

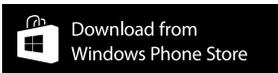


BBP200 UK

# BBP200 UK



BeeWi SmartPad application:





Thank you for purchasing the BBP200 SmartPlug from BEEWI. Please read the following instructions to learn how to configure and use more effectively your product

## INTRODUCTION

The BBP200 Smart Plug, one of the most innovative of its generation, can be fully controlled remotely using a dedicated Smartphone app. It is fully programmable and can be used to remotely control AC power source to an external appliance as well as monitoring motion and temperature in its environment. It is perfectly suited for various types of home automation applications:

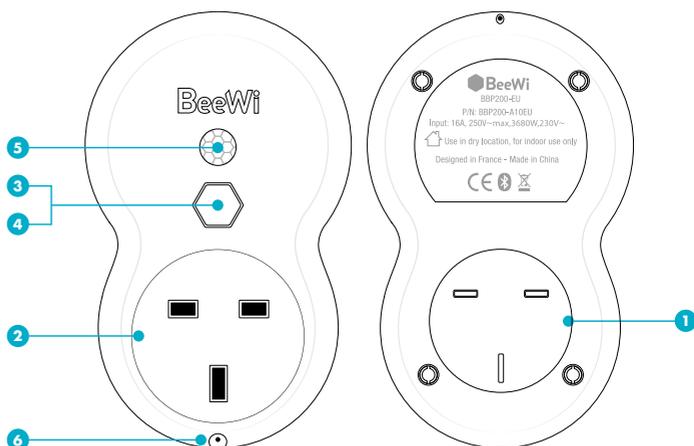
- Turn on and off appliances manually using either included button or app button
- Turn on and off appliances based on time, temperature or motion events
- Monitor histories such as motion events and temperature curves

Compliant with latest Bluetooth 4.0 technology, it is compatible with other Smart ready devices such as Smartphones and Tablets by means of dedicated applications.

## 1. PRODUCT DESCRIPTION

### 1.1. Product Outlook

1. AC Plug
2. AC Socket
3. Control Button (Socket Power On/Off and Pairing)
4. Status Light
5. Motion Sensor
6. Temperature Sensor



## 1.2. Package Content

- SmartPlug
- Quick Start Guide and other info

## 1.3. Main features

- Remote control your electric appliances
- Fully programmable
- Program your heater to get comfort temperature when you are present
- Switch on a light when you come through or at specific hours
- Get the history of presence and temperature
- Smartphone App support for remote control, monitoring and programming features

## 1.4. Specifications

<b>Radio technology</b>	Bluetooth Smart
<b>Range</b>	Class 2, up to 30 meter typical
<b>Output Power Ratings</b>	16A max, up to 3600 W
<b>Power Ratings</b>	Input : AC 100-240V, 50-60 Hz
<b>Temperature sensor</b>	+/- 1° C from -25° to +85°C
<b>Motion sensor</b>	100° radius, up to 5 meters
<b>Dimensions</b>	L124 x W76 x H36.5 mm
<b>Weight</b>	170 g

## 2. STANDALONE MODE

### 2.1. Introduction

The standalone mode is the default mode for SmartPlug. This corresponds to the local access via a Smartphone or Tablet app.

### 2.2. Initial Settings

To use SmartPlug in standalone mode, first download and install the “BeeWi SmartPad” application on Smartphone or Tablet devices. This app is available on the app stores for compatible iOS, Android and WindowsPhone devices.

### 2.3. Pairing

Before using SmartPlug, it is necessary to securely pair the Smartphone and SmartPlug. This way, only authorized Smartphone or Table will be able to access the Plug.

- 1) Download the BeeWi SmartPad app.
- 2) Plug SmartPlug into a wall socket. The LED will flash once by second.
- 3) Press SmartPlug button for 2 seconds until the LED flashes twice per second.

4) Open the app and press "Add Peripheral" to look for your peripheral and initiate pairing.

5) Once "BeeWi SmartPlug" is listed, select it to pair it. After successful pairing, a new box is showing in the app home screen and the LED will turn off.

### 2.3. Restauration

SmartPlug can be restored in factory preset state including factory firmware version. To restore the firmware and delete all pairing or status user data, just press the button whilst plugging SmartPlug into a wall socket.

Restoration is confirmed by means of the Led indicator blinking quickly for a few seconds.

## 3. USING THE APP

### 3.1. Home Screen

The home screen is listing all the peripherals paired and connected to the device.

