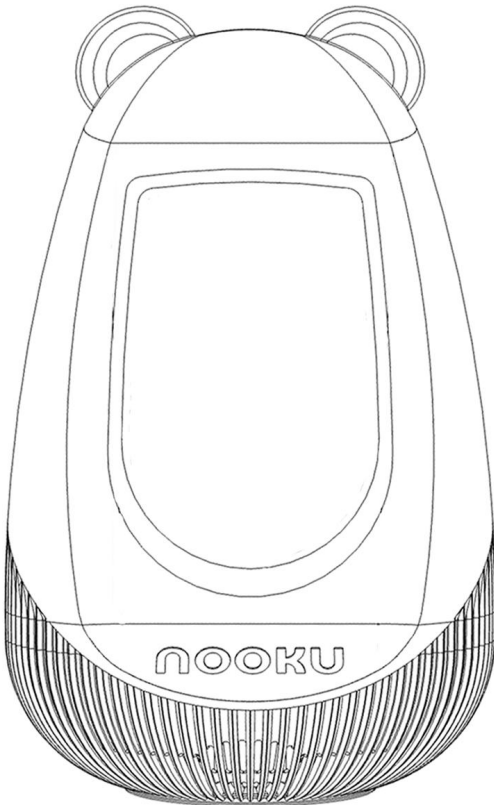




# nooku fusion instruction booklet



**Breathe easy with nooku.**

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# Getting Started with nooku

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More than just another air quality monitor; nooku is your personal trainer, helping you to improve your home environment. Measuring a wide range of pollutants, nooku provides predictive insights and actionable advice via the built in touch screen and app.

## Whats in the Box

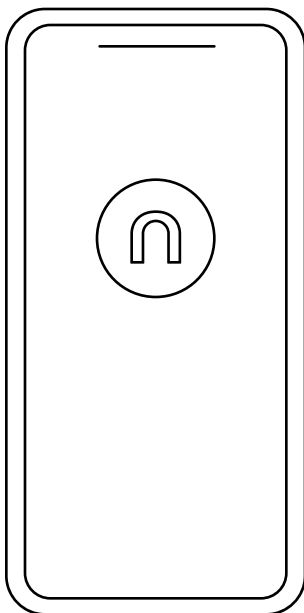
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- Nooku mini
- Nooku Guide
- Character Cap
- Cable
- Wall power adapter
- Quick Start Guide

# Download the nooku app

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You will need a smartphone device in order to enjoy the full nooku experience. Simply download the nooku app from your preferred app store and follow the on screen instructions.

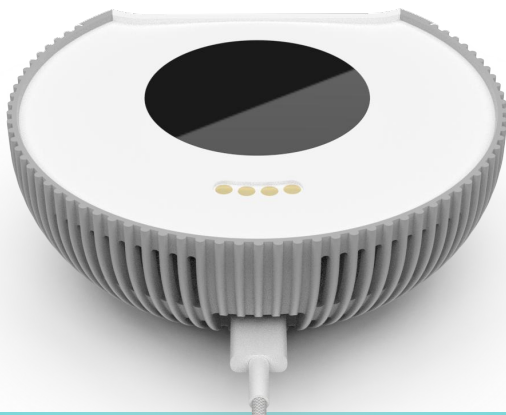


## Power up your device

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To set up your nooku mini, remove the protective screen film and simply connect the wall power adapter and USB-C cable together.

We recommend placing your nooku mini at table top height and out of reach of direct sunlight - (not near the window). Once connected to a power source it may take a couple of minutes for your mini to fully power up. This is completely normal. The loading screen should look like below when powered and is ready to connect to the nooku app.



# Follow the in app instructions

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The nooku app will guide you through the simple onboarding process.

