

# Wi-Fi Plant Sensor

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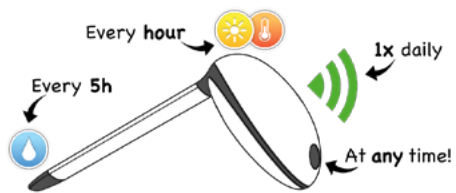
## Configuration over Wi-Fi

To start the configuration make sure all mentioned system requirements are fulfilled.

- 1) Go to <http://go.koubachi.com> and follow the instructions.
- 2) Insert batteries.
- 3) After completing the configuration, insert the sensor into the soil near your plant.

## How it works

The Wi-Fi plant sensor measures soil moisture, light intensity, and the ambient temperature. Measurements are transmitted wirelessly to the Koubachi server for further processing. These are the measurement ranges and values:



Measurement range of soil moisture : 1-6000 mBar  
Resolution of soil moisture : 5 mBar  
Measurement range of light intensity : 0-200 kLux  
Resolution of light intensity : 5 Lux  
Measurement range of ambient temperature : -20°-50° C / 0°-120° F  
Resolution of ambient temperature : 1.8° C / 3,2° F

## Quick start guide

This Quick start guide provides additional instructions for startup. Before starting, we recommend to read the instructions on <http://www.koubachi.com/support>

## Package content

- Wi-Fi Plant Sensor
- 2x AA-Batteries
- Quick start guide

## System requirements

- Internet connection through Wi-Fi (802.11 b/g)
- Wi-Fi reception at the location of the plant
- For configuration: A computer or an iOS device with Wi-Fi receiver

The following systems are supported for configuration

- Microsoft: Windows XP, Windows Vista, Windows 7
- Apple: Mac OS X 10.6.8 or later, iOS 4 or later
- Linux: The Wi-Fi adapter must support ad-hoc.

Perfect efficiency with non specified systems cannot be guaranteed.

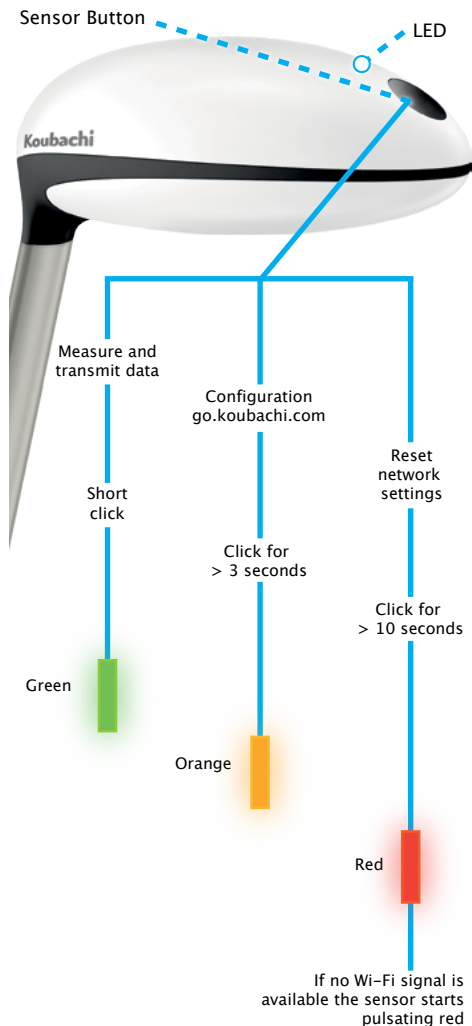
## Care instructions

The Koubachi Wi-Fi Plant Sensor is generally maintenance free. With little care, it will be the best companion for your plant care.

Cleaning: the Sensor tip can be cleaned with a moist cloth, e.g. when you relocate the sensor to another plant. **Do not use detergents or oil containing substances for cleaning. The sensor tip must only be cleaned with pure water.**

Battery replacement: Normally, the lifespan of the batteries is approximately 1.5 years. When you replace the batteries, take care that you close the battery compartment firmly, before tightening the battery screw. That way, the compartment remains watertight. Always use two fresh disposable batteries. **Use high quality disposable AA batteries. We recommend Duracell PLUS or Panasonic Pro Power batteries.**

## Use of the Sensor Button



For further information go to: <http://www.koubachi.com/features/sensor>

## Safety instructions

- Use the Koubachi Wi-Fi Plant Sensor only indoors.
- Avoid plugging the Koubachi Wi-Fi Plant Sensor into hard ground, and if necessary loosen the soil with a spade.
- Do not immerge the sensor in water.
- Do not drop the sensor on hard surfaces, such as tables or concrete floors.
- Use the product only according to its intended use and within the range of the denoted technical parameters. Do not use force.
- Never use the device on or near conducting current components.
- Only perform maintenance and repair work on this device as instructed in the operation manual. Adhere strictly to the described action steps. Use only original Koubachi spare parts.
- Dispose used batteries according to legal regulations.
- At the end of its lifespan, dispose the product according to the separated refusal collection regulations for electric and electronic devices (according to local regulations) or return the product to Koubachi.

## Warranty

When used according to the intended use, you have 24 months warranty from the date of purchase on material and manufacturing defects. A detailed warranty description can be found on <http://www.koubachi.com/warranty>

## Tested with the following systems



The product fulfills according to the conformity declaration the guidelines 2004/108/EU, ES 60950 and ES 301489-1.

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.

# Koubachi

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