hama®
THE SMART SOLUTION

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WiFi Devices

WiFi-Geräte

Operating instruction **GB**



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1. Read first

Thank you for choosing a Hama product.
Take your time and read the following instructions and information completely. Please keep these instructions in a safe place for future reference. If you sell the device, please pass these operating instructions on to the new owner.

1.1 Explanation of Warning Symbols and Notes

Risk of electric shock

This symbol indicates product parts energized with a dangerous voltage of sufficient magnitude to constitute a risk of electric shock.

Warning

This symbol is used to indicate safety instructions or to draw your attention to specific hazards and risks.

Note

This symbol is used to indicate additional information or important notes.

1.2 Safety Notes

- This product is intended for private, non-commercial use only.
- Use the product for its intended purpose only.
- Protect the product from dirt, moisture and overheating, and only use it in a dry environment.
- Do not drop the product and do not expose it to any major shocks.
- Do not operate the product outside the power limits given in the specifications.
- Do not use the product in the immediate vicinity of heaters or other heat sources or in direct sunlight.
- Do not open the device or continue to operate it if it becomes damaged.
- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.
- Use the item only in moderate climatic conditions.
- Do not use the product in moist environments and avoid splashes.
- Buy special or suitable installation material from a specialised dealer for wall-mounting.
- After the product has been mounted, check that it is sufficiently secure. You should repeat this check at regular intervals.
- Before mounting, check that the wall you have chosen is suitable for the weight to be mounted. Also make sure that there are no electric, water, gas or other lines running through the wall at the mounting site.
- Do not modify the product in any way. Doing so voids the warranty.
- **Children** are not permitted to play with the device. **Children** may not clean the product or perform **user maintenance** without supervision.
- Keep this product, as all electrical products, out of the reach of children!
- Dispose of packaging material immediately according to locally applicable regulations.
- The product is intended for indoor use only.
- The product may only be operated with the type of power supply network described on the name plate.
- Benutzen Sie das Produkt nicht in Bereichen, in denen elektronische Produkte nicht erlaubt sind.

2. Introduction

Control your smart devices very easily using an app, a switch or your voice. Our smart products can be easily connected to your wireless home network via WiFi. No additional gateway is required; they work with every WLAN router. They can be controlled using a mobile device (mobile phone/tablet) and using the Amazon Alexa/Echo and Google Home voice services (not 00176553). In addition, it is possible to integrate them into an IFTTT network, and through this, almost everything can be automated and linked.

3. System Requirements

Note - Alexa*

To use the product with Amazon Alexa, you need a device that supports Amazon Alexa (for example, Amazon Echo/Echo Dot, etc.). The device must be integrated in your home network and connected to the Internet.

Note - Google*

To use the product with Google, the Google Assistant must be integrated in your home network and connected to the Internet.

Note - IFTTT

To use the product with IFTTT, you need the IFTTT software and can use it to integrate your lamps.

Note

The following requirements must be fulfilled for successful startup and operation:

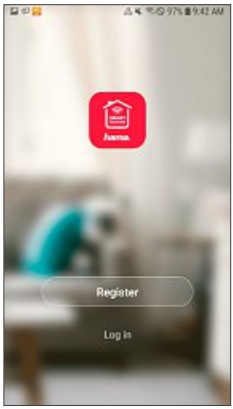
- A functioning wireless home network (WiFi/WLAN) that is turned on
- Please note that only 2.4 GHz WiFi is currently supported for the network integration. Check whether your network is a 2.4 GHz network.
- A mobile device (smartphone, tablet, etc.) that is WiFi/WLAN-enabled and connected to your home network
- The **Hama Smart Solution App**, installed on your mobile device

*Does NOT affect the motion detector 00176554

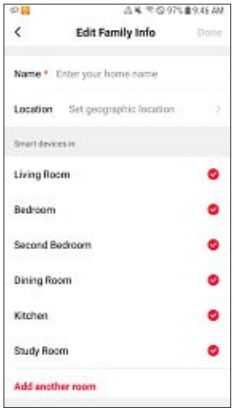
3.1 Preparation

Loading the Hama Smart Solution app

- Download the **Hama Smart Solution** app from the Apple App Store or the Google Play Store using your mobile device.
- Open the **Hama Smart Solution** app.
- If you're using it for the first time, you'll have to register and create a new account. If you already have an account, log in using your login details.



- Click **Create family**.



- Enter a family name. After that, you can deactivate rooms that are not being used by clicking the ticks. You can add or remove rooms at any time; to do so, simply click the cog wheel at the top right.
- Click **Finish**.

Note - Family location

To complete a family, it is not necessary to define the family location manually. Based on the IP address and the time zone set on the smartphone, the app also works without further information. Should you need more precise location determination at a later time, you can add the details previously omitted (under Profile/Family Management).

3.2 Dual-band routers (2.4 GHz / 5 GHz)

Many of the current routers transmit on two different frequency bands (sometimes even in parallel): 2.4 GHz and 5 GHz. The advantages of the 2.4 GHz frequency are the longer range and compatibility with older terminal devices that do not support 5 GHz. Please note that our smart products currently only support 2.4 GHz. If you use a dual-band router and this results in connection problems, there are three possible ways to resolve them:

- **Deactivate 5 GHz frequency**
  You will find a control for both frequency bands in the router settings (WLAN item), depending on model. Select the 2.4 GHz frequency (or deactivate the 5 GHz frequency) there. If necessary, consult the operating instructions of your router.

- **Change the name of the wireless local area network (SSID)**
  You will find a control for both frequency bands in the router settings (WLAN item), depending on model. There you can change the names (SSID) of the frequencies – for example, by simply including the frequency (such as '2.4', for example) in the name. This will allow you to specifically select the 2.4 GHz frequency. If necessary, consult the operating instructions of your router.
- **Add compatibility mode (Access Point mode)**
  If you have no means of ensuring that your smartphone is on a 2.4 GHz network, you can add your smart product using the compatibility mode (Access Point mode).

To do so, open the Hama Smart Solution app and click + at the top right. Next select the device you want to integrate, and, in the upper-right area, select 'Otherwise'. Then select 'AP Mode' and confirm the following instructions. Enter your WLAN password (Pic 2) and confirm with OK.



Pic 1

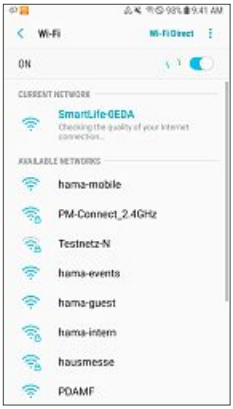


Pic 2

Brief instructions will now appear.
Click **Connect now** (Pic 3), and, in the WLAN network overview (Pic 4), select the network with the name **SmartLife_XXXX**.