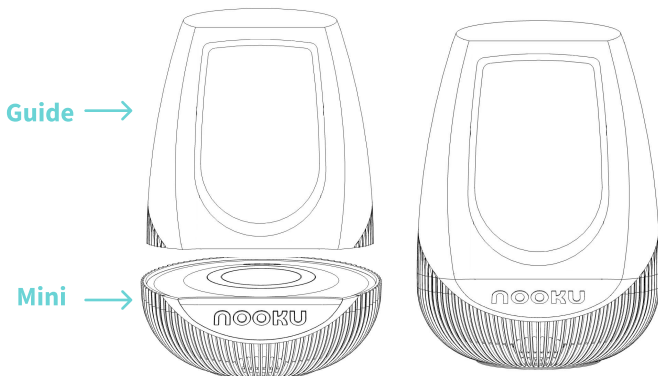
You will be asked to create an account for which you will need an up to date email address and secure password. Make sure bluetooth is enabled on your phone for a seamless connection process.

Once your mini is fully connected you will be able to dock the guide module.

## Guide Module

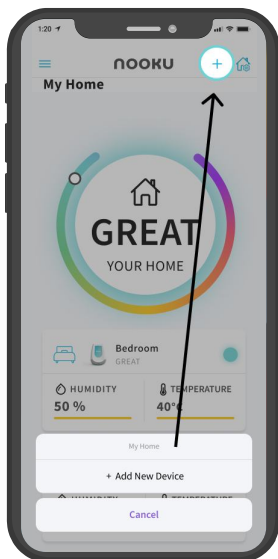
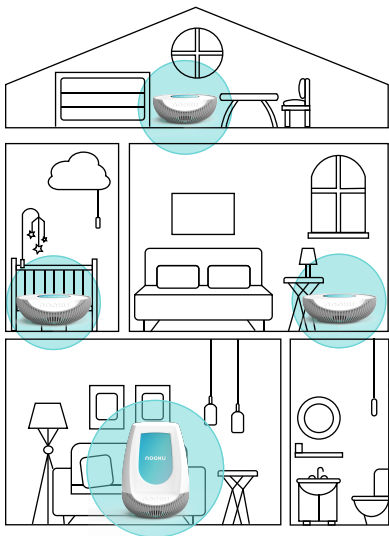
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Your nooku guide is a portable air quality monitor with added CO2 and PM 1-10 sensing capabilities. The large touch screen of the guide will only turn on when docked with a nooku mini.



# Multi room coverage

All our nooku products have been designed to work seamlessly together to provide whole home coverage. Simply select add new device from the in app menu to add multi devices when you need them.



# Screen Features

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1. Humidity reading
2. Temperature reading
3. VOC / NOx Ring
4. Overall Air Quality Rating
5. Clock
6. WiFi Status

Great



Good



Okay



Poor



Bad



# Screen Features

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1. Touch Screen
2. Humidity reading
3. Temperature reading
4. General Pollutant Score
5. Room
6. Wifi Connectivity



# Character Cap

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## Characterisation

Your nooku guide comes with a bear character cap, transforming nooku into your air quality sidekick.

When in Bear Mode, your nooku will still send all sensor data to your nooku app, however metric data will no longer be displayed on the screen. Simply pop the hat on and off when you want to switch between modes.



# Unique Reactions

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Once in Bear Mode, nooku has unique reactions to each of the 6 pollutants. Nooku may also laugh, wink and giggle along when you air quality is optimal.

Your nooku app will still alert you to any pollutant spikes as it would in the metric mode.



VOCs



PM1-10



Temp



CO2



Humidity



NOx

# Your nooku multi

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## LED Display and lights

- The nooku mini will display the general air quality reading of the room in 1 of our 5 nooku categories. It displays both temperature and humidity readings that update every 3 minutes on device and in app.

## Nooku App

- The nooku app will automatically update every 3 minutes with sensor data as long as your nooku mini remains connected to WiFi. If this connection is lost the app will continue to refresh until connection is restored. Within the nooku app you can view live sensor values, historical air quality data and quality trends.

## Reset button

- Refer to the features section to see where the reset button is located on the base of the device. Using a small pin, a long press (5s) of the reset button will reset the product completely. This removes any data stored locally on the device such as your wifi password and room setup. It does not delete any of the data from your app. The home or room needs to be deleted in order to clear this data.

