



# VersaEye<sup>TM</sup>

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**Model VE-1**  
**Manual: English**



DOC100326v100

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## Versa Support

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## Document Version

DOC100326v100 · 06/05/2025

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# Safety Guidelines

## Emergencies

- ⚠ The product is not intended to be an emergency call device or sole communication aid.

## Contaminants

- ⚠ To prevent ingestion of bacteria, dust, and dirt, do not allow the user to chew on the product.

## Cleaning, Maintaining, and Servicing

- ⚠ Do not attempt to disassemble, service, or repair the product. Only a technician will be able to disassemble the product and replace a part. If a product component or accessory is damaged, call Service for assistance.
- ⚠ Use a microfiber (lint-free) cleaning cloth to wipe the product. Never use abrasives or coarse cleaning cloths.
- ⚠ If the product needs more than a dry wipe-down, dampen this cloth or another lint-free cloth. Damp means wrung out, never dripping. Dry the product thoroughly with a dry lint-free cloth.
- ⚠ VersaEye: If the transparent area gets smeary or visibly dirty, place a small amount of rubbing alcohol on a lint-free cloth and gently wipe it. Polish the area with a dry part of your cloth.

## Accessories

- ⚠ Do not use accessories, detachable parts, or materials not described in the instructions for use.
- ⚠ Do not use accessories, detachable parts, or materials in any other way than described in the instructions for use.

## Small Parts, Cords, Cables, and Straps

- ⚠ Cords, cables, and straps are potential entanglement or strangulation hazards. Please consider this prior to placing these items with users.
- ⚠ On a regular basis, visually inspect cables, cords, and connectors for damage or wear, especially where they are subject to extra stress. Cables and cords can become frayed or damaged from heavy use or with age. For example, a frayed cable could cause a battery charger/power adapter to short-circuit, posing a hazard to the user.
- ⚠ When unplugging a cable or cord, grasp the connector instead of the cable or cord itself to avoid damage or wear.
- ⚠ Always use cables according to the instructions for use.
- ⚠ Small parts could present a choking or other hazard.

## Charging

- ⚠ Disconnect the charger when it is not in use to prevent overheating or a fire hazard.
- ⚠ While the product is charging, keep it away from flammable liquids or combustible materials.
- ⚠ Disconnect the charger when it is not in use to prevent overheating or a fire hazard.

## Storage

- ⚠ Store the product away from anything that could ignite, including flammable liquids, combustible materials, and direct sunlight.

## Interference

- ⚠ Keep the product at least six inches from magnetic-sensitive implantable medical devices such as a pacemaker, implantable cardioverter defibrillator, vagus nerve stimulator, shunt, or stent.
- ⚠ When operating this product in a medical environment, do not use it with any product that is not medically approved. Follow all rules for appropriate wireless product use.
- ⚠ Do not use the product close to sources of RF/RFID radiation or you may encounter interference. Move away, if possible, from the source of the interference.

## Water

- ⚠ This product is intended for use in normal situations. It is not waterproof. Do not immerse it in water. Do not spray or splash liquid directly on it and use extreme caution when using it around water. Never use the product when you are actually in the water (for example, a pool or bath).

## Heat

- ⚠ Do not place the product in an appliance such as a microwave or oven, near an open flame, or on or near a source of heat such as a stove or heater.
- ⚠ Do not leave the product in a hot vehicle for a prolonged period.

## Damage and Wear

- ⚠ Do not use the product or any accessory that is cracked or broken.
- ⚠ On a regular basis, visually inspect the product for wear or damage.
- ⚠ Do not leave the product on an unstable surface from which it could fall and injure the user.

## Environment

- ⚠ Do not use the product in an environment in which explosive or flammable gases could be present.
- ⚠ Do not take the product into an oxygen-rich environment (operating room, oxygen tent, etc.).
- ⚠ A hot environment can limit or stop batteries' ability to charge.
- ⚠ Dispose all electronic components according to local regulations.

