

## Part 1 - Install the meter and using it (Off-Line)

### 1.1 The meter is easy to install by inserting it into the socket.

The meter starts up automatically. After startup, you'll see the following components:

#### Fire Resistant Housing

The housing of the AurAir is made of fire-resistant plastic.

#### Screen

All measured sensor values are displayed here. Several indicators are displayed on the right, such as Wifi mode, unit of measurement and indicator for the countdown to the next CO2 measurement.

#### socket

Standard grounded socket. A meter with this type is suitable for all countries with CEE 7/3 (type F) socket and a CEE7/7 (type F) plug, such as Germany, the Netherlands, Sweden, Norway and Finland.

#### Screen front

When the AurAir Screen is turned off, only the three Pushbuttons are visible.



#### Screen button

1 press: Screen off  
2 press: Dim screen  
Long press: Update Firmware

#### Display button

1 press: Show chart  
2 presses: Show max/min values  
Long press: Calibrate CO2 Sensor

#### Settings button

Press once: Show Cloud password  
2 press: Show QR code for web dashboard  
Long press: Factory-restore settings

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**1.2 The AurAir meter now displays all the information on the screen.** The meter has a built-in Access Point. It starts up automatically, but there is no connection to your phone or to your own Wi-Fi environment yet. This is in Part 2.

### Humidity / Temperature

The relative air humidity value is displayed at the bottom left, followed by the symbol (%).

Healthy values are displayed in green, mediocre values in yellow and unhealthy values in red.

The temperature is displayed in degrees Celsius.

### air pressure

The air pressure is displayed at the bottom right, followed by the metric unit symbol (hPa). The print is only displayed in white.

### CO2

The measured CO2 is shown here. Healthy values are displayed in green, mediocre values in yellow, and unhealthy values in red. The unit for CO2 is PPM, parts per million.

### Wifi Status

After startup, you will see the WiFi symbol, which is shaped like a wave. If you are not connected to your own WiFi network, a red cross will pass through it (see Section 2)

### Countdown to new measurement

After each CO2 measurement, the light blue full circle is redrawn until it is complete and the next measurement is started.

### IAQ

The Air Quality index indicates how healthy or unhealthy (high number) the air is regarding VOCs.



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### 1.3 The screen button allows the screen to turn to black and dim.

This button also allows you to update the firmware. If the firmware is already up to date, you will be notified. Firmware update is possible when the meter is connected to the **Internet**.



#### Screen button

**Press once:** Turn off screen. Press again turns the screen BACK ON.

**Press twice:** Dim the screen. Pressing again 2 times ensures that the full brightness of the screen is restored.

**Long press:** The display asks if you want to update the firmware. Pressing the display button means YES; pressing the Settings button means NO.

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### 1.4 The display button allows you to see the values of the last 24 hours in a graph or summarized.

You can use this button to manually calibrate the meter(\*). This is normally **never necessary because all our meters** calibrate fully automatically and therefore do not expire.

(\*) calibration is calibrating the meter at the lowest possible CO2 value. This is +/- 400ppm outdoors.

#### CO2 graph

Gemeten CO2 sensor values from the past 24 hours are shown graphically here. Healthy values are displayed in green area, mediocre values in yellow area and unhealthy values in red area.



#### Display button

**Press once:** Switch the screen to the "CO2 chart" view.

Press again to switch back to the default "CO2 value" display.

**2 presses:** Display minimum, maximum, average CO2 values from the last 24 hours. To switch back to default view, press again 2 times.

**Long press:** Calibrate the CO2 sensor. The display asks if you want to calibrate the CO2 sensor. Pressing the display button means YES; pressing the Settings button means NO. Calibrations take 1,300 seconds!

**WARNING: Do the calibration only outdoors in dry conditions, or in a perfectly ventilated indoor area.**

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### 1.5 Each AurAir meter has its own unique identifier / username

The cloud username/username and password/password of your meter can be seen with the settings button. You will later use this information (Part 2) to connect your meter to the AurAir Cloud via your own Wi-Fi. With your username and password, you can then log in via the [cloud](#) link on [www.aurair.nl](http://www.aurair.nl).

\* The AurAir Cloud is a secure environment on the Internet, where your measurement data is stored.

### Settings

Displays several important network settings, such as The AurAir IP address, cloud username, and cloud password. The username and password of the Cloud are required to log into the Cloud. Go to <https://www.aurair.nl>. Just sign in to see your history!



### Settings button

**Press once:** Switch the view to the settings page. Press again to switch back to the default "CO2 value" display.

**2 press:** Show the QR for the web dashboard. By scanning the QR code with your smartphone and opening the URL, you will end up on the AurAir Web Dashboard.

**Long press:** Restores factory settings. You will be asked first if you want to do this.

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### I.6 Troubleshooting that may occur when plugged in

Problem..	What is going on?	What am I supposed to do?
CO2 value is always 395	The initialization of the AurAir failed.	Unplug the AurAir, wait 20 seconds and plug the AurAir back into the wall socket.
The background of the countdown to the next CO2 measurement is mutilated.	For unknown reasons, the screen has not been erased.	Ignore it, when the countdown is complete, the screen will be cleared and you should see everything correctly.
CO2 value pixels from previous values are still on the screen.	For unknown reasons, the screen has not been completely erased.	Press the display button once to go to "CO2 chart" mode and press again to return to the default view.
Problems continue to occur.	The above things don't help. A reset of the device is required.	You can reset the device by unplugging the appliance, waiting 20 seconds, pressing the power button and plugging it into the wall socket. When the screen comes up, let go. For an extra hard reset, do the same, but now with the settings button. Turn the screen off and on, then release.

For more information see our [support](#) pages