# Sensors

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## Temperature

Temperature thresholds:

-  GREAT: 20 to 23C
-  GOOD: 18 to 25C
-  OKAY: 16 to 25 C
-  POOR: 14 to 27 C
-  BAD: > 14 to >29 C

## NOx

NOx thresholds:

-  GREAT: <10
-  GOOD: 11-50
-  OKAY: 51-150
-  POOR: 151 - 300
-  BAD: 300+

## Humidity

Humidity thresholds:

-  GREAT:  $\geq 40$  to 60%
-  GOOD:  $\geq 30$  to 40%  
 $\geq 60$  to 70%
-  OKAY:  $\geq 20$  - 30%  
 $\geq 70$  to 80%
-  POOR:  $\geq 10$  - 20%  
 $\geq 80$  to 90%
-  BAD: <10% -  $\geq 90\%$

## VOCs

VOC thresholds:

-  GREAT : <105
-  GOOD: 105 - 150
-  OKAY: 150-250
-  POOR: 250-400
-  BAD: 400+


# Sensors

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## Particulate Matter 2.5


PM 2.5 thresholds ( $\mu\text{g}/\text{m}^3$ ):

 GREAT: 0 - 12

 GOOD: 12 - 35

 OKAY: 35 - 55


 POOR: 55 - 150

 BAD: 150+


## Particulate Matter 10

PM 10 thresholds ( $\mu\text{g}/\text{m}^3$ ):

 GREAT: <54

 GOOD: 54 - 154

 OKAY: 154 - 254


 POOR: 254 - 354


 BAD: 354+


## CO<sub>2</sub>


CO<sub>2</sub> thresholds (ppm):

 GREAT: <600

 GOOD: 600 - 800

 OKAY: 800 - 1200

 POOR: 1200 - 1600

 BAD: 1600+

# Frequently Asked Questions

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## Connecting Device

### Q1. I cannot see my device

A1. If you cannot see your device when trying to connect via bluetooth try and re-download the app. If connection still cannot be made then select the manual connection icon as the bottom of the screen to continue.

### Q2. I cannot connect to my wifi

A2. A 2G wifi connection is required when installing your nooku device. If not available try manually turning off wifi box and rebooting. If still not connected please contact our support team: [customerservice@nooku.co](mailto:customerservice@nooku.co)

## Device Display

### Q1. My display is flickering / turning off and on

A1. Your device may flicker from time to time, both the guide and mini are continuously updating sensor readings which can occasionally affect the screen brightness.

### Q2. My device readings on screen are different to app

A2. Sometimes there may be a lag in data uploading if there has been lost wifi connectivity or the device connection has been lost. These should correct themselves within a 24 hour period.

## Frequently Asked Questions

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### Q3. My device is showing its lost wifi connection

A3. Please check your homes wifi connection, as the router may need to be reset.



wifi connection lost



wifi connected

## In App Issues

### Q1. I cant see my data being displayed

A1. A 2G wifi connection is required when installing your nooku device. If not available try manually turning off the wifi box and rebooting. If still not connected please contact our support team: [customerservice@nooku.co](mailto:customerservice@nooku.co)

### Q2. My graphs have not updated in 24 hours

A2. Check your phone settings to confirm that the nooku app is still running in the background. You might need to update your permission settings to allow this. Once enabled your nooku app will be able to continuously collect data.

# Technical Specification

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**Dimensions:** 96.5 mm x 96.5 mm x 149.5 mm

**Weight:** 700g

**Max Power Draw:** 7W

**Screen:** 1.3" colour display (Mini), 3.5" colour display touch screen (Guide)

**Sensors:** Temperature, Relative Humidity, Volatile Organic Compounds (VOCs) and Nitrogen Oxides (NOx), Carbon Dioxide (CO<sub>2</sub>) and Particulate Matter (PM 1-10)

**Connectivity:** WiFi, Bluetooth

**Compatibility:** iOS & Android

# Troubleshooting

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For frequently asked questions and general help advice please see [www.nooku.co/help](https://www.nooku.co/help) or navigate to device section within the learning centre in your nooku app.

If you have any other questions you can submit a query via the nooku app or contact the nooku team: [customersupport@nooku.co](mailto:customersupport@nooku.co)