## Volume/Hearing

- ⚠ Keep volume levels low to prevent hearing damage. Prolonged exposure to high volumes can cause permanent hearing damage. A person can become desensitized over time to high volume levels which could be impairing hearing.
- ⚠ Prolonged exposure to loud sounds can lead to tinnitus. Stop using the product if the user experiences ringing or buzzing in the ears.
- ⚠ To set volume to a safe level, adjust the volume to a low setting and then slowly increase the sound until the user can hear it comfortably and clearly.

## Attaching Versa Products

- ⚠ Be sure to follow the Safety Guidelines and instructions if you attach a VersaEye or VersaSpeaker to a VersaWrap. Failure to install products according to the instructions may result in an injury to the user.

## VersaEye: Mounting and Positioning

- ⚠ Any mounts used should be fitted by a qualified person. Failure to install the mounting system according to the manufacturer's instructions may result in an injury to the user. Be certain that the user's view is not obstructed by the mounting.
- ⚠ Analysis of positioning by a qualified person is required to prevent repetitive stress injuries to the user.
- ⚠ Consult your vision care provider about product positioning for the user.

### **VersaEye: Fatigue**

- ⚠ While the user is getting used to eye tracking, take frequent breaks to rest the user's eyes and relax his or her concentration.
- ⚠ Some people may experience a certain amount of fatigue (due to intentional eye focusing and hard concentration) or even a dryness of the eyes (due to less frequent blinking) when first getting used to eye tracking. If you are experiencing fatigue or dry eyes, start off slowly and limit the length of your eye tracking sessions to your comfort level. Moisturizing eye drops can be helpful to combat dryness.

### **VersaEye: Seizures**

- ⚠ Some people may have epileptic seizures triggered by light flashes or patterns. This may occur while presented successive pictures or video material, even if they have never had a seizure before. Observe the individual using the product. Move the person away from the system immediately and consult a physician if the individual shows the following or similar symptoms: involuntary movements, disorientation, convulsions, loss of awareness, or altered vision.

### **VersaEye: Infrared Emissions**

- ⚠ Your eye tracking system uses infrared (IR) technology. Certain medical devices are susceptible to disturbance by IR emissions. Do not use the eye tracking system when in the vicinity of such susceptible medical devices. If you have questions about the susceptibility of a medical device, consult the manufacturer of the medical device or your health care provider.

### **VersaEye: Implantable Medical Devices**

A minimum of six (6) inches should be maintained between a wireless product and an implantable medical device, such as a pacemaker, implantable cardioverter defibrillator, vagus nerve stimulator, shunt, or stent, to avoid potential magnetic interference with the medical device. Persons who have such devices:

- Should ALWAYS keep the product a minimum of six (6) inches from their implantable medical device;
- Should not carry the product in a breast pocket;
- Should move the product away from themselves immediately if there is any reason to suspect that it is interfering with the implantable medical device;
- Should read and follow the directions from the manufacturer of the implantable medical device. If you have any questions about using the product with an implantable medical device, consult your health care provider.

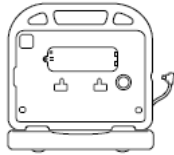
### **VersaWrap: Apple AirTag (sold separately)**

- ⚠ If you attach an Apple AirTag® to keep track of personal items from the VersaWrap, the AirTag poses security risks. Go to <https://support.apple.com/en-us/119874> and read the article "What to do if you get an alert that an AirTag, set of AirPods, Find My network accessory, or compatible Bluetooth location-tracking device is with you".
- ⚠ If you attach an Apple AirTag to your VersaWrap, the AirTag, battery cover, and battery are potential choking hazards, especially to small children.

