

Dashboard Manager

ONBOARDING MANUAL





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GETTING STARTED

Each Box Contains

- 1 electric wearable voltage alert wristband
- 1 induction charging dock
- 1 charging cord
- 1 quick start guide

⚠ ATTENTION

- Proxxi Band is not designed to replace any step in existing safety procedures; it helps detect human error in everyday work processes.
- The wristband is not intended to replace any existing safety requirements or processes. • Proxxi by Grace should be used to suitably trained personnel (qualified or unqualified).
- Proxxi Band is a proximity sensor; never contact energized equipment.
- If Proxxi by Grace system is used without fully understanding the interface and limitations, serious injury can occur.
- The wristband is analyzing the AC waveform and it will not alert for DC voltage.
- Verify if your wristband is 60Hz vs 50Hz, and ensure that it is appropriate for your environment.
- Variable frequency drive (VFD) sources may not read as expected when they are at low Hz.
- Static may produce false alarms.
- Proxxi Band's detection will be impacted by situations that result in energized equipment producing a weaker field, such as: 3 phase equipment, grounded equipment, equipment that is close to the ground, and when gear is wet.
- Use only on the wrist; do not attach wristband to other equipment or to a hot stick.

USING THE PROXXI BAND

Charging

- Plug the power adapter into an appropriate outlet.
- Connect the power adapter to the charging cradle and set the wristband into the cradle to charge.
- A full charge takes approximately 4 hours, and the charge lasts 30 + hours (depending on use).



When to Use the Wristband

Use the wristband on the default or other voltage setting for:

- Any environment where the equipment should be de-energized or is presumed to be electrically safe.
- When intending to stay outside of the restricted approach boundary of live equipment.

Mute the wristband or do not wear it for:

- Work on known live sources (ex. live work, testing, troubleshooting).
- When not performing work around potentially hazardous sources (ex. at home, at the office, during breaks, while commuting).



Wearing the Wristband

- Wear your wristband on the wrist of your dominant hand.
- When wearing your wristband, ensure that there is skin to wristband contact (do not wear on top of a sleeve for example).
- Customize by cutting off extra strap length following the score marks.
- Be sure to leave enough length to fit comfortably.
- Use the keeper loop to secure the strap.
- If quick release is required, do not use the keeper loop.

PROXXI BAND SETTINGS

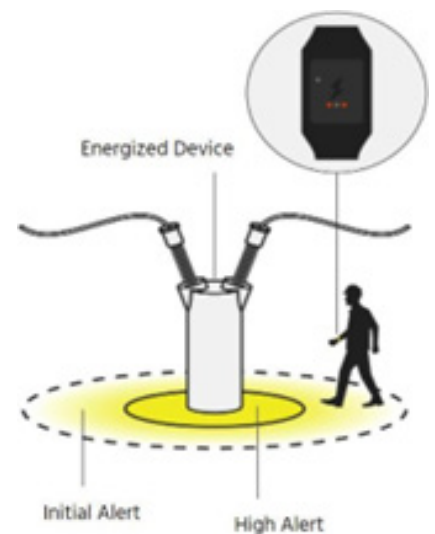
Alert Types

Initial Alert:

- Entering the initial alert zone triggers all of Voltage's sensory alerts (light, sound, vibration).
- Alerts increase in rate as the user moves closer to energized device.

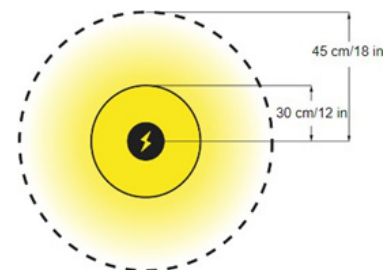
High Alert:

- The wristband alerts at its highest rate once the user moves closer to the energized source, into the high alert zone.
- Alerts will continue until the wearer moves sufficiently away from the energized device.
- The high alert occurs at the restricted approach boundary of your chosen setting.



