

c-med^o alpha - Firmware update

In-ear sensor

c-med° alpha

Update process

Introduction

These instructions make it easy to update the c-med° alpha to the latest version.

A few steps are required to install the latest device firmware on the sensor.

Prerequisites:

- A mobile device with activated Bluetooth
- Installed cosinuss° Lab App on the mobile device. The Lab app is available for iOS and Android:
 - <https://apps.apple.com/de/app/cosinuss-lab-app/id6447358725>
 - https://play.google.com/store/apps/details?id=de.cosinuss.flutter_lab_app&hl=en_US
- The mobile device has internet access
- The c-med° alpha is switched on and within Bluetooth range (10m)

cosinuss° Lab App
for Android:



cosinuss° Lab App
for iOS:



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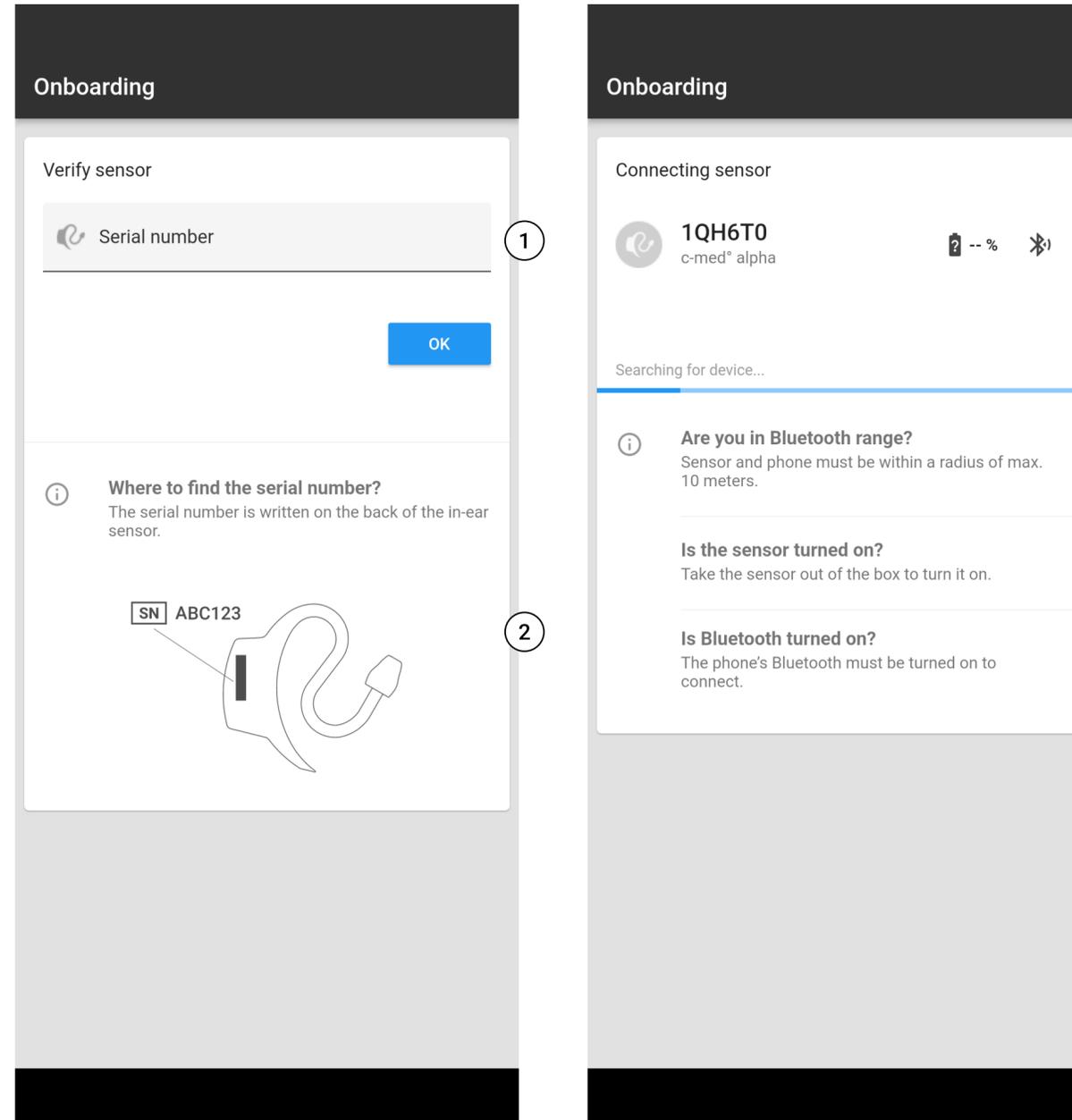
Connect with the cosinuss° Lab App

Open the cosinuss° Lab app and enter the serial number of your c-med° alpha. This can be found on the back of the sensor.