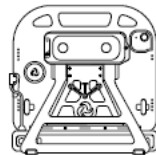
# VersaEye System Overview

The VersaEye™ eye tracking system tracks eye movement, allowing individuals with restricted muscle control to fully access communication software. VersaEye uses the camera on the Hiru eye tracking module by IRISBOND to translate the individual's eye movements into pointer movements and activations/selections on the screen of the individual's iPad®. The eye tracking module attaches to the iPad, which can then be mounted to a wheelchair or table stand.

**VersaEye Front View**





**VersaEye Back View**






**VersaEye Charger**





## VersaEye Power Button and LEDs

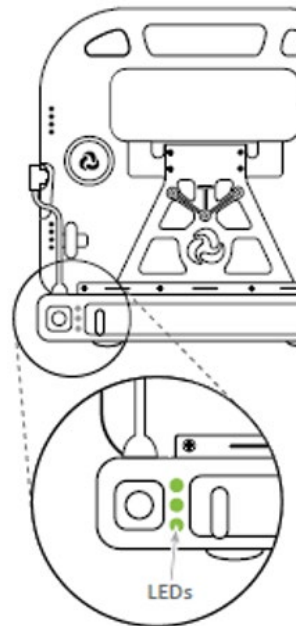
-  1 green LED: Powering ON
-  1 red LED: Powering OFF

### **Battery status:** Tap

-  All 3 LEDs lit if 60% or higher
-  2 LEDs lit if below 60%
-  Only 1 LED lit if below 30%

### **Charging**

-  1 LED flashing: charging
-  1 LED solid: fully charged



# Cleaning and Disinfecting

To get the most from your Versa product, keep it clean and disinfected.

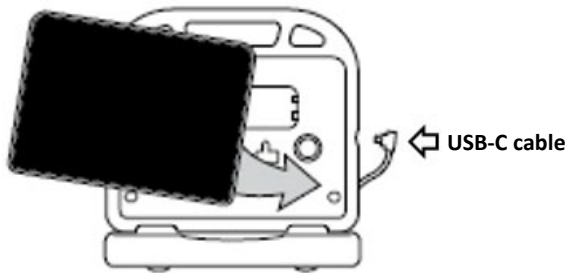
1. Turn off all attached equipment.
2. Wipe with a soft, lint-free cloth slightly dampened with water.  
**Important:** Do not spray or splash liquid on the equipment or immerse it in liquid.
3. Dry with another soft, lint-free cloth.
4. Moisten a clean cloth in a solution of 1/4 cup of vinegar and 1 cup of water.
5. Wipe down all surfaces and clean inside all cracks and corners.  
**Important:** Do not use vinegar and water on any display or lens (if applicable).

## If more than one person uses the product:

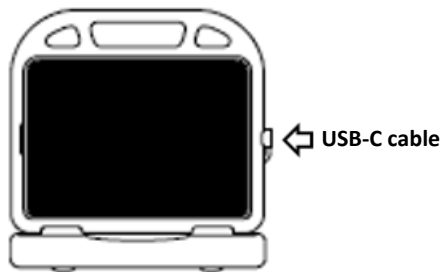
1. Wipe down the product with disinfectant wipes (Virucidal, Bactericidal, Pseudomonacidal, Tuberculocidal, Fungicidal)—Metrex CaviWipes™.
2. Clean inside all cracks and corners and wipe more than once if necessary to keep the product wet for at least three minutes.
3. Allow the product to dry.

## Connect VersaEye to an iPad

1. Set the bottom of the iPad at angle and insert the right corner.



2. Press the left bottom corner into place.
3. Carefully work the upper right corner of the iPad into the case, followed by the upper left corner.
4. Insert the USB-C cable from the VersaEye into the USB-C port of the iPad.