Pic 3



Pic 4

Then click your smartphone's **Back button** to return to the app. Your lamp will now be connected.

4. Mounting and getting Started

4.1 WiFi LED bulbs

4.1.1 Product features

Safety Notes

Warning

- Use this product only with lights and fittings that are approved for the application and appropriate for the product. Please check that the product is in perfect working order before making use of it.
- Whenever changing the light, always ensure that the light or fitting in question is current-free. Switch it off and/or pull the mains plug.
- Please note that lights (even LEDs) can generate heat and may become hot. Always let the light cool off for a few minutes before touching it or changing it.

Risk of electric shock

Using damaged or inappropriate lights or fittings carries the risk of electric shocks.

This WiFi LED lamp is used for indoor home lighting, effect lighting, or for creating personalised lighting atmospheres. Depending on the model, you can select from 16 million different colours or different colour temperatures (for example, daylight for your workspace). Further possible settings are: Switch on/off and smooth dimming.
The following selection of voice commands is also available:

- Turn on/off
  'Alexa/OK Google, turn on/off the light.'
- Dim to X%
  'Alexa/OK Google, decrease the light to X%.'

- Dim by X%
  'Alexa/OK Google, decrease the llight to X%.'
- Selection of colour temperature or colour
  'Alexa/OK Google, turn the light warm white.' (red, white, etc.)

4.1.2 Integrating lamps in the Hama Smart Solution app

- Twist the smart lamp into a suitable fixture.
- The smart LED lamp should begin to flash quickly. If this is not the case, quickly turn the lamp ON and OFF three times using the light switch.
- Now open the Hama Smart Solution app and log in.
- Press **+** in the upper-right corner (Pic 1) to add a new device.
- Select **Lighting** in the list and then select the device you want to integrate.
- Now confirm that the lamp flashes quickly (Pic 2).



Pic 1

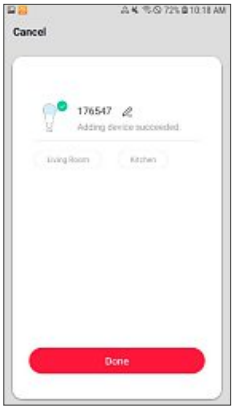


Pic 2

- Next enter your WiFi password and confirm with **OK**.
- Your lamp will now be connected.



Pic 3

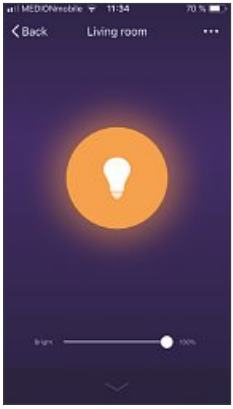


Pic 4

- Once the connection has been established, the lamp stops flashing and the app confirms that your lamp was connected. You can now give your lamp a name.
- Click **Finish** (Pic 4) to complete the process.
- Now you can control the lamp.
- Various options are available to you (see Pic 5):
  - **White Mode (Pic 6)**
    Setting the brightness
  - **Colour Mode (Pic 7)**
    Colour selection using the outer ring
    Setting the saturation of the selected colour
    Setting the brightness of the selected colour
  - **Scene Mode (Pic 8)**
    Selection of various light colour modes, for example, reading or night mode



Pic 5



Pic 6



Pic 7

4.2 WiFi wallswitch

4.2.1 Product features

Safety Notes

- Small splinters of glass can lead to injuries if touched. Dispose of the product immediately if it is damaged or splintered during application or use.
- Only touch the damaged or splintered product on undamaged areas and the edge.
- Be very careful while doing so, thoroughly wash your hands afterwards and avoid contact with face and eyes.

Warning

- Do not use any heat-generating devices (such as electric blankets, coffee machines, etc.) with this product. There is a risk of fire and injury.
- Do not use this product with any devices that are motorised or any devices that have a rotating component or workpiece. There is a risk of injury.
- The device may only be operated on a 230 V 50 Hz AC voltage supply. Work with the 230 V mains supply may only be carried out by electricians certified in your country. The applicable accident prevention regulations are to be observed.
- To avoid an electric shock from the device, please disconnect the mains voltage (switch off circuit breaker). Failure to observe the installation instructions can cause fires or other hazards.

Risk of electric shock

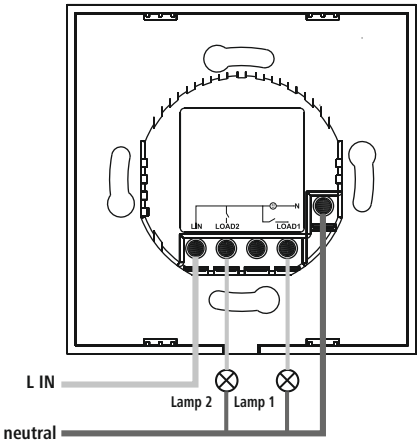
Do not open the product. Do not continue to operate the product if it is damaged, which may be indicated by smoke, odour or loud noises. Immediately contact your dealer or our service department (see item "Service and Support").

This WiFi wall switch controls up to two ceiling lamps in the home (switch on/off). Existing wall switches can be simply replaced with it; maximum total load of 1000 W. The following voice command is available:

- Turn on/off
  'Alexa/OK Google, turn on/off the light in the living room.'

4.2.2 Mounting

- Switch off the fuse (fuse box) that corresponds to the room in which you want to install the switch.
- Verify that the wires are dead using a suitable measuring device (for example, multimeter).
- Connect the WiFi touch wall switch as illustrated below:



- Install the switch in a suitable in-wall or surface-mount box.
- Put the glass cover back onto the switch, and check whether the cover has snapped firmly into place.

4.2.3 Integrating devices in the Hama Smart Solution app

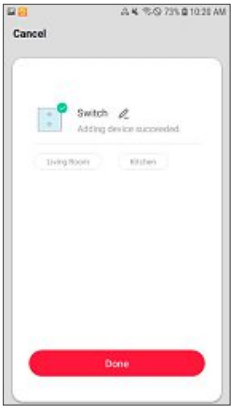
- Switch the fuse back on.
- The two buttons should now flash, alternating between blue and red.
- If this is not the case, touch one of the switches for longer than 5 seconds.
- Now open the Hama Smart Solution app and log in.
- Press **+** in the upper-right corner to add a new device.
- Select **Switches** in the list and then select your device.
- Now confirm that the control light flashes quickly.