Tap the OK button.

The Lab App briefly searches for your sensor and then connects.

If you are not connected to the sensor after a short time, check your Internet connection.



1. Entering the serial number.
2. Information on where to find the serial number.

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Start installation

After the Lab App has connected to your sensor, a screen with vital parameter tiles appears.

Tap the menu icon in the top left-hand corner of the screen. A sidebar will expand and you will see:

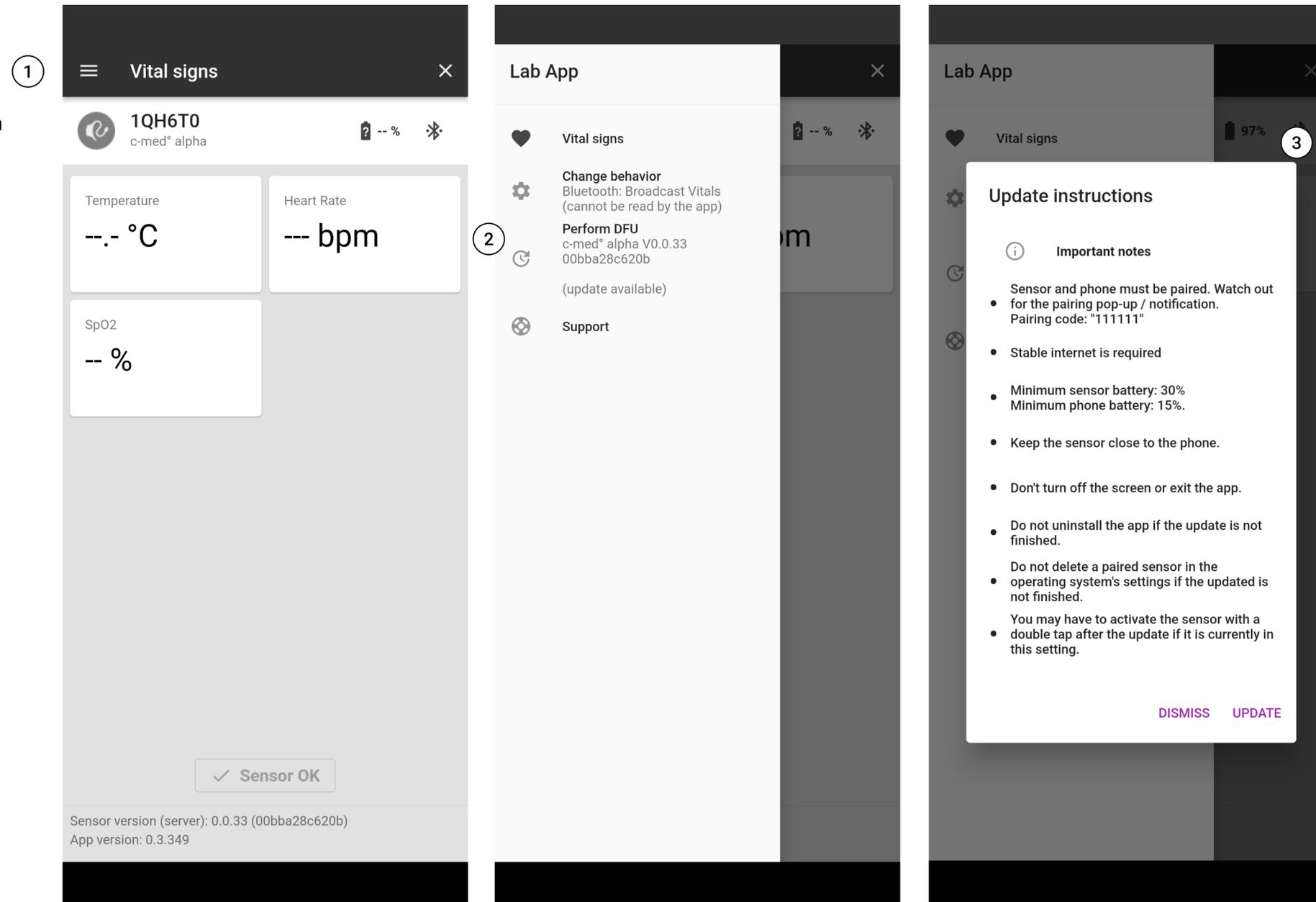
1. Vital signs
2. Change behavior
3. Perform DFU
4. Support

Under 'Perform DFU' you will see the current device firmware version of your sensor as well as a note if a newer version is available.

Tap on 'Perform DFU' to install the new version of the device firmware.