5. Start your iPad.

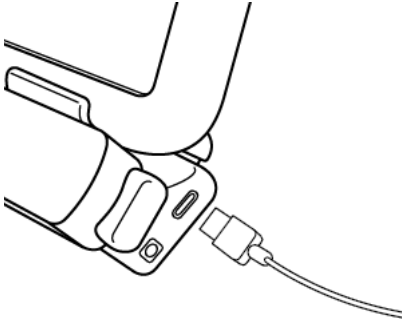
# Set up Eye Tracking

1. Connect to Wi-Fi®.
2. Open the App Store® and search for **IRISBOND Hiru**.
3. Select **GET**.



**Important:** Do *not* select Open yet.

4. Connect the charger to the VersaEye port. This will charge the VersaEye batteries and your iPad.

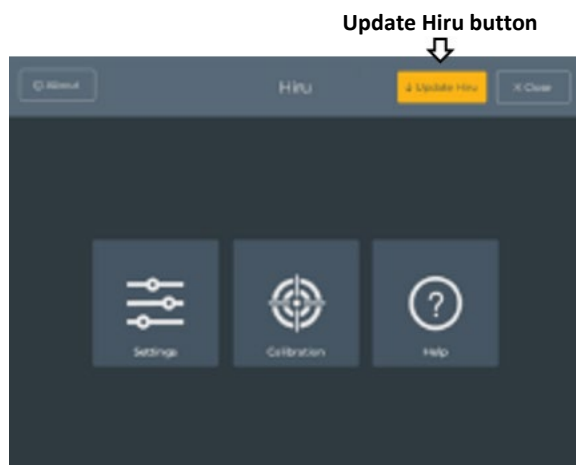


- ⚠ While the device is charging, touching the surface of the device with broken skin may aggravate a wound.
- ⚠ While the device is charging, infants or high-risk groups should not touch the surface of the device if there is a chance of burning the skin.

5. Turn VersaEye on by holding the power button for three seconds.
6. Select **Open**.



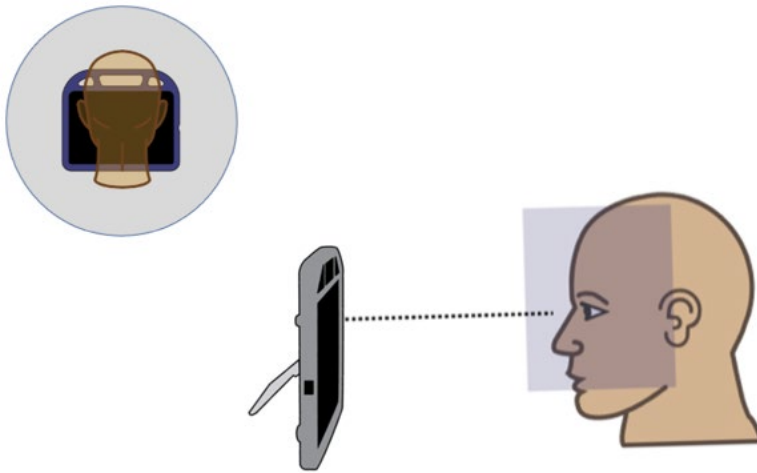
7. The Hiru app opens.



8. If the yellow **Update Hiru** button appears, go to the iOS **Settings**, select **Display & Brightness**, and set Auto-Lock to Never during updates.
9. Return to the Hiru app, select **Update Hiru**, and proceed with the update.
10. When the update is complete, restart the iPad and VersaEye module.

## Position the User

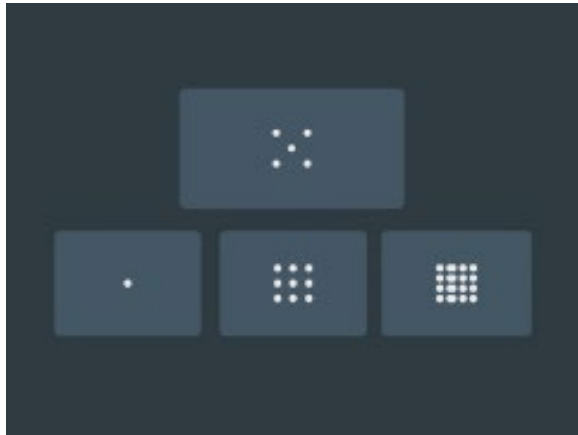
- ☑ Analysis of positioning by a qualified person is suggested to ensure proper use and setup of the Hiru module.
- ☑ The user's eyes should be looking into the upper third of the screen.