Default Settings

- Voltage's default is set to alert at the appropriate distance from a 480V source. On this setting, it will emit an initial alert at the equivalent electrical intensity to 480V at 18in/45cm*.
- The wristband does not know the voltage of the equipment or the distance from the energized source.
- The wristband will alert at further distances for higher voltage equipment and closer distances for lower voltage equipment.
- Settings are adjustable in the app.



**Initial alert distances are applicable for wristbands shipped after 2023-05-19. Wristbands shipped prior to this date will perform the initial alert on the default 480V setting at 2ft/60cm unless it has been otherwise requested by the organization*

Custom Settings

If your organization is using custom settings, refer to the online guide for installation instructions:

<https://support.proxxi.co/installing-custom-settings>

Tap-to-Mute

- When you tap the wristband with an open palm twice in a row, the wristband will enter a mute state for 1 hour.
- While muted the wristbands will not provide any alerts when nearing energized equipment.
- Tap-to-mute is disabled while the wristband is actively alerting.
- You must move away from the energized source to proceed with tap-to-mute.
- At the end of 1 hour, the wristband will automatically unmute.
- If unmuting is required before the end of the hour, you can tap twice with an open palm to unmute.
- The wristband can be muted and unmuted using the mobile app.



WRISTBAND AND CHARGER INTERFACE

Wristband Notifications (Lights, Sound, and Vibrations)

Note: the below represents v23.016 and above. Previous firmware versions may have different notifications

Electric Field Triggers:

Exceed initial alert threshold	Intermittent flash of status indicator lights, vibration, and beep
Exceed high alert threshold	Persistent flash of status indicator lights, vibration, and beep

Battery Status:

Wristband on	Battery indicator flashing (any color)
Battery 40-100%	Battery indicator flashing green
Battery 10-39%	Battery indicator flashing amber
Battery <10%	Battery indicator flashing red
Critical battery state (<5%)	Single beep

Charge Status:

Charging engaged	Double vibration
On Charge (<5%)	Battery indicator is solid red
On Charge (6-99%)	Battery indicator blinks amber-green every 5 seconds
On Charge (100%)	Battery indicator is solid green

Mute and Voltage Settings:

Wristband in mute state	Slow alternating flash of status indicator lights
Mute via tap	Single beep
Unmute via tap	Single beep
Setting changed (higher than default)	Short double vibration
Setting changed (lower than default)	Short triple vibration
Return to default	Short double vibration
New default setting (custom settings)	Double vibrate

Charging Cradle Notifications (Lights)

Charger connection to wristband is stable	Charger LED solid white
Charger connection to wristband is unstable	Charger LED flashing white
Charger not is connected to either wristband or power	Charger LED off

THE PROXXI MOBILE APP

Downloading and Pairing with the App

The Proxxi app is available for iOS and Android

- Search “Proxxi - Voltage” in your mobile devices app store.
- To pair you will need the 4 digit code on the back of your wristband and your mobile phone number.



ANDROID



iOS

Using the Mobile App

Proxxi Band can work independently from the app but using both in conjunction is recommended

- An internet connection is required for data syncing.
- A cellular connection is required for login.
- Bluetooth is required for all interactions.

The Home Screen

From the home screen of the app you will be able to view details including:

- Current battery levels and sync status of the wristband.
- Current voltage detection mode (and alerting parameters) for the wristband.

You are also able to test wristband alerts, triggering the wristband to flash, vibrate, and beep.

Wristband Details

In the Wristband section of the mobile app you will be able to view additional information about the Proxxi Voltage Wristband. You can also:

- Pair and unpair your wristband from the app.
- Power down the wristband.
- Update the wristband firmware.

Note: Powering down the wristband fully disables all wristband communication. To turn back on the wristband, the user will need to put the wristband on charge for a few minutes.

Adjusting Alerts

In the Alerts section of the mobile app you can adjust the voltage sensitivity of the wristband. The settings are configurable but the pre-loaded settings are based on Limits of Approach as defined in NFPA 70e.