A message box will appear indicating what you should pay attention to during installation.

At the same time, you will receive a notification from your end device that an external device wants to pair with your end device.



1. Menu icon
2. 'Perform DFU' menu item
3. Notification dialog

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Pairing the c-med^o alpha with the end device

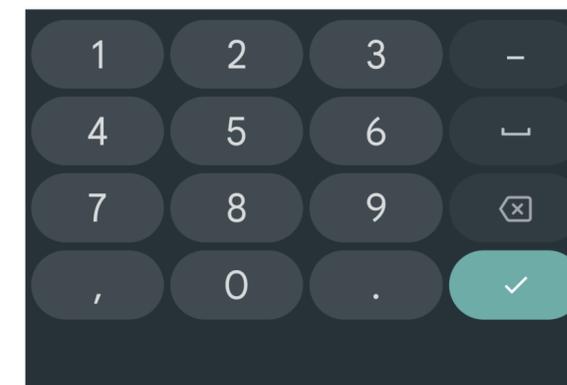
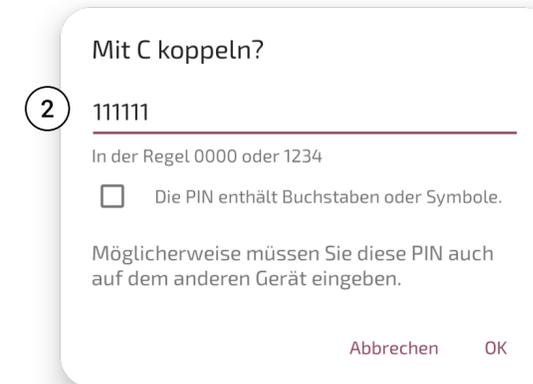
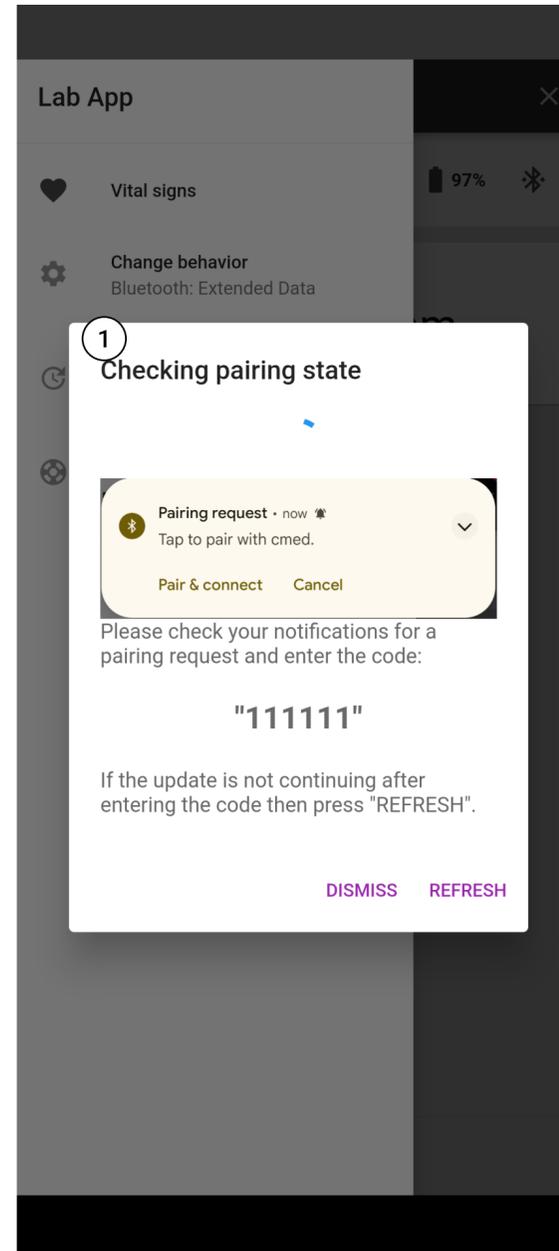
A dialog box appears in the Lab App with the message that the devices must be paired.

Pull down the notification bar at the top of your end device to see the notification with the pairing request.

Tap on pair.

You will be asked for a PIN in the pairing dialog box.

Enter the 1 six times here: 111111 and confirm your entry.



1. Note on the need for pairing
2. End device dialog box for pairing external devices.

Practical advice

If the pairing notification is not showing in the app
Possible reasons that the pairing notification is not showing up:

- Have a look at your notification drawer.
- The sensor may already be paired with your phone. If the app does not continue, then press REFRESH.
- If there is still no dialog, then try again or have a look at an alternative pairing method.