- ☑ Position the user approximately 20-22 inches (51-56 cm) from the device screen. Actual distance may vary from user to user or if you wear glasses.
- ☑ If the camera sees your pupils (which are used for tracking) the white light will appear on top of the module. If you look around the screen, this light should remain stable and always lit you are using the Hiru module. If you see flicker with this light, adjust your positioning.
- ☑ If someone is sitting beside the user, try to position the device to face the user as much as possible. If the camera detects the other person's eyes, the eye tracking system will choose whichever eyes it sees most clearly.

## Calibrate Eye Tracking

The number of Calibration Points determines the number of stimulus points you will look at during calibration. The more points you follow accurately, the more accurate control the user will gain over more of the screen.



## Adjust Smoothing

Smoothing changes the sensitivity of the cursor.

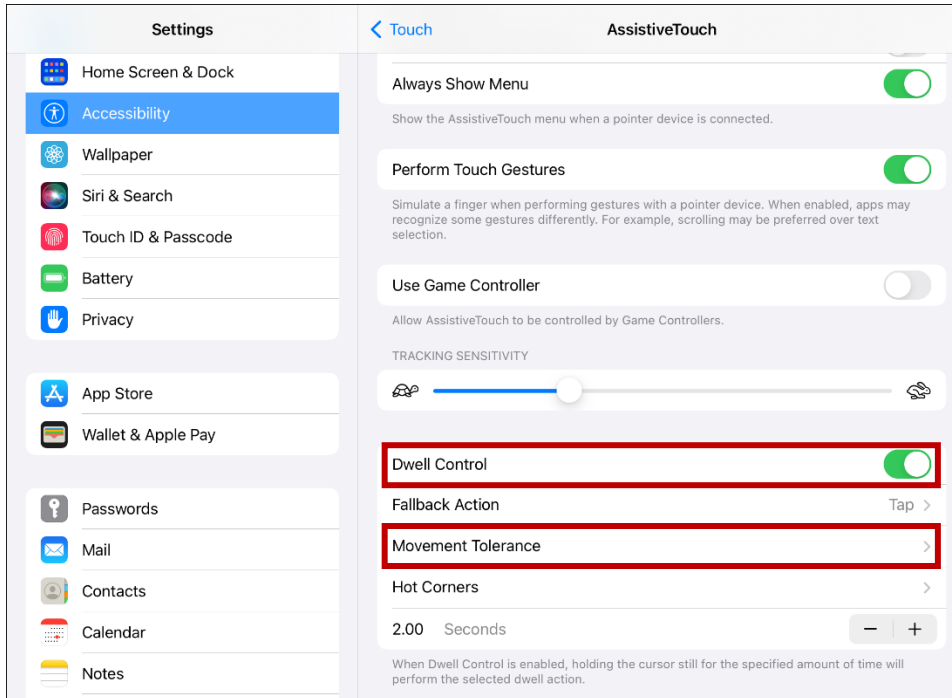
- Lower values will be more sensitive to eye and head movements.
- Higher values will be less sensitive to eye and head movements.



# Make Selections with iOS Dwell Control

When you turn on Dwell Control in the iOS Settings, holding the cursor still on an item for a specified time selects the item.

1. Go to the iOS **Settings** and select **Accessibility** > **Touch** > **AssistiveTouch**.
2. Turn on **Dwell Control**.

