



Technical User Manual

Version 2.2 / June 2015

This document covers only the Sqord Booster. For up-to-date information on Sqord software (SqordSync) or our online experience (Sqord Online), please visit our online documentation at <http://www.sqord.com/help>

The Sqord Booster

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Warning / Caution

- The Sqord Booster is intended as a fun device to measure a player's everyday activity. Sqord strongly cautions players to be very careful and focused on safety when undertaking any activity, and not to take on any activity purely as a way to generate Activity Points.
- The Booster is not dishwasher safe.
- The Booster is not intended for inclusion in a laundry machine washer or dryer.

Operation & Use

Activity Captured

The Sqord Booster contains a 3-axis accelerometer which detects the intensity and duration of movement in any direction.

Sqord records this activity in 15 minute increments over a period of 7 days. Activity not Synced after 7 days is added to the player's overall total, but is not assigned to a specific date or time.

Assembly

Insert the Booster into the back of the wrist band. The Booster should fit snugly with no movement, and no obvious deformation of the band.

Getting Started

The Booster is shipped in "sleep" mode. To get started, simply tap it until it blinks. The "S" will blink to indicate that the device is awake and recording your Activity Points.

Account Setup

Though the Booster is recording its wearer's activity even without being connected to a permanent account, a player must set up an account at SQORD.COM in order to login and fully participate in the online experience.

Once a player is in possession of a Sqord Booster, they may go to <http://www.sqord.com/setup> and follow the on-screen instructions.

Note that Sqord is committed to player privacy and security, and all players under 13 years of age will be required to obtain parental consent to participate in some Sqord features and functions.

Full documentation on the online experience is available at <http://www.sqord.com/help>

Wear

The Booster may be worn in the provided band, or in any other location on the body. Sqord recommends wearing the Booster where it will record the most activity. In some cases, that may suggest carrying the Booster in a pocket or wearing it in the band around the player's ankle.

Normal Use

The Sqord Booster is designed to be used in even the most strenuous activities that a player may undertake as part of their everyday activity.

It is highly impact-resistant and IP rated 68, which means it is 100% dust-tight and suitable for use under water at a depth of 1 meter for 30 minutes.

Accuracy

In lab conditions, Boosters record activity within 1% to 3% accuracy and consistency from unit to unit. In real-world conditions, especially when worn by active players, results will vary greatly, and players can expect a range of 10% deviation for activities that are perceived to be identical.

This is due to variances in activity from session to session that may be imperceptible to a human wearer, but that can make a difference to the Activity Points earned - especially when there is high intensity or long duration of activity.

Note that players with shorter stride lengths (typically younger, smaller players) will record more Activity Points for walking the same distance as their older counterparts. This is because they're taking more steps and doing more work to cover the same distance.

Syncing - Mobile App

The easiest method of syncing is by use of the Sqord mobile app, which can be downloaded from the iOS App Store, or the Android Market from a compatible device.

Once downloaded, launch the app. Then simply tap your Booster until it blinks to sync the data it has recorded.

A results screen will appear with your Activity Points and other information displayed.

Syncing - SqordBoard

Players may also sync at any public SqordBoard displayed in their communities.

A SqordBoard can commonly be found in a participating school, community center, library, or business.

Syncing - Desktop/Laptop

It is also possible to sync on a desktop/laptop computer with Bluetooth BLE capability (or a USB connected Bluetooth BLE adapter available through Sqord), using Sqord's SqordSync software.

Visit sqord.com/help for more information on downloading and installing SqordSync.

Bluetooth Transmitter for wireless Sync

- Connecting type: Bluetooth 4.0
- Transmitting Distance: Roughly 3 meters.

Battery/Lifespan

The Booster contains a Lithium coin-cell battery which provides an expected lifespan of 6 months under normal usage conditions.