We recommend that you select a voltage environment that is at or below the environment that you expect to be working with.

Each time you change the voltage settings you will be asked to set the amount of time you'll be working in that environment. This is to ensure that you can't accidentally leave the wristband's sensitivity set to an environment that isn't aligned with your next workplace.

At the end of the timer, the wristband will always return to the default for maximum protection.



Muting Alerts

Note: only mute alerts when it is safe to do so.

- Muting is recommended if you are not performing electrical work (during your commute or when in an office environment) to avoid nuisance alerts.
- All work safety procedures must continue to be followed.



Contacting Support

If you are experiencing any issues with your wristband or your app, or want to know more, you can always select the support button (?) in the top right corner.

From here, you can visit our online support center to learn more or troubleshoot your problem, or create a ticket for our team to review.

PROXXI HUB APP

The Proxxi Hub App allows the user to manage their organization's Proxxi Band devices without putting the onus on their team. With the app, the user can sync wristband data and update firmware on multiple Proxxi Bands at the same time.

The user does not need to log into the mobile app to use the syncing of firmware update features.

App Installation

To install the app, search "Proxxi Hub" in the Apple App Store or follow this URL. The Proxxi Hub App is available for iOS devices on iOS 16.0 or higher.

Using the App

Syncing the Proxxi Band

To sync a wristband using the Hub App, the user needs to open the "Sync" tab of the Proxxi Hub App while the wristband is within range.

When on the Sync tab, the mobile device will automatically search for all available wristbands within range to gather any recorded data. It will then sync them on-by-on, in the order in which they were located.

Once this data has synced, the app will wait 15 minutes before attempting to sync the same wristband again. To confirm a wristband has synced, the user can select "Sync History" at the bottom of the Sync tab to review the sync status of all wristbands connected to the app within the past 24 hours.

Updating Firmware

To use the Hub App to update a wristband's firmware, open the "Firmware" tab of the Proxxi Hub App while the wristbands are within range.

When on this tab, the mobile device will automatically search for all available wristbands within range to update their firmware. It will then connect to each wristband one-by-one, to check whether a firmware update is required. If an update is required, it will complete the update.

IMPORTANT: Wristbands must be on charge to complete a firmware update. This is to help ensure that wristbands are not accidentally moved out of Bluetooth range during the update.

Once all wristbands have attempted to update, the user can select the "Refresh" button to scan for wristbands. This will scan for and identify any wristbands that failed to complete the update previously, or that have come into range of the app since the last scan for wristbands. The Hub app will not automatically scan unless the user selects Refresh, navigates away and back to the Firmware tab, or closes and reopens the app.

Using the “Update History” button at the bottom of the Firmware tab, the user can review the firmware update status of all wristbands connected to the app within the past 24 hours.

Contacting Support

Select the support button (?) in the top right corner of any screen to contact our Support Team or to access our online support site.

IMPORTANT INFORMATION

Connectivity requirements

Bluetooth is required for all app use. Make sure the Bluetooth on your mobile device is active and that the app is given permission to use Bluetooth (this will be requested during the login process).

An active internet connection to initially install the app and to use some of the app features (either Wi-Fi or cellular data).

App location requirement

The app may ask you to allow Proxxi to access the device’s location. Proxxi is not actually recording or tracking your device’s location, however this is required to connect with the Bluetooth on some devices. Please ensure that you allow for the app to use location.

Updating the app

The app update for the mobile app should be automatic when new versions are available. However, if your device does not automatically update to the newest version, you can follow these instructions to complete a manual update.

Data privacy

App users cannot see or access any wristband or wearer data from the Proxxi Hub App. Data is only accessible to authorized users via the Proxxi Voltage Dashboard.

