# Secure Band User Manual

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|---|---|
| Date: | 23-02-2023 |
| Version: | 1.1 |

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## DOCUMENT HISTORY

| Version | Date | Author | Description |
|---|---|---|---|
| 1.0 | 09-12-22 | B Buike | First Release |
| 1.1 | 23-02-2023 | B Buike | FCC Warning text up-dated |
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## REFERENCED DOCUMENTS

| Ref. | Document Name | Version | Date |
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# 1. Introduction

The Buddi Secure Band is a state-of-the-art, world's smallest and lightest precision-driven RF tag with long battery life and a robust strap packaged into a sleek and innovative design. At only 35 grams, it is a fraction of the weight of other devices on the market. Lightweight, accurate and waterproof, Secure Band provides instant alerts in the events of removal, low battery levels, and absence of the wearer from the place of curfew.

The Secure Wristband is extremely easy to fit, saving time and resources. It works in combination with the Buddi Smart Beacon to communicate data and events to the Buddi monitoring software Eagle.

Key features of the Secure Band include:

- The Secure Band works all the time, straight out of the box
- Communications are encoded with AES 128 for electronic data transmission
- Ergonomic and robust physical properties
- Waterproof, hypoallergenic materials
- Easy to install
- Long battery life
- High yield stainless steel internal band
- Soft outer skin for comfort

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## 2. Assembly Instructions

- To assemble the Secure Band on the user the following parts are required:

1. Feed the rubber tab through the strap that has a cut-out at the end as shown below. Pull the tab of the rubber firmly so that the thick tab part comes out on the other side.

2. Cut the tab off as shown below.

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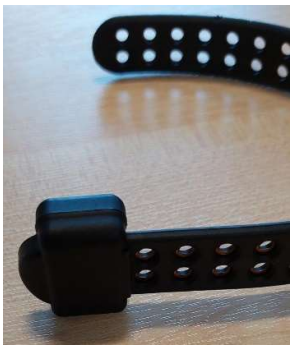
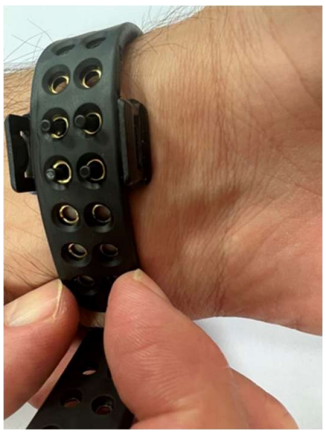
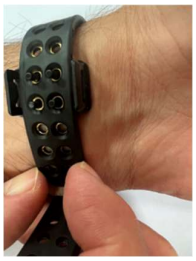
3. Fit the Female Clasp as shown below:



4. Fit the Secure Band around the User's wrist and then fit the male clasp in the set of 4 holes such that the fit is comfortable but is not too loose.



5. Align the Male and Female Clasps together and then apply equal pressure by squeezing the 2 parts together. Listen for 2 clicks to ensure that both parts are fitted correctly together.



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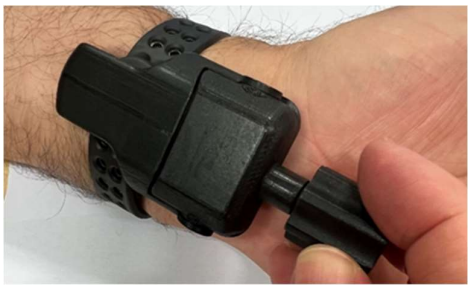
## 3. Removal Instructions

1. Fully open the Removal tool and wind back the cutting screw as back as it can go.

2. Place the tool under one side of the clasp on a fitted Secure Band and push under as far as it goes. Press the open jaw down, as below.

3. Wind the handle clockwise as far as it goes, as below.



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4. Unwind the cutting right back and remove the Tool. Fit to the other side of the Clasp and repeat the above steps.

5. The Clasp can then be removed with some light physical pressure.

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# 4. Charging the Secure Band

1. Fit a fully charged Secure Band Charger (see Section 5) over the Secure Band.

2. Align the tabs in Charger to the cut-outs in the Secure Band and then click the cover down.

3. Check that the Secure Band green LED starts flashing (this could take up to 30 seconds)

4. Check that the green LED stops flashing to indicate that it is fully charged (this could take up to 2 hours)

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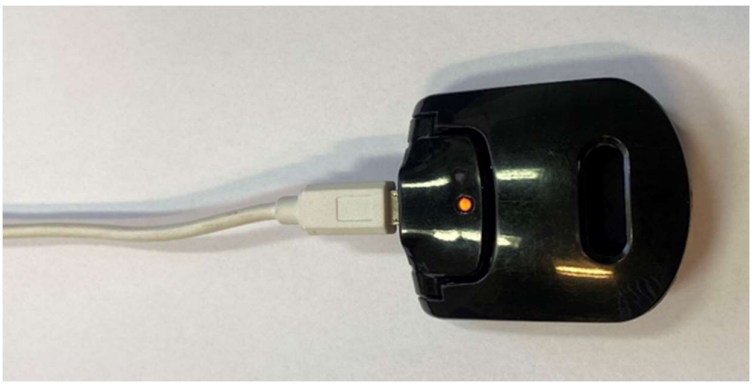
## 5. Charging the Secure Band Charger

1. Plug the Secure Band Charger into a 5V USB Charger. Check that the LED is orange to indicate that it is being charged.



2. Check that the LED goes green to indicate that the Charger is fully charged (this could take up to 2 hours).

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## 6. FCC Warning

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.

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

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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