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Installation

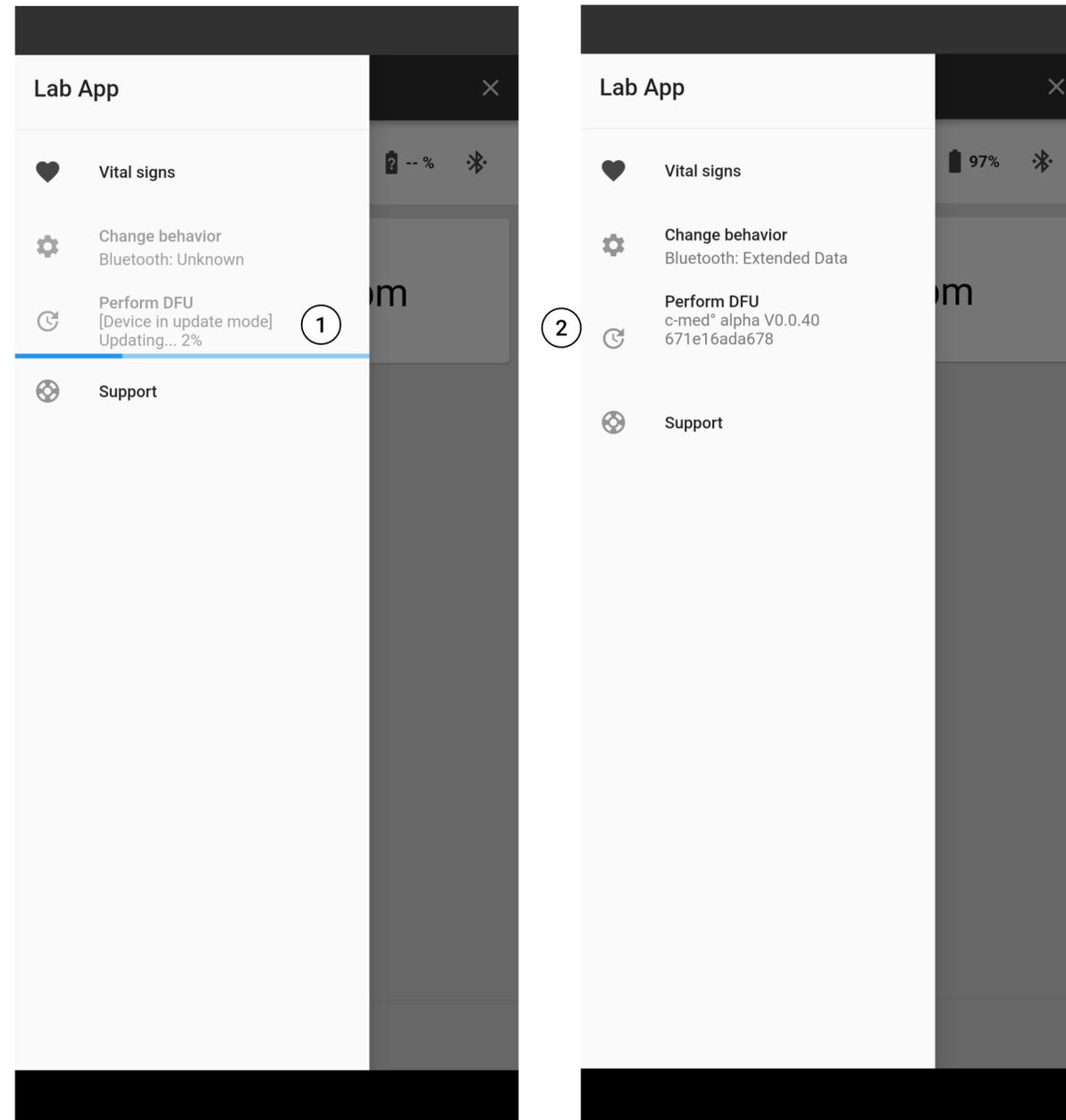
The latest device firmware will now be installed. You can see the progress in the sidebar under 'Perform DFU'. It can take up to several minutes.

Notes:

- Please ensure that an Internet connection is available at all times.
- Place the sensor near your end device.
- Do not close the app during installation.
- Do not switch off the display either.

As soon as the update is complete, the device firmware version under 'Perform DFU' will change to the installed version.

One last step:



1. Progress bar
2. New device firmware version

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The last step

1. Disconnecting the sensor:

Tap on the x in the upper right corner to disconnect sensor and Lab App.
Close the app.

Congratulations!

Your c-med[°] alpha is now up to date and ready to be used with the cosinuss[°] Health App.

Training documentation for cosinuss[°] Health App in combination with the c-med[°] alpha can be found here:

[COS_Health_Training_EN_1701095121 \(PDF\)](#)