- Next enter your WiFi password and confirm with **OK**.
- The WiFi touch wall switch will now be connected.





- The control light stops flashing and the app confirms that your wall switch was connected. You can now give the wall switch a name.
- Click **Finish** to complete the process.
- You can now control the WiFi wall switch with the app.



4.3 WiFi Power Socket

4.3.1 Product features

Safety Notes

Risk of electric shock

- Do not open the product. Do not continue to operate the product if it is damaged, which may be indicated by smoke, odour or loud noises. Immediately contact your dealer or our service department (see item "Service and Support").
- Do not use the product if the AC adapter, the adapter cable or the mains cable are damaged.
- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.

Warning

- Only connect the product to a socket that has been approved for the device. The socket must be installed close to the product and easily accessible.
- The product has replaceable fuse. Always replace this fuse with the same type of fuse with the same electrical values.
- When using a multi-socket power strip, make sure that the sum power draw of all the connected devices does not exceed its maximum throughput rating.
- If you will not be using the product for a long period of time, disconnect it from mains power.

Warning

- Do not use any heat-generating devices (such as electric blankets, coffee machines, etc.) with this product. There is a risk of fire and injury.
- Do not use this product with any devices that are motorised or any devices that have a rotating component or workpiece. There is a risk of injury.
- Never connect multiple units of this product in series.

This WiFi socket controls electrical devices (for example, a floor lamp) in the home (switch on/off).
The following voice command is available:

- Turn on/off
  'Alexa/OK Google, turn on/off the light.'

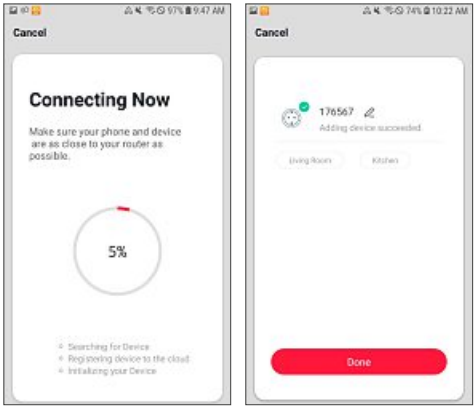
4.3.2 Integrating devices in the Hama Smart Solution app

- Connect the WiFi socket adapter to a properly installed and easily accessible mains socket.
- Press and hold the button on the front side for approx. 5 seconds until the blue LED begins to flash quickly.
- Open the **Hama Smart Solution** app and log in.
- Press **+** in the upper-right corner to add a new device.
- Select 'Sockets' in the list and then select your device.
- Now confirm that the LED flashes quickly.

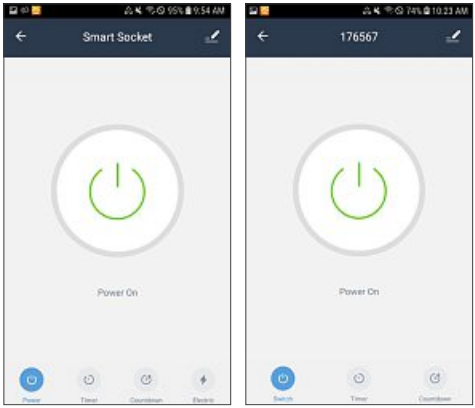




- Next enter your WiFi password and confirm with OK.
- Your power socket will now be connected.



- Once the connection has been established, the LED stops flashing quickly and the app confirms that your socket was connected. You can now give the socket a name.
- Click **Finish** to complete the process.
- You can now control the WiFi Smart socket.

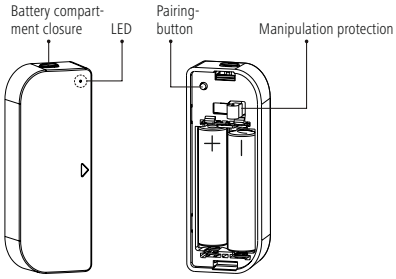


4.4 WiFi Door / Window Contact

4.4.1 Product features

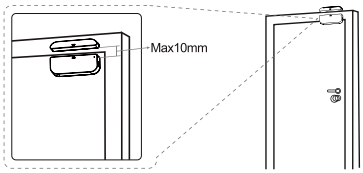
This WiFi door/window contact is used for monitoring (push message to smartphone on triggering) and querying the status of windows and doors (open/closed).
The following voice command is available:

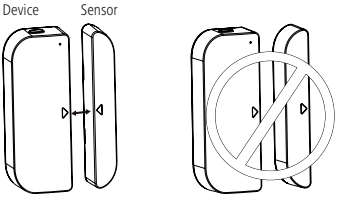
- Status query
  'Alexa/OK Google, is my window/door open/closed?'



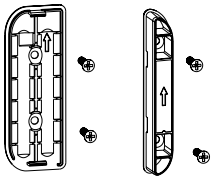
4.4.2 Mounting

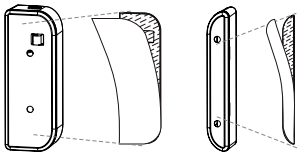
- We recommend attaching the sensor on the window or door frame and the device directly on the window or door.
- Ensure that the markings (triangles) on the device and the sensor are lined up and separated by no more than 10 mm when the door or window is closed.



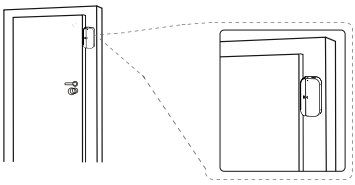


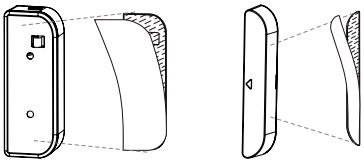
- You can fix the device and the sensor with screws, or attach them using adhesive pads.





- If a door leaf or window sticks out, the sensor can also be attached at the side, and the device can be attached flat on the frame.





Warning - Installation with adhesive pad

- All parts are intended for indoor use only. Do not install them outdoors.
- Please note that the installation surface you choose should be free of dust and grease. Use a suitable cleaning agent from a specialised dealer to clean the surface.
- Note that the adhesive pad attachment is permanent. To remove the adhesive pad, carefully pull it off the installation surface.
- Various environmental factors such as ambient humidity, sunlight or cold can impair the durability of the adhesive pad.
- We cannot guarantee that residue will not be left on the mounting surface after the adhesive pad is removed.