PROXXI BAND HUB DASHBOARD

Data captured by the mobile wristband is made available to the user and the rest of their organization in the Proxxi Hub Dashboard. The dashboard is available at dashboard-voltage.proxxi.co/login

To set up your organisation’s dashboard, please complete the Dashboard Manager Form that was included in the onboarding materials.

If you have not received your login credentials, contact your admin or email support@proxxi.co

Note: Prior to viewing data on the dashboard, wristbands must be synced with the mobile app.

Usage Report

Upon login, the Usage Report will display. From the Usage Report, all wristbands in the organization can be viewed.

In the Usage Report, you will see:

- The wristband ID and wearer identifiers.
- The group the wearer and wristband belong to.
- The total number of days active, which is the number of days the wristband has registered use in the timeframe specified. On these days the wristband was turned on and measuring the environment.
- When the wristband was last synced by the wearer using the mobile app.
- What firmware version the wristband is on (as of last sync).
- You will also see the total number of initial and high alerts that the wearer received during this time period.

The data in the summary report can be used to understand use and to identify outliers. With this data you are able to have an informed conversation with individual wearers.

Note: Wearers are not required to input their name or email when logging into the app. Phone number may be the only identifier available.

Alerts Report

Each alert event that occurs will be displayed on the Alerts Report. To view the Alerts Report, select the hamburger menu in the top right corner and click “Alerts Report”.

The data can be filtered by date. Using the “search” you can filter for a specific wearer or wristband. The report can be sorted by any column in both directions.

In the columns you are able to view:

- The wristband ID and wearer identifiers.
- The group the wearer and wristband belong to.
- The date the alert occurred, as well as start and end time.
- The maximum reading that the wristband sensed during the event.
- And the type of alert that occurred - initial or high.

In the Alerts report you can expand each alert event to show additional details for the event. This includes:

- Reading of electric field intensity at the time stated, shown as a black line.
- Initial Alert threshold, shown as a yellow dash.
- High Alert threshold, shown as a red dash.

The wristband’s voltage environment setting will be noted within the graph.

Note: the sensitivity will be based on the setting selected in the mobile app by the wearer.

Filters

The data on all reports can be filtered by date and other variables for ease of use. You are also able to search for a specific wristband or wearer on any report.

Your data may also be tiered by group. If your organization has tiered their data, you will be able to drill down into a specific group. Some dashboard managers may have access to all data in the organization, whereas others may only have access to a subset. Access level is determined by your organization.

Downloading Reports

On all reports, you are able to export the data as a PDF via the download button in the top right corner of the page.

Product Specifications

Dimensions	Wristband: 262mm x 32.5mm x 12.5mm (max wrist size: 247mm or about 9.7in circumference)
	Charger: 46mm long x 36mm wide x 16.5mm tall
	Power Adapter Type A (NA): 58mm long x 25mm wide x 58mm tall, 1.5m cord
	Power Adapter Type C (EU): 58mm long x 25mm wide x 77.5mm tall, 1.5m cord
	Power Adapter Type G (UK): 58mm long x 48mm wide x 70.5mm tall, 1.5m cord
	Individual Box Unit Box: 127mm x 101.5mm x 101.5mm
	6 Unit Shipping Box: 330mm x 228.5mm x 152.5mm
Type of load	Wristband: wirelessly charged by dock
	Dock: 5V/1A (Micro-USB connector)
	Charger (wall-wart) • Type A (NA): In: 120V Out: 5V DC/1A • Type C (EU): In: 240V Out: 5V DC/1A • Type G (UK): In: 240V Out: 5V DC/1A
Connection type	Micro USB
	Bluetooth LE (5.0, 4.2 compatible)
Sensitivity	480V and above
Activation time of each alert	Initial Alert - 1-2 short buzzes every 5 seconds until removed from hazard area
	High Alert - Sustained until wearer removed from hazard area
Battery Life	Approximately 30 hours
Certifications	• IP68 Compliant • ASVS Lvl 1 • GDPR-compliant • SOC3 Compliant Data Centre Storage 
Communication	Bluetooth LE