

EasyOne Air Software Update

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1. Introduction

This Application Note describes how to update the software in an EasyOne Air spirometer. Two cases are described: update via PC software EasyOne Connect, and update of EasyOne Air as stand-alone. Please note that the software of the EasyOne Air is referred to as "firmware".

Alternatively, you can find video instructions by accessing the following Link:

<https://www.youtube.com/watch?v=9mPhHxlfDJU&t=9s>

2. Update Using EasyOne Connect

If you are using the device in combination with EasyOne Connect (n d d's PC software), occasional software updates may be required. Updating EasyOne Air via EasyOne Connect is the preferred updating method. Once the EasyOne Connect software has been updated and the device is connected to the PC (either via Bluetooth or with a cable), EasyOne Connect will automatically propose a software update for EasyOne Air if needed.

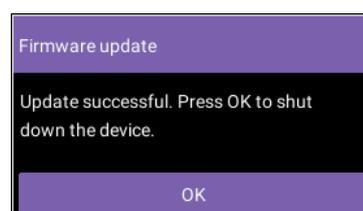
To prepare the update, download and install the latest EasyOne Connect software installer. You can find the installer among the resources provided on our website at www.nddmed.com. Please be aware that you will need Administrator rights.

Connect the EasyOne Air to EasyOne Connect either via Bluetooth or via a cable that is connected to the PC.

As soon as the EasyOne Air is connected to a higher version of EasyOne Connect, a window message appears indicating a software mismatch and offering you the option to update the device. Select *Yes*.

Follow the instructions and wait until the update has been completed. This may take a few minutes. Do not turn off the device until the update has been completed.

Once the update has been completed, select *OK* to shut down the device. Then, restart it.



Select *Tools / Device* to verify that the firmware has been updated.

Firmware version	V1.9.1 (master-1.9)
Firmware build	26.03.2018 17:27 (buildbot)
Bootloader version	V1.9.1

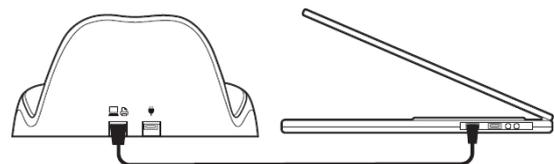
Note : If you are using an EasyOne Air firmware version that is lower than V1.8.0, additional steps, such as entering the Administrator password, may be required.

3. Stand-Alone Update

If you are not using the device in combination with the EasyOne Connect PC software, you need to go to the ndd website, download the device software file, copy it to your device, and perform the update there:

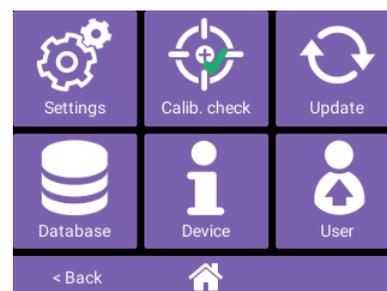
On your PC, download the latest device software/firmware. All downloads can be found on our website at www.nddmed.com under *Resources*.

Connect the EasyOne Air USB cradle to the PC. Turn on the EasyOne Air and place it on the cradle. A new device icon will appear in Windows Explorer. When this device is opened, a drive icon with the name 'exchange' will appear.



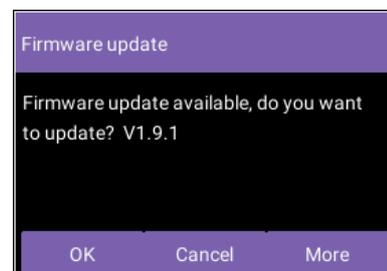
Copy the downloaded software file to the exchange drive.

On EasyOne Air, select *Tools / Update*.



The device will ask whether you wish to install the downloaded update file. Select *OK*.

If requested, enter either your password or use the default password '8005'.

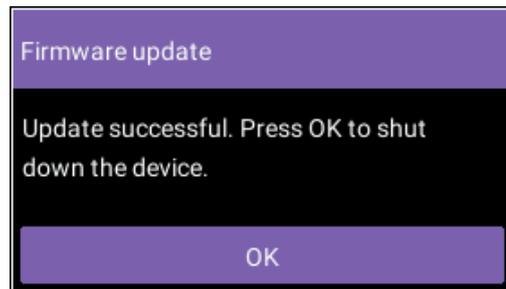
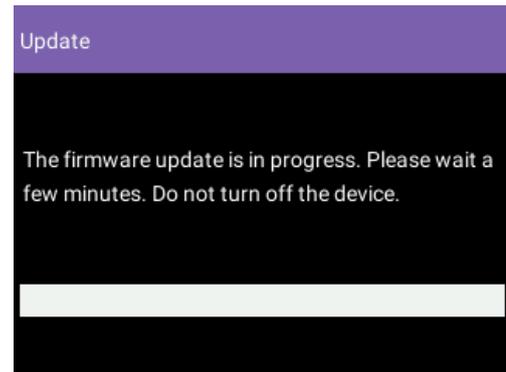


Wait 2-3 minutes for the update to be performed. Do not turn off the device until the update has been completed.

Note: If you are using the EasyOne Air firmware versions V1.6.2 or V1.7.0, please avoid touching the screen during the update, since this may cause the update to fail and leave the device in an inconsistent state.

Once the update has been completed, select *OK* to shut down the device.

Switch the EasyOne Air back on and select *Tools / Device* to verify that the firmware has been updated.



Firmware version	V1.9.1 (master-1.9)
Firmware build	26.03.2018 17:27 (buildbot)
Bootloader version	V1.9.1