4.4.3 Integrating devices in the Hama Smart Solution app

Now insert the two AAA batteries supplied, observing correct polarity. When you press the anti-theft protection, the LED should briefly light up blue; if not, please replace the batteries

Warning - Batteries

- When inserting batteries, note the correct polarity (+ and - markings) and insert the batteries accordingly. Failure to do so could result in the batteries leaking or exploding.
- Only use batteries (or rechargeable batteries) that match the specified type.
- Before you insert the batteries, clean the battery contacts and the polar contacts.
- Do not allow children to change batteries without supervision.
- Do not mix old and new batteries or batteries of a different type or make.
- Remove the batteries from products that are not being used for an extended period (unless these are being kept ready for an emergency).
- Do not short-circuit batteries.
- Do not charge batteries.
- Do not throw batteries in a fire.
- Keep batteries out of the reach of children.
- Never open, damage or swallow batteries or allow them to enter the environment. They can contain toxic, environmentally harmful heavy metals.
- Immediately remove and dispose of dead batteries from the product.
- Avoid storing, charging or using the device in extreme temperatures and extremely low atmospheric pressure (for example, at high altitudes).

- Now press the Pairing button for 5 seconds. The LED begins to flash red quickly. If it flashes slowly, press the button again for 5 seconds.
- Open the app and log in.
- Press **+** in the upper-right corner to add a new device.
- Select **Sensors** in the list and then select your device.
- Now confirm that the LED flashes quickly.





- Next enter your WiFi password and confirm with OK.
- Your sensor will now be connected.



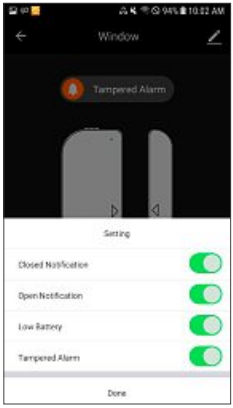


- Once the connection has been established, the LED stops flashing quickly and the app confirms that your sensor was connected. You can now give it a name.
- Click **Finish** to complete the process.
- You can now fit the sensor and then configure it.





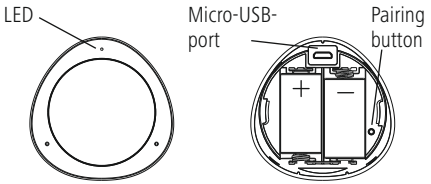




4.5 WiFi Motion Detector

4.5.1 Product features

This WiFi motion detector can be used for monitoring (push message to smartphone on triggering) or for controlling other smart products (for example, lamps).



4.5.2 Mounting

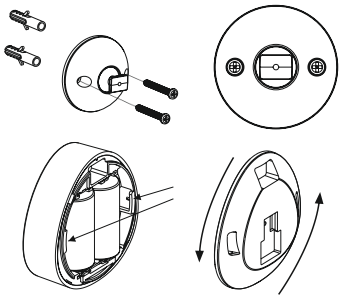
Warning

- Before mounting, check that the wall you have chosen is suitable for the weight to be mounted. Also make sure that there are no electric, water, gas or other lines running through the wall at the mounting site.
- Buy special or suitable installation material from a specialised dealer for wall-mounting.

- You can fix the sensor with screws, or attach it using an adhesive pad.

Warning - Installation with adhesive pad

- All parts are intended for indoor use only. Do not install them outdoors.
- Please note that the installation surface you choose should be free of dust and grease. Use a suitable cleaning agent from a specialised dealer to clean the surface.
- Note that the adhesive pad attachment is permanent. To remove the adhesive pad, carefully pull it off the installation surface.
- Various environmental factors such as ambient humidity, sunlight or cold can impair the durability of the adhesive pad.
- We cannot guarantee that residue will not be left on the mounting surface after the adhesive pad is removed.



- The sensor can be powered using batteries or mains power (via USB).
- For battery operation, untwist the back of the product **anti-clockwise** to open the battery compartment. Now insert the two CR123A batteries supplied, observing correct polarity.

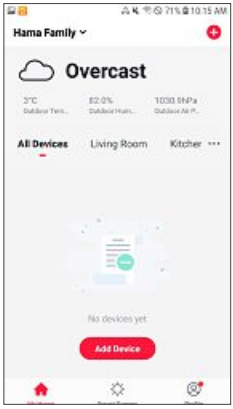
Warning - Batteries

- When inserting batteries, note the correct polarity (+ and - markings) and insert the batteries accordingly. Failure to do so could result in the batteries leaking or exploding.
- Only use batteries (or rechargeable batteries) that match the specified type.
- Before you insert the batteries, clean the battery contacts and the polar contacts.
- Do not allow children to change batteries without supervision.
- Do not mix old and new batteries or batteries of a different type or make.
- Remove the batteries from products that are not being used for an extended period (unless these are being kept ready for an emergency).
- Do not short-circuit batteries.
- Do not charge batteries.
- Do not throw batteries in a fire.
- Keep batteries out of the reach of children.
- Never open, damage or swallow batteries or allow them to enter the environment. They can contain toxic, environmentally harmful heavy metals.
- Immediately remove and dispose of dead batteries from the product.
- Avoid storing, charging or using the device in extreme temperatures and extremely low atmospheric pressure (for example, at high altitudes).

- For USB operation, connect a Micro-USB cable (not included in delivery) to the Micro-USB port and to a suitable USB power supply (not included in delivery). Plug the power supply into an easily accessible power socket. When powering the device using a USB power supply, make sure there are no batteries inside the device.

4.5.3 Integrating devices in the Hama Smart Solution app

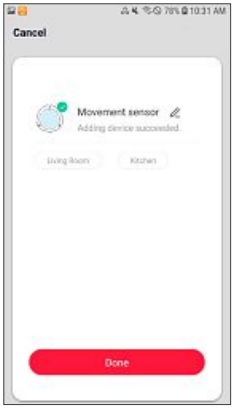
- The LED begins to flash blue quickly. If it flashes slowly or not at all, press the Pairing button for 5 seconds.
- Open the app and log in.
- Press **+** in the upper-right corner to add a new device.
- Select **Sensors** in the list and then select your device.
- Now confirm that the LED flashes quickly.



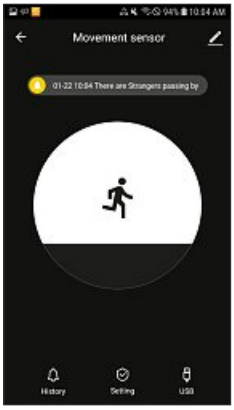


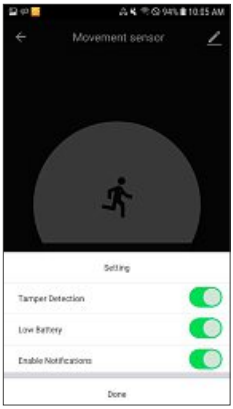
- Next enter your WiFi password and confirm with **OK**. Your sensor will now be connected.

