



## THE WIRELESS PLANT MONITOR THAT MEASURES SUNLIGHT, SOIL MOISTURE, TEMPERATURE AND FERTILIZER LEVELS.



With Flower Power, anyone can be a green fingers.

### Understanding your plants' needs

Plants have vital needs. Parrot Flower Power uses advanced sensor technologies to monitor the health and well-being of your plants through a range of parameters: 4 embedded sensors measure light intensity, ambient temperature, soil moisture and fertilizer levels. Using the data gathered every 15 minutes by the 4 sensors, the user will be able to understand the exact requirements of their plants.

### Suitable for indoor and outdoor use

The materials chosen for manufacturing the Flower Power ensure the product will be watertight and robust. The Parrot Flower Power may be used both inside and outside (from -10 °C to 55° C). Waterproof, it can withstand watering, rain and liquid fertilizer. Place it in the ground or in a pot and monitor the changes in your plants and garden.

### Bluetooth Smart

The data retrieved by the Parrot Flower Power is sent to your smartphone or tablet. How? The Parrot Flower Power is part of a new generation of devices embedding Bluetooth low energy technology which allows it to communicate with Bluetooth Smart Ready devices. Bluetooth Low Energy, integrated into the most recent Bluetooth version (v4.0), is the latest wireless technological standard which consumes very little energy and is therefore eco-friendly.

### Monitoring of more than one plant at a time

A Parrot Flower Power can monitor several plants in the same pot, in a planter or on a small plot of land if the conditions of watering, soil drainage, exposure to the sun and wind are uniform.

### Real time monitoring

When you are near your Flower Power, you can use Live mode to check the light intensity, ambient temperature and soil humidity.

- Every 15 minutes Flower Power measures four data sources and stores the data in its memory.
- Every 2 hours Flower Power sends data to your Smartphone via Bluetooth Low Energy. If you are not within Bluetooth range, it keeps the data in its memory until you are back (data kept for up to 80 days).
- Alerts are sent to your Smartphone each time one of your plants needs attention.

There is no need to be near your Flower Power to get the notifications.

### A free dedicated App

Download the Parrot Flower Power App on your Smartphone or Tablet. The application connects your Flower Power to the Parrot Cloud (via 3G/4G or Wi-Fi) where the data is analyzed. After the data is analyzed, you receive an alert in real time when one of your plants has special water, fertilizer, light or temperature needs. Follow the changes in your garden directly or simply consult Parrot's vast but easy to use database.

### Database of more than 6000 plants

Using the application, the user can select their plants from the database in the Parrot Cloud, developed by botanists. More than 6000 varieties are listed and custom advice is given on maintaining each plant.



**NEVER FORGET TO WATER YOUR PLANTS AGAIN!**



Download the  
Free App

**Technical specifications:**

- Capacitive sensor for soil humidity
- Conductive sensor for the fertilizer content of the soil
- Light sensor (which can also act as a warning light)
- Soil and air temperature sensor
- Movement detector.

**Integrated TI CC2540 chip:**

- Low power consumption: Bluetooth Low Energy connectivity
- 256 kB flash memory for FW updates
- DC/DC 0.9V - 2V to 3.3 V converter
- Ultrasonic welding of plastic components and polyurethane seals for resistance to water (IPx5 and IPx7)

**Contents of the box:**

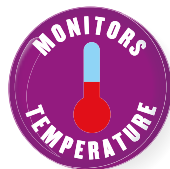
- 1 Flower Power
- 1 User Guide
- 1 AAA battery

**Weight and dimensions:**

- Dimensions : 190 x 64 x 32 mm
- Weight: 45.4 g (with the AAA battery)



1



2



3



4



Compatible with energy-efficient Bluetooth® Smart Ready devices:  
iPhone 4s and later, iPad retina and later, iPad mini and later, iPod touch 4th and 5th generation.  
Please check compatibility on [www.parrot.com](http://www.parrot.com)

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