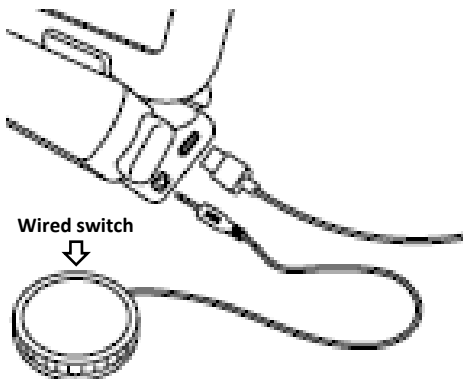


3. Select **Movement Tolerance** and adjust the distance the cursor can move while dwelling on an item.
4. Adjust **Dwell Time**.

# Make Selections with a Switch

You can use a Bluetooth® wireless switch or a 3.5 mm wired switch to make selections.

1. Connect a wireless switch to the VersaEye module via Bluetooth or plug a wired switch into the 3.5 mm port in the module.



2. Move the cursor to the item you want using your eyes.
3. Activate the switch to tap, double-tap, or hold and drag.

# Specifications

## Hiru Module Specifications

For complete Hiru eye tracker module specifications, go to <https://www.irisbond.com/en/support-service/user-manuals-and-guides/> and see the Hiru Eye Tracker Quick Start Guide for iOS devices or the Hiru Eye Tracker User Manual.

## VersaEye Specifications

### Compatible with iPadOS 17 and above on:

- iPad Air (5th Gen or later)
- iPad Pro 11-inch (3rd Gen or later)
- iPad Pro 12.9-inch (5th Gen or later)

### Weight

1.85 lbs.

### Dimensions

2 in. x 11.7 in. x 2 in.

### USB connector

USB-C

### Ports

3.5 mm external switch jack for accepting wired switch input

### Battery life

7 hours

### Ambient temperature

5°C to 40°C (41°F to 104°F)

### Standard components

Hiru eye tracker module, cradle, charger

# Compliance Information

## Federal Communications Commission (FCC) Warning

This module complies with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) this module may not cause harmful interference, and (2) this module must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this product not expressly approved by PRC-Salttillo could exceed FCC limits and negate your authority to use this product.

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.

## Innovation, Science and Economic Development Canada (ISED) Warning

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux Innovation, Sciences et Développement économique Canada ( ISDE ) applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Intended Use

For an individual with speech/language impairment, the product is intended to work with the individual's personal iPad to enable full access to augmentative and alternative communication (AAC) software. The product is designed to work seamlessly with AAC programs that give the user the ability to initiate conversation, seek information, state opinions, and share feelings. The product is designed for versatile configurations that can provide touch access or eye tracking; allow the individual to carry the product; or allow the individual to mount the product on a table stand or a wheelchair—as applicable to the individual's needs.

## Materials

The product does not incorporate in any way medicinal substances, human blood or plasma derivatives, nor is it manufactured using tissues of animal origin. The product has been tested and found to contain levels of prohibited substances below the established thresholds.

## Expected Service Life

The expected service life of the product is three years.

If you dispose of your product, please dispose of it in accordance with your local, state, and/or country electronic recycling laws.

## Intended Operators

In general, an ordinary person, children likely present, instructed person, skilled person; teen or adult. Specifically, the individual using the product to communicate, the individual's communication partner, and/or the person changing product settings, maintaining software files, etc. are the intended operators. Children under 12 need adult supervision while using the product.

## Expected Position of Operators

If the product is connected to other Versa products, its distance from the user will vary according to whether the products and mounting.

## Special Skills, Training, or Knowledge Required

No special skills or training are required to operate or maintain the product. The pictures and text in the instructions for use will help the operator acquire the knowledge to achieve the intended use of the product.

## Instructions for Use

- All functions of the product are safe for use by the user. For best results, follow the instructions provided with the product.
- For instruction on proper mounting of components, see the instructions for use provided with the product.
- For information on cleaning the product, see "Cleaning, Maintaining, and Servicing" under "Safety Guidelines".