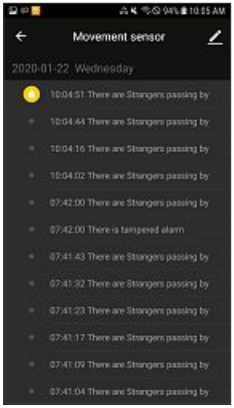




- Once the connection has been established, the LED stops flashing quickly and the app confirms that your sensor was connected. You can now give it a name.
- Click **Finish** to complete the process.
- You can now fit the sensor and then configure it.







4.6 WiFi camera

4.6.1 Product features

Note

- Protect the product from dirt, moisture and overheating, and only use it in a dry environment.
- Connect the product only to a socket that has been approved for the device. The socket must be installed close to the product and must be easily accessible.
- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.
- Do not continue to operate the device if it becomes visibly damaged.
- The product is intended for indoor use only.
- Keep this product, as all electrical products, out of the reach of children!

4.6.2 Installation

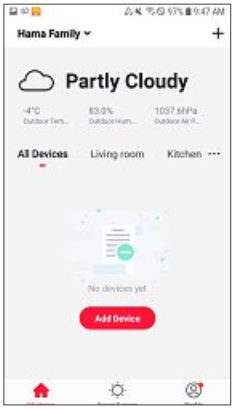
- You can attach the camera using adhesive pads.
- Power can be supplied to the camera only via USB.
- For USB operation, connect a Micro-USB cable (included in delivery) to the Micro-USB port and to a suitable USB power supply (included in delivery). Plug the power supply unit into a socket. Connect the product only to a socket that is approved for the device. The socket must be installed close to the product and must be easily accessible. When powering the device using a USB power supply, make sure there are no batteries inside the device.

Warning - Installation with adhesive pad

- All parts are intended for indoor use only. Do not install them outdoors.
- Please note that the installation surface you choose should be free of dust and grease. Use a suitable cleaning agent from a specialised dealer to clean the surface.
- Note that the adhesive pad attachment is permanent. To remove the adhesive pad, carefully pull it off the installation surface.
- Various environmental factors such as ambient humidity, sunlight or cold can impair the durability of the adhesive pad.
- We cannot guarantee that residue will not be left on the mounting surface after the adhesive pad is removed.

4.6.3 Integrating devices into the Hama Smart Solution app

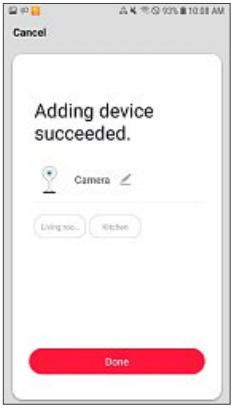
- Connect the WiFi camera to the USB cable supplied and the power supply unit. Plug the power supply unit into a socket.
- Wait a moment until the camera emits a signal tone and the **LED** begins to flash **red**.
- Open the app and tap '**My home**' at the lower-left edge of the screen.
- Then tap '**+**' at the upper-right edge of the screen, select the 'Cameras' category followed by item number '00176566'.
- Tap '**OK**' to confirm that the camera is flashing.



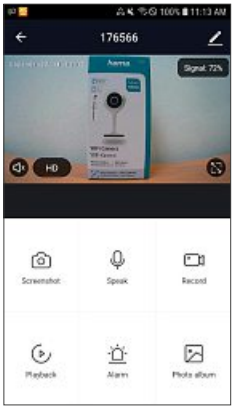


- Then enter the name of your WiFi network and the password. Tap '**OK**' to confirm your entries.
- Now scan the QR code with the camera. Tap 'I heard the beep' to confirm that you heard a signal tone. The camera will now be connected.





- Once the connection has been established, the LED stops flashing quickly and emits a constant blue light; the app confirms that your camera was connected. You can now give the camera a name.
- Click 'Finish' to complete the process.
- Now you can attach the camera and set up, control and configure it using the app.





- 'Screenshot' allows you to take a snapshot.
- 'Speak' allows you to speak via the camera.
- 'Record' allows you to record the image currently shown and store it in your gallery.
- 'Playback' allows you to view past video recordings. They are stored in encrypted form on an SD card (not included in delivery), which must be inserted into the camera.
- 'Alarm' allows you to access the motion detection settings and configure them.
- 'Photo Album / Cloud Storage' allows you to locate the recorded images and videos.

Note - Pairing restart

Press and hold the Reset button on the back for approximately 5 seconds until a signal tone sounds. As soon as the LED begins to flash red, you can make another pairing attempt.

4.7 WiFi controller for LED strips

4.7.1 Product features

Note

- Protect the product from dirt, moisture and overheating, and only use it in a dry environment.
- Operate the product only with a mains plug that is approved for the device, and connect it to a socket approved for the device. The socket must be installed close to the product and must be easily accessible.

Risk of electric shock

- Do not use damaged or unsuitable power supply units or LED light strips.
- When changing LED light strips, always ensure that the LED light strip in question is current-free. Switch off the current and/or pull the mains plug.
- Do not open the product. Do not continue to operate the product if it is damaged, which may be indicated by smoke, odours or loud noises. Contact your dealer or our service department immediately (see „Service and support").

4.7.2 Installation

- Connect the WiFi controller to an LED light strip. Make sure that the polarity is correct: The arrow on the plug indicates that the contact that must be connected to the 12 V contact of the LED light strip. Please also refer to the operating instructions for the LED light strip used.
- Then connect the controller to a properly installed and easily accessible power socket via a power supply unit. Please refer to the operating instructions for the power supply unit used.

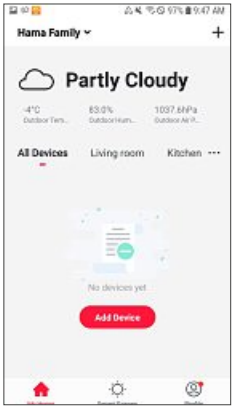
Warning

- Use this product only with power supply units and LED light strips (GRB, BRG) that are approved for the application. To this end, check the technical specifications of the power supply unit, LED light strip and WiFi controller for compatibility.
- Before carrying out the installation, check that the power supply unit and LED light strip are in perfect technical condition.
- Please note that lights (even LEDs) can generate heat and may become hot. Always let the light cool off for a few minutes before touching it or changing it.
- Disconnect the product from the mains if it will not be used for a long period of time.

