANTUM or the local distributor will coordinate transportation at their discretion.
- SPORT QUANTUM will bear the expenses associated with the repair and return of the item to the customer, provided that the defect falls within the warranty coverage.
- If the defect is not covered by the warranty, as outlined in the General Conditions of Sale and the General Conditions of Use for the product in question, the request will be classified as a defect not covered by the warranty. Consequently, the Customer will be responsible for all transport, administrative, and repair costs.



# Out-of-warranty failure management



The Service and Support form is available for download at <https://sportquantum.com/support/contact/> and must be properly filled out and attached to any defective item.

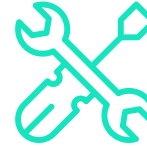
Shipping costs to SPORT QUANTUM or the local distributor, as well as return costs, are the responsibility of the customer.

An administrative fee will be applied to each repair request.

Labor will be billed, and spare parts will be charged at their catalog price at the time of repair.

For any urgent repair requests, please reach out to SPORT QUANTUM or your local distributor.

If no defect is identified, the administrative and diagnostic fees will still be billed to the customer.



Recycling is a crucial process that involves the collection and processing of materials to create new products, thereby reducing waste and conserving natural resources. It plays a significant role in promoting environmental sustainability and minimizing the impact of human activities on the planet. By participating in recycling efforts, individuals and communities contribute to a circular economy, where materials are reused and repurposed, ultimately leading to a healthier ecosystem. SPORT QUANTUM urges owners of electronic devices to recycle their equipment responsibly when it is no longer required.

### Recycling Information in the European Union

The impact plate and the plastic cover should be disposed of as recyclable waste.



### Essential information regarding batteries and WEEE

Batteries and electrical and electronic equipment bearing the crossed-out wheeled bin symbol must not be discarded as unsorted municipal waste. Batteries and waste electrical and electronic equipment (WEEE) must be handled separately through the collection framework provided for customers to return, recycle, and treat batteries and WEEE.

Where feasible, batteries should be extracted and segregated from WEEE prior to its inclusion in the waste collection stream. Batteries must be collected separately in accordance with the established framework for the return, recycling, and treatment of batteries and accumulators.

SPORT QUANTUM products available in the European Union adhere to the stipulations of Directive 2011/65/EU, which restricts the use of specific hazardous substances in electrical and electronic equipment.

[Declaration of conformity to the CE standard is required.](#)

European Union Conformity



# General Terms of Use





# Rules of Engagement



The Rules of Use outlined below specify the rights and responsibilities of SPORT QUANTUM customers when utilizing a product or solution. It is the Customer's duty to communicate these Rules of Use to all Users of the Products and Solutions and to ensure adherence. In the event of an authorized minor User (under 18 years of age), the Customer must convey these Rules of Use to the individual holding parental authority, who must accept them and ensure that the minor comprehends them.

SPORT QUANTUM reserves the right to amend these Rules of Use periodically. Such modifications will be published on the website [www.sportquantum.com](http://www.sportquantum.com) thirty (30) days prior to their effective date. It is the responsibility of each Customer to remain informed of the current Rules of Use at all times.

To ensure the utmost safety in the use of the Products, the Customer and/or the User must specifically, though not exclusively, ensure that:

The site of product installation and usage complies with the safety standards for sport shooting, in accordance with the prevailing national regulations and the guidelines established by the International Shooting Sport Federation (I.S.S.F.) or the national Shooting Sport Federation where the target is utilized.

All spectators and individuals must remain behind the shooter.

All safety regulations pertaining to the use of weapons must be strictly adhered to.

It is essential to aim directly at the target, ensuring that the weapon is positioned perpendicular to the hanging plane, with the target itself mounted vertically using the adjustment screws. The shot must strike the designated surface, namely the screen.

All users and spectators are monitored by an individual responsible for ensuring adherence to all safety regulations governing the practice of sport shooting, in accordance with the previously mentioned safety requirements.

Furthermore, to mitigate the risk of electrocution, never submerge the cord, plug, or appliance in liquid, and refrain from performing maintenance operations while the equipment is energized.



sport**quantum**

# Inherent Risks of Sport Shooting



SPORT QUANTUM offers electronic targets; however, it assumes no responsibility for their usage, the handling of weapons, or adherence to safety regulations and best practices associated with this sport. Due to its inherent risks, these guidelines must be consistently observed by all participants at all times.

The products are designed for seasoned sport shooters who possess a comprehensive understanding of the regulations and practices of this discipline as established by the International Shooting Sport Federation (I.S.S.F.).

SPORT QUANTUM Customers, along with any other Users of a Product, acknowledge the inherent risks associated with this sport and commit to adhering to all safety regulations relevant to its practice during any use of the Product, regardless of the purpose or location (whether at a Sport Shooting club, in a shooter's residence, or any other venue appropriate for Sport Shooting). Specifically, though not exclusively, it is imperative to ensure that:

Weapons are to be unloaded and secured when not in immediate use.

A loaded firearm is perpetually accessible.

A loaded firearm is consistently aimed at the target.

Minors are required to adhere to the restrictions on access to firearms as stipulated by existing legislation.



# Terms of Use for Enhanced Utilization



To guarantee the optimal performance of the Product and the Solutions, it is essential to adhere to the environmental conditions required for their use, specifically:

In the event of a malfunction, issue, or damage to the Product, the Customer and/or User must immediately disconnect it and contact SPORT QUANTUM After-Sales Service at their earliest convenience.

If the product exhibits any signs of malfunction during operation, disconnect it immediately.

Do not utilize a faulty unit or attempt to repair it independently.

If the device falls or is inadvertently submerged in liquid, disconnect it immediately. Refrain from using it thereafter.

Humidity should be maintained at a reasonable level, ideally below 80%.

The product is not intended for outdoor use.

The product is a precision instrument. It must not endure shocks beyond the impact of the pellets on the polycarbonate plate.

The target power supply and current must remain constant, ranging from 100 to 240 V AC at 50/60 Hz.

# Terms of Use for Enhanced Utilization



- Never aim at the target without the front cover and/or the pellet compartment.
- The product must be hung with care and secured adequately to support the weight of the target over an extended duration, as well as to endure the force of impacts during shooting.
- The front cover must be precisely aligned. If the target cover is compromised, the target should not be utilized.
- The transformer/adaptor housing and the target power cable must consistently be safeguarded against fire.
- In circumstances where high reliability is essential, such as in official competitions, it is highly advisable to utilize a wired connection.
- Under no circumstances should you use the Product for any purposes other than those for which it was intended.



## **Update the SQ-App and the associated software.**



It may be necessary at times to acquire updates or new versions of the Solutions and/or the Product firmware, particularly to rectify any bugs and to accommodate any modifications in the framework established by the ISSF - International Shooting Sport Federation - [issf-sports.org](http://issf-sports.org).

It is the responsibility of the Customer and/or User to ensure they possess the most current version of the SQ Application and firmware. The latest updates are provided by SPORT QUANTUM through all available channels. However, it is recommended to verify the compatibility of the Product's hardware version with the available software versions beforehand.

# Contact





# Customer Support

## Customer support in France

e-mail: [support@sportquantum.com](mailto:support@sportquantum.com) Phone: 09 80 08 70 87

## Beyond France

Please reach out to the SQ Air distributor or SPORT QUANTUM Customer Service.

## Postal

4 rue René Razel  
91400 Saclay, France