- Battery: CR2330
- Voltage: DC 3V
- Standby Current: 1.3uA
- Working Current: 65uA
- Lowest Working Voltage: 2.0V
- Capacity: 300mAh
- Battery Working Life: 6 Months
- Operating Temp: -20°C to 60°C
- CE, RoHS, ISO certified
- Environmental-friendly: No Pb, Cd added

Maintenance

The Sqord Booster has a user-serviceable battery that will require replacement after approximately 6 months of normal use.

Simply unscrew the back cover of the Booster, and replace the enclosed battery with a commonly available CR2330 coin cell battery.

Screw the back cover on tightly when closing the unit to assure it remains waterproof.

Cleaning

In the event the Booster must be cleaned, use only soap and water. Avoid chemical solvents, especially thinners, benzene, or alcohol. The Booster is not dishwasher or laundry safe.

Physical Specifications

Length: 32mm

Width: 32mm

Height: 10.5mm

More / Up-to-date Information

For more information, or updates to this information, including FAQs, Videos, and in-depth content please refer to the documentation found at <http://www.sqord.com/help>.

Contact

Please contact Sqord with any questions or comments for a prompt response at hello@sqord.com

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FCC Statement

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.

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.

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Sqord, Inc. may void the user's authority to operate the equipment.

Shielded cables must be used with the SyncStation to ensure compliance with the Class B FCC limits.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

365 Day Limited Warranty

Sqord, Inc. ("Sqord") warrants the Sqord electronic device (the "Product"), and the wrist band , against defects in materials and workmanship under normal use for a period of ONE YEAR (365 days) from the date of first "sync" activation by the user ("Warranty Period"). Sqord also warrants the Sqord base station against defects in materials and workmanship under normal use for a period of ONE YEAR (365 days) from the date of first use. Under this Limited Warranty, if a hardware defect arises and a valid claim is received by Sqord within the Warranty Period, at its option and to the extent permitted by law, Sqord will either (1) repair the Product at no charge, using new or refurbished replacement parts or (2) exchange the Product with a new or refurbished Product. In the event of a defect, to the extent permitted by law, these are your sole and exclusive remedies. This Limited Warranty is valid only in the United States for Products sold in the United States.

A replacement Product or part assumes the remaining warranty of the original Product or one year (365) days from the date of replacement or repair, whichever is longer.

When a Product or part of the Product is exchanged, any replacement item becomes the property of the purchaser or the recipient of the Product (at purchaser's discretion), and the replaced item becomes Sqord's property. Parts provided by Sqord in fulfillment of its warranty obligation must be used in Products for which warranty service is claimed.

Instructions to Obtain Warranty Service: To obtain warranty service, you must deliver the Product in either its original packaging or packaging providing an equal degree of protection, to the "Sqord Coach" at a designated local Snohomish County, Washington, address specified by Sqord. In accordance with applicable law, Sqord may require that you comply with registration requirements before receiving warranty service. For specific instructions on how to obtain warranty service on your Product, visit the Sqord website (www.sqord.com/help.php)

Exclusions and Limitations. This Limited Warranty applies only to the Product manufactured by or for Sqord that can be identified by the "Sqord" trademark, trade name, or logo affixed to it; and to the Base Station and USB connector, and to the wrist band furnished with the Product. The Limited Warranty does not apply to any (a) other Sqord products or (b) non-Sqord hardware products. Refer to the licenses accompanying the software for details of your rights with respect to its use.

Sqord does not warrant that the operation of the Product will be uninterrupted or error-free. Sqord is not responsible for damage arising from failure to follow instructions relating to the Product's use.

This warranty does not apply to a Product or part of the Product that has been altered or modified (e.g., to alter functionality or capability) by anyone who is not a representative of Sqord or if the Product is inserted or installed in a casing not provided by Sqord. In addition, this Limited Warranty does not apply: (a) to damage caused by use with non-Sqord products; (b) to damage caused by accident, abuse, misuse, flood, fire, earthquake or other external causes; (c) to damage caused by operating the Product outside the permitted or intended uses described