4.7.3 Integrating devices into the Hama Smart Solution app

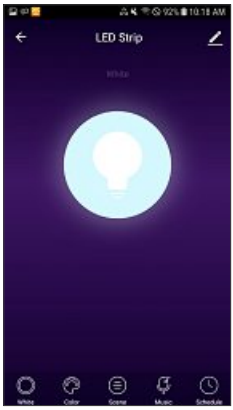
- Connect the WiFi controller to an LED light strip. Make sure that the polarity is correct: The arrow on the plug indicates that the contact that must be connected to the 12 V contact of the LED light strip. Please also refer to the operating instructions for the LED light strip used.
- Then connect the controller to a properly installed and easily accessible power socket via a power supply unit. Please refer to the operating instructions for the power supply unit used.
- The LED light strip begins to flash quickly. If this does not happen, quickly disconnect and reconnect the power supply unit three times.
- Open the Hama Smart Solution app and tap 'My home' at the lower-left edge of the screen.

- Then tap '**+**' at the upper-right edge of the screen. Select the '**Switches**' category followed by item number '00176568'.
- Tap '**OK**' to confirm that the LED light strip is flashing quickly.





- Then enter the name of your WiFi network and the password. Tap '**OK**' to confirm your entries.
- The WiFi controller is now connected to the app. Once the connection has been established, the LED light strip stops flashing. You can now give the controller a name.
- Click 'Finish' to complete the process.
- You can now set up, control and configure the WiFi controller using the app.



- '**White**' allows you to specify that white light should be emitted.
- '**Color**' allows you to change the colour, brightness and saturation of the light strip.
- '**Scene**' allows you to set up automated colour changes.
- '**Music**' allows you to make the LED controller react to background music.
- '**Schedule**' allows you to schedule when the light strip automatically switches on.

Note

If the colours blue and green are displayed in the opposite sequence to in the app, disconnect the controller from the power, and connect the supplied adapter cable between the controller and the LED light strip.

5. Timer, automation and 1-click control

5.1. Timer*

To access the Timer area, click the **Schedule** button. Here you can program the device to switch on or off at particular times.

- Press **Add Timing**.
- In the upper area, select the desired time; then select whether you would like to execute the command repeatedly and, lastly, whether the smart product should switch on or off at this time.
- Confirm your programming by pressing **Save** in the upper-right area.
- You can also add a comment and have an execution message output on your mobile phone.

* Does not apply to the window/door contact 00176553, the motion detector 00176554 or the camera 00176566

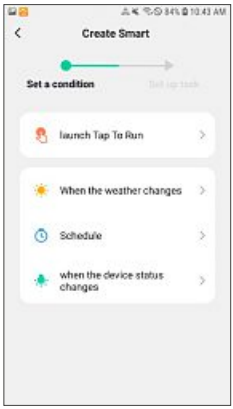
5.2 1-click control and automation

- 1-click control is used to control multiple devices with one click, or by voice command with an AI speaker. With automation, tasks and settings can be executed automatically based on conditions (for example, sunset at 19:00 hrs ¨ floor lamp controlled using smart socket switches on).
- Press **Smart** in the bar at the bottom and then press + in the upper-right area.

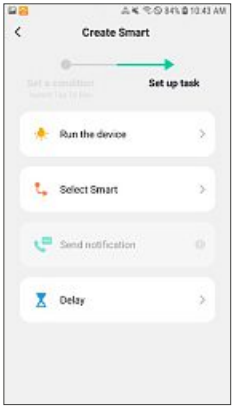




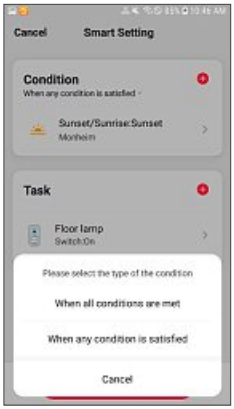
- You are now on the 'Create Smart' screen.

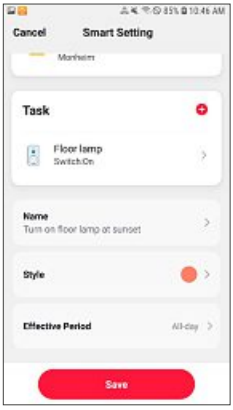


- If you press 'Launch Tap to Run', you will access the screen for setting up the tasks for 1-click control.
- If you tap 'When the weather changes', 'Schedule' or 'When the device status changes', then you can select a condition for the execution of the automation. Various possibilities are available here. With 'When the device status changes', you can set, for example, the smart motion detector 00176554 so that a task can be executed when movement is detected.
- The tasks for 1-click control and automation are set up in exactly the same way. Here, you can select between three possibilities for 1-click control, and four for automation.



- 'Run the Device' allows you to select a device from those you have integrated into the app, and have it switch on or off automatically.
- 'Select Smart' allows you to execute/activate a scene (1-click control) or an automation.
- For an automation, you can also have a push notification sent to your mobile phone (for this purpose, select 'Send Notification'). You therefore receive a notification when the automation is executed.
- 'Delay' allows you to select a time that is to elapse before another action is executed.





- If, after selecting the task, you press 'Next' in the upper-right area, you are taken to a 'Smart Setting' screen, in which your selected conditions/prerequisites (only for automation) and tasks are shown ordered. Now you can select further prerequisites/states, and specify whether only one of the states, or all of them, must be fulfilled for the automation to be executed. If you scroll down, you can also add new tasks, or move a task by pressing and holding on it. By moving a task to the left, you can delete it.
- 'Name' allows you to give your 1-click control or automation a name.
- 'Style' allows you to assign a colour and a picture to your 1-click control or automation, which are subsequently displayed in the app.
- 'Effective Period' allows you to select the times at which your 1-click control or automation can be executed, and the days on which it is effective.

6. Integration in Amazon Alexa

A detailed guide on connecting your smart products to Alexa can be found at www.amazon.co.uk, under 'Connect Smart Home Devices to Alexa' in the Help. Follow the instructions there.

Note - Groups and scenes (Alexa app)

- If you have already created groups and/or scenes in the Hama Smart Solution app, you might not be able to use them in the Alexa app.
- It is only possible to group lamps with the Alexa app; scenes are not possible.