## Contact Information for Assistance
























If you need assistance in setting up, using, or maintaining the product or if you need to report unexpected operation or an unexpected event related to the product, please contact [versasupport@prc-salttillo.com](mailto:versasupport@prc-salttillo.com) or visit [prc-salttillo.com/versa](http://prc-salttillo.com/versa). For products purchased directly from Amazon, contact Amazon for support. To report any serious incident associated with the product, also contact your national authority.

## Instructions for Storage

If you will be leaving the product in storage for a long period of time, be sure to turn all equipment off. Products with batteries in storage must be charged every six months.

## Explanation of Symbols

This section explains all symbols that appear on all PRC-Salttillo products or packaging. To find an explanation for any symbol that appears on the product, scroll down through this table until you find it.

Symbol	Explanation
	The product is Federal Communications Commission (FCC)-compliant.
	The product conforms to European Union health, safety, and environmental standards.
	The product conforms to the requirements of the UK MDR 2002.
	The product complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s).
	The product complies with applicable ACMA technical standards for telecommunications, radiocommunications, EMC, and EME.
	Caution! Use caution when operating the product to avoid undesirable consequences.
	The product emits generally elevated, potentially hazardous, levels of non-ionizing electromagnetic radiation.
	Recycle electronic equipment. Do not throw the product in the trash.
	The product is protected against solid objects 12.5 mm and greater and water dripping vertically at up to a 15-degree angle.
	Keep dry. The product needs to be protected from moisture.
	The range of temperatures to which the product can be exposed while in use or while in transport or storage. Caution: If the product has been stored in an environment in which the temperature range is different from the range of temperatures to which the product can be exposed while in use, let the product stand for at least 30 minutes before using it.
	The range of humidity to which the product can be exposed while in use.
	The range of atmospheric pressure to which the product can be safely exposed while in use, transport, or storage..
	Follow the instructions for use. Refer to the instruction manual.
	Consult the instructions for use.
	The product employs Bluetooth wireless technology.
	The product model number.
	The product serial number.
	The date of manufacture of the product and the name and address of the manufacturer.
	Indicates a medical product.
	The authorized representative in Switzerland.
	The authorized representative in the European Community.
	The responsible person in the United Kingdom.

# International Contact Information



## **Manufacturer**

Prentke Romich Company  
1022 Heyl Rd  
Wooster, OH 44691  
USA  
Tel.: +1 330 262-1984 · +1 800 262-1984  
Fax: +1 330 262-4829  
Email: [info@prentrom.com](mailto:info@prentrom.com)  
Web: [www.prc-salttillo.com/](http://www.prc-salttillo.com/)



## **EU Authorised Representative**

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Germany  
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Fax: +49 (0) 561 7 85 59-29  
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Web : [www.prentke-romich.de/](http://www.prentke-romich.de/)



## **EU Importer**

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D-34117 Kassel  
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Fax: +49 (0) 561 7 85 59-29  
Email: [info@prentke-romich.de](mailto:info@prentke-romich.de)  
Web : [www.prentke-romich.de/](http://www.prentke-romich.de/)



## **UK Responsible Person and Importer**

Liberator Ltd  
"Whitegates", 25-27 High Street  
Swinstead, Lincolnshire NG33 4PA  
UK  
Tel.: +44 (0) 1733 370 470  
Fax: +44 (0) 1476 552 473  
Email: [info@liberator.co.uk](mailto:info@liberator.co.uk)  
Web: [www.liberator.co.uk/](http://www.liberator.co.uk/)

## **Authorised Representative in Australia**

Liberator Pty Ltd  
265, Gilbert Street,  
Adelaide,  
SA 5000  
Australia  
Tel: +61 (0) 8 8211 7766  
Email: [info@liberator.net.au](mailto:info@liberator.net.au)  
Web: [www.liberator.net.au/](http://www.liberator.net.au/)