By selecting the peripheral box, it is possible to:

- Reconnect the peripheral in case the connection has been lost
- Access the Control screen when the peripheral is connected
- Drag and move the box when holding the finger on the box

In the peripheral box, you will find the following information and function:

- SmartPlug picture (user defined)
- SmartPlug name (user defined, "BeeWi SmartPlug" by default)
- Connection status and signal strength bar
- Power switch and temperature status
- Manual power switch button (if not in thermostat mode)
- Current mode (manual, presence, timer or thermostat)

It is possible to control the power switch directly from the SmartPlug box without opening the Control screen.

### 3.2. Control Screen

In the Control screen, it is possible to program specific behaviors such as:

- Manual switch only.
- Switch power on/off depending on the time: in that case, the user can set up a specific time slots for power on.
- Switch power on/off depending on presence: in that case the power on switch can be timed from 5 seconds to 5 minutes.
- Switch power on/off depending on actual temperature to set up eco and comfort temperature period during the day.

### 3.3. History Screen

The history screen provides up to 24H history graphs for both temperature and presence. Both graphs can be set for different period of times, by clicking on them.

- Temperature: 24, 12, and 6H

- Presence: 24, 12, 6, 3 and 1H

Note the temperature is shown in steps of 1° C and presence in slots of 10 minutes

### 3.4. Edition Screen

The edition screen allows for editing SmartPlug details such as name and picture and other settings such as presence recording.

The edition screen also includes a button to update SmartPlug with the latest firmware or to switch it in remote mode. To update the firmware, just press the "Update peripheral" button in Edition screen, then confirm action and wait for about 6 minutes for the firmware update to be confirmed.

## 4. GATEWAY MODE

### 4.1. Introduction

SmartPlug can also be controlled remotely via the internet using a specific internet gateway. For more information, see our web site [www.bee-wi.com](http://www.bee-wi.com).

In that case, it is necessary to use a different web application as described in the BeeWi Gateway manual. SmartPlug can be turned into remote mode by means of a firmware update and switched back into standalone mode by means of a restoration.

### 4.2. Firmware update

To turn SmartPlug into remote mode, connect it to your Smartphone using the SmartPad app and press the "Remote Mode" button in Edition screen. The firmware update will last approximately 6 minutes.

It is possible to revert to the default local access SmartPlug firmware by simply restoring the factory firmware (see 2.4).

### 4.3. Pairing

Once turned into Gateway Mode, SmartPlug will no longer be accessible using the SmartPad app but only via the BeeWi HomeBee server.

In order to list your SmartPlug as part of the HomeBee network, it is necessary to pair it securely with the Master Gateway. To do this, follow these steps:

- 1) Fit SmartPlug into a wall socket. The LED will flash once per second
- 2) Press the SmartPlug button for 2 seconds until the LED flashes twice per second.
- 3) Press the Gateway button for 5 seconds until the LED flashes twice per second to initiate pairing.
- 4) Once SmartPlug has been successfully paired with the Gateway, the LED will revert to the connected state flashing once per second and the new peripheral will show in the web app home screen.

### 4.4. Web server

Go to the HomeBee portal using a web browser or the web app to access your peripheral.

Using the portal under your own account, it will be possible to access the same functions supported by the SmartPad app:

- SmartPlug status: On/Off, temperature and current mode.
- Action settings: switch the SmartPlug On and Off manually or depending on time, presence or temperature.
- Alert settings: send an alert email in case of presence detection or specific temperature level.
- View history graphs for presence and temperature.

## 5. CAUTION & WARRANTY EXCEPTIONS

### 5.1. Taking care of your product

- Use the product indoor only.
- Avoid storage at extreme temperatures, above 45°C (including direct sunlight) or below -10°C.
- Do not expose the product to rain or moisture.
- When not in use, always store the product in a safe place.

### 5.2. Damages not covered by standard Warranty

- Damages caused by an improper use of the product such as shocks, drops, exposition to extreme temperatures, dust, or humidity, or any other cause.
- Damages resulting from any non-respect of manufacturer instructions.
- Cosmetic damages such as scratches, paint, glue or any other alteration made to the product.
- Damages to the product after an repair or disassembly from non authorized personal.

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The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

This product is covered by a 2-year product warranty which is valid from the date of purchase. Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance will void the user's warranty.

Please visit our website [www.bee-wi.com](http://www.bee-wi.com) for more information.

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