7. Integration in Google Home

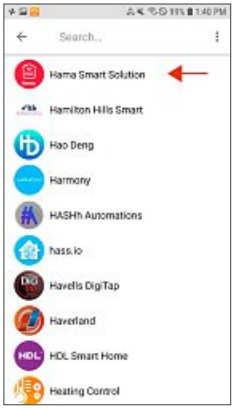
- Install the Google Home app from the Google Play Store.
- Log into the app.
- Grant the necessary permissions to the app.
- To integrate the products, click on the **+** in the top left corner (Pic 9).
- Then select **Set up device**.
- Now click the category **Have something already set up?** (Pic 10) (If necessary, the app will now update.)
- Now select **Hama Smart Solution** (Pic 11) in the list and log in with the data for your app.
- Confirm with **Link now** (Pic 12), and in the next list confirm **Hama Smart Solution** once more (Pic 13).
- Click **Link now** (Pic 14), then **Authorize** (Pic 15), and your accounts will be linked.
- Finally, you can rename your devices (for example: fan) or assign them to individual rooms (for example: office).
- Now you can also use your voice and the Google Home app to control your devices.



Pic 9

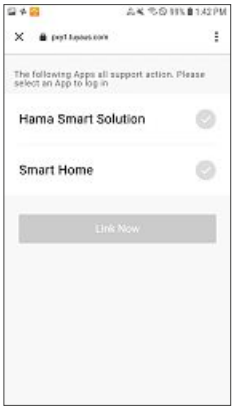


Pic 10

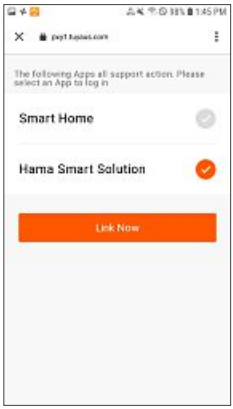




Pic 11

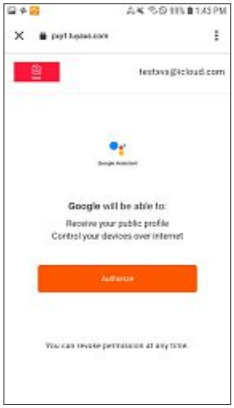


Pic 12

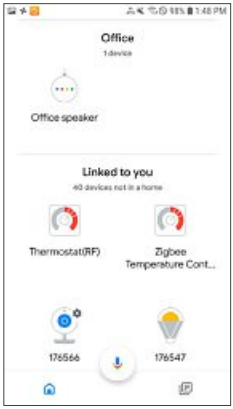


Pic 13

Pic 14



Pic 15



Pic 16

8. FAQs and support

How devices are networked

- Step 1: Add device

1. First ensure the power supply and then switch on the device.
2. After opening the app, click '+' at the top right of the start page to add the device, enter the appropriate page and select the corresponding product category.
3. Putting the device into network status:
   The WiFi indicator flashes quickly (twice per second).

   Above the 'Confirmation indicator flashes' button, you will find the 'Set fast flashing of indicator' explanation, which explains how to proceed.

In the case of products that have a switch (such as the socket, for example) but no reset button, you normally press and hold the switch for 5 seconds.

In the case of lamps that do not have their own switch, you twist them into the corresponding fixture, press the light switch three times ('On-Off-On-Off-On-Off-On') and leave the device switched on. The process is completed as soon as the lamp flashes quickly.
If the product has a reset button, normally you simply have to press it.

You may find it useful to refer to the operating instructions of the actual product, in order to find out about the network integration settings.

Step 2: Entering the WiFi password

Select the WiFi network that the device is to connect to. Enter the WiFi password and then click 'OK' to call up the network settings. Only 2.4 GHz WiFi is currently supported for the network integration. Check whether, in your case, the network is a 2.4 GHz network.

The network connection is displayed after a few seconds.

How to troubleshoot connection errors (device integration has failed)

1. Make sure that the device is supplied with power and is switched on.
2. Make sure that the device is in network state.
3. Make sure that the device, smartphone and router are close together.
4. Make sure that the router and smartphone have a network connection.
5. Make sure that you have entered the correct router password.
6. Make sure that the device you want to integrate into the network is using the 2.4 GHz WiFi band. WiFi must be activated and must not be set to hidden.
7. Make sure that the WiFi encryption mode configured for the router is WPA2-PSK, the authentication type is AES, or both are set to automatic. The WiFi mode must not be set to 11n only.
8. If the maximum number of devices that can access the router has already been reached, you can try deactivating the WiFi function of a device in order to reconfigure the channel.
9. If WiFi MAC address filtering is activated on the router, try removing the device from the router's MAC filter list to ensure that the router does not block the device from the network.

What should I do if the device is displayed as offline?

1. Make sure that the device is supplied with power.
2. Make sure that the network the device is on is stable. How to check the status: Integrate your smartphone or tablet into the same network and lay it next to the device. Try to open the Web page.
3. Make sure that the WiFi home network functions properly, and check whether the WiFi name, the password, etc., were changed. If this is the case, please reset the device and add it again. Removing a device: Open the app to access the device control page, click the '...' button in the top-right corner to display further pages, and click 'Delete device' at the end of the page.
4. After the router has restarted, wait 3 minutes to see the device status.
5. If the network status has not changed after troubleshooting, go to the device's control page and click the '...' button in the top-right corner to display further pages. Click 'Feedback' to specify the problem that has occurred and your router model.

Using the app

The app cannot remotely control the device; after the remote control attempt, the settings are not applied.

If the app control does not work, this can be due to the network, or the device may not be connected to the network.

1. Make sure that the device is supplied with power.
2. Leave the app open for about 3 minutes to check whether the device status is still online.
3. If you are still online, lay your smartphone next to the device, connect it to the same WiFi network as the device, and try opening the Web page to determine whether the network is functioning properly.

4. If control is not possible even though the device is on the network and network reception is good, go to the device's control page and click the '...' button in the top-right corner to display further pages. Click 'Feedback' to specify the problem that has occurred and your router model.

Once the device is connected to the network, the control works at the same location, but as soon as the smartphone changes its network address or a different network is used, the control no longer works.

Under these circumstances, it is possible that the device and the smartphone are connected via the same local area network, but are not connected to the Internet.

1. Lay your smartphone next to the device, connect it to the same WiFi network as the device, and try opening a Web page to determine whether there is an active Internet connection.
2. If you have no Internet access, try restarting the router.
3. If the device is connected to the Internet but the problem described above still occurs, go to the device's control page and click the '...' button in the top-right corner to display further pages. Click 'Feedback' to specify the problem that has occurred and your router model.

The actual device status does not correspond to the status displayed in the app
If the device is controlled by a physical switch, it is possible that the device status cannot be immediately synchronised through opening of the app.

Open the app again. The device status should now update in operation.

