



Buddi Technical and User Publications

AlcoBreath  
Device Installation Guide

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COMMERCIAL IN CONFIDENCE

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## AlcoBreath Device Installation Guide



### Introduction

Use this Guide to assist with Wearer installation and setup of the AlcoBreath.

AlcoBreath provides autonomous alcohol intake monitoring with face recognition in a handheld device with multiple features to allow location tracking and scheduled breath sampling.

Device and Wearer profiles are set up remotely, refer to the Eagle User Guide.

## AlcoBreath Equipment



AlcoBreath



AlcoBreath Charging Dock



AlcoBreath Carry Case



USB C Lead



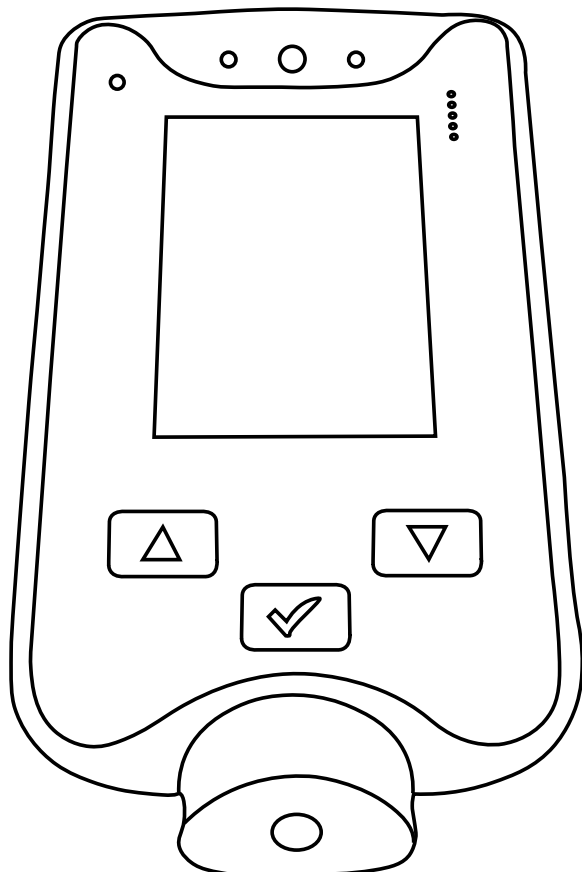
USB to Mains Power Adapter\*



AlcoBreath Cover

*\* The USB to mains adapter has attachments suitable for regional applications*

## AlcoBreath hardware profile and controls



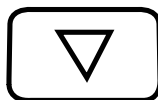
AlcoBreath has 3 buttons for Wearer interaction on the front of the device beneath the screen display.



UP facing arrow



TICK symbol



DOWN facing arrow

Press any one of the device buttons or plug AlcoBreath into a mains supply, using the power adapter, to wake the device from stand-by – the display screen will illuminate.

- AlcoBreath will display the time
- AlcoBreath will display the battery symbol to indicate the device power status

AlcoBreath has an integral mouth piece beneath the buttons.

## Charge AlcoBreath

The **battery** symbol is always displayed on the AlcoBreath screen in the top left.



- AlcoBreath will indicate when the device needs to be charged - the **low battery** symbol will display



- AlcoBreath will display the **plug** symbol to prompt for the device to be plugged in



- AlcoBreath will display the **device charging** symbol when the device is plugged in and charging

Connect the USB lead to the AlcoBreath charging port or charging dock and plug into a mains socket using the USB to mains power adapter.

### LED Status

### AlcoBreath Status

AMBER

AlcoBreath is low power. Charge AlcoBreath

GREEN BLINK

AlcoBreath is charging

GREEN SOLID

AlcoBreath is fully charged

## Setup AlcoBreath

**! NOTE** Device enrolment, verification alerts and Wearer notifications are setup in the Wearer profile and are not active by default – refer to the Eagle User Guides

Make sure AlcoBreath is ready for operation; charged and tested for communication response before instalment.

AlcoBreath is pre-assigned to connect to the Eagle monitoring system – network coverage and connection will automate when the AlcoBreath is charged.

## AlcoBreath analyser



AlcoBreath will prompt the Wearer to submit a breath sample on the display screen and the device will vibrate.

- The AlcoBreath display will update to show a **Wearer** symbol on the display
- A tick symbol will display at the bottom of the screen
- Press the TICK button on the device  to start collecting the sample

To begin the sample collection the Wearer should exhale into the mouthpiece.



- The AlcoBreath display will update to show a pressure bar at the top of the screen
- A sample intake bar will display beneath the pressure bar
- A **Sample in Progress** symbol will display beneath the bars

The Wearer should monitor the pressure bar at the top of the display during the sample - the pressure bar indicates the Wearer's exhalation pressure.

It is important to stay within the middle of the bar required for the AlcoBreath. The acceptable pressure is highlighted green. The AlcoBreath will terminate the sample cycle if the pressure is not maintained.



The sample intake scale shows the sample amount. The Wearer should continue with the sample until it's full.

After a successful sample, the AlcoBreath will display a tick in circle **Success** symbol.

If the sample is unsuccessful, the cycle will repeat, the Wearer is required to resubmit the sample.

## Regulatory Information

### 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.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions (10mm) accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.