After the power supply of the lamp has been interrupted and then restored, the light that was originally switched off suddenly switches on.
In this case, the lamp itself does not have a switch (and the house switch is not controlled through intelligent networking, and the scene settings are not activated). When such a device is connected to the network, the lamp's physical switch must be turned on before the app is able to control the lamp. If, however, the power supply is interrupted, the connection between the lamp and app is also interrupted. As a result, the lamp becomes a standard lamp again. If the power supply is now restored, the 'On' physical switching state applies, meaning the light is switched on.

How can I deactivate a countdown after it has been set?
Set the countdown to 0 hours 0 minutes; this will deactivate it.
Switch the temperature display between Celsius and Fahrenheit.

Open the personal settings in the app, click the profile image to open the page with the basic settings, and select the desired unit under 'Temperature unit'. After the change, the selected temperature unit is used in accordance with the subsequent settings scene.

What should I do if 'SmartLife-xxxx' cannot be found in the network when using compatibility mode?
Search in the WiFi list for 'undefined-xxxx' or other similar hotspot types, in order to establish a connection.

Third-party controls
How do I check which controls of third-party providers are supported by my device?

First register the device in the app, then go to the device control page. Click the '...' button in the top-right corner to display further pages. In 'Supported third-party control', you can display the third-party control supported by the device. Here you can click the symbol for the third-party control to view the user guide.
What do I do if voice control does not work for third-party products in spite of a connection?

Please check in the third-party app whether the command was correctly recognised. Further information can be found in the operating instructions of the third-party provider.

Note
Subject to changes in the course of further technical development.

9. Technical Data

WiFi-LED Light	**176547**
Light output	806 lm
Output	10 W
Light colour	2700 K – 6500 K (warm white to cold white)
Multicolor	✓
Lamp Current	80 mA
Frequency band / frequency bands	2,4 GHz
Power supply	5V/1A

USB frequency band	2,4 GHz
Maximum emitted transmitting power	92,16 mW

WiFi-Lampen	**176548**
Light output	300 lm
Output	4,5 W
Light colour	2700 K – 6500 K (warm white to cold white)
Multicolor	✓
Lamp Current	42 mA
Frequency band / frequency bands	2,4 GHz

WiFi-Lampen	**176549**	**176550**
Light output	350 lm	806 lm
Output	4,5 W	10 W
Light colour	2700 K – 6500 K (warm white to cold white)	2700 K – 6500 K (warm white to cold white)
Multicolor	✓	–
Lamp Current	42 mA	80 mA
Frequency band / frequency bands	2,4 GHz	2,4 GHz

Frequency band / frequency bands	2,4GHz
Degree of protection	IP 20 (indoor use)

WiFi Door / Window Contact	**176553**
Power supply	2 x AAA Batteries, 3V
Frequency band / frequency bands	2,4 GHz

WiFi Motion Detector	**176554**
Power supply	2 x CR123A batteries, 3 V or USB 5 V ⎓ 1 A
Range	Max. 10 m
Frequency band / frequency bands	2,4 GHz

WiFi LED Filament	**176555**
Light output	800 lm
Output	7 W
Light colour	2700 K
Multicolor	–
Lamp Current	60 mA
Frequency band / frequency bands	2,4 GHz

WiFi Touch Wall Switch	**176551**
Input voltage	230 V / 50 Hz
Output voltage	230 V / 50 Hz
Maximum connected load	1000 W
Frequency band / frequency bands	2,4 GHz

WiFi socket	**176552**
Input voltage	220-240V / 50Hz
Output voltage	220-240V / 50Hz
Maximum connection power	16A, 3680W

WiFi Upgrade Switch for Lights and Sockets	**176556**
Input voltage	230 V ~, 50 Hz
Maximum connected load	2300 W
Frequency band	2,4 GHz
Maximum emitted transmitting power	60 mW

WiFi-LED Light	**176558**
Frequency band / frequency bands	2,4 GHz
Maximum emitted transmitting power	0,015 W

WiFi-LED Light	176559
Frequency band / frequency bands	2,4 GHz
Maximum emitted transmitting power	0,015 W

WiFi Socket with	176565
Input/output voltage	220–240 V ~ / 50 Hz
Maximum connected load	16 (2) A, 3680 W
Frequency band	2,4 GHz
Maximum emitted transmitting power	0,0931 W

WiFi camera	176566
Power supply	5 V ⎓ 1 A über USB
Frequency band	2,4 G
Maximum emitted transmitting power	92,16 mW

WiFi Socket	176567
Input/output voltage	220–240 V ~ / 50 Hz
Maximum connected load	10 A, 2300 W
Frequency band	2,4 GHz
Maximum emitted transmitting power	0,044 W

WiFi Controller	176568
Power supply	12V, max. 5A
Maximum connected load	60W
Frequency band / frequency bands	2,4 GHz
Maximum emitted transmitting power	0,08 W

Outdoor WiFi socket	176570
Input/output voltage	220–240 V ~ / 50 Hz
Maximum connected load	10 A, 2300 W
Frequency band	2,4 GHz
Maximum emitted transmitting power	0,1 W

10. Care and Maintenance

Note

Disconnect the device from the power supply before cleaning it or if it is not going to be used for a long period of time.

- Only clean this product with a slightly damp, lint-free cloth and do not use aggressive cleaning agents.
- Make sure that water does not get into the product.

11. Warranty Disclaimer

Hama GmbH & Co KG assumes no liability and provides no warranty for damage resulting from improper installation/ mounting, improper use of the product or from failure to observe the operating instructions and/or safety notes.

12. Note on environmental protection:

After the implementation of the European Directive 2012/19/EU and 2006/66/EU in the national legal system, the following applies: Electric and electronic devices as well as batteries must not be disposed of with household waste. Consumers are obliged by law to return electrical and electronic devices as well as batteries at the end of their service lives to the public collecting points set up for this purpose or point of sale. Details to this are defined by the national law of the respective country. This symbol on the product, the instruction manual or the package indicates that a product is subject to these regulations. By recycling, reusing the materials or other forms of utilising old devices/batteries, you are making an important contribution to protecting our environment.

13. Declaration of Conformity

Hereby, Hama GmbH & Co KG declares that the radio equipment type [00176547/00176548/ 00176549/00176550/00176551/00176552/00176553/ 00176554/00176555/00176556/00176558/00176559/ 00176565/00176566/00176567/00176568/0017657 0 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
www.hama.com -> 00176547 -> Downloads
www.hama.com -> 00176548 -> Downloads
www.hama.com -> 00176549 -> Downloads
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