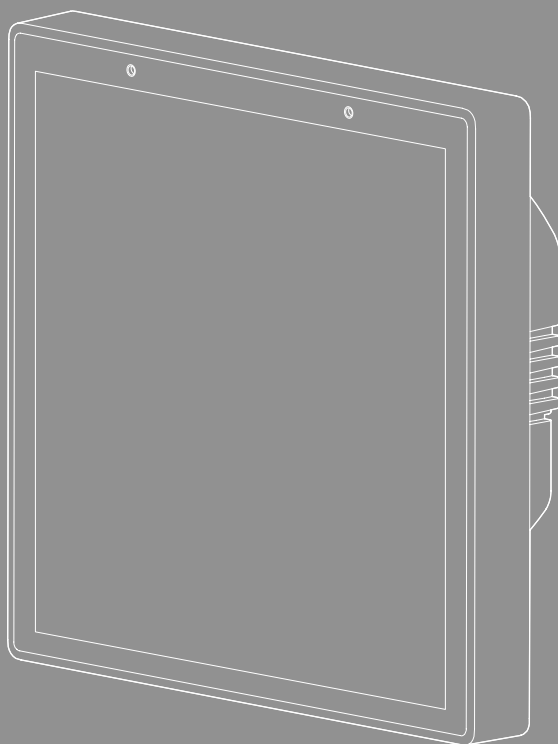


WIFI WALL DISPLAY





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1. Introduction

Thank you for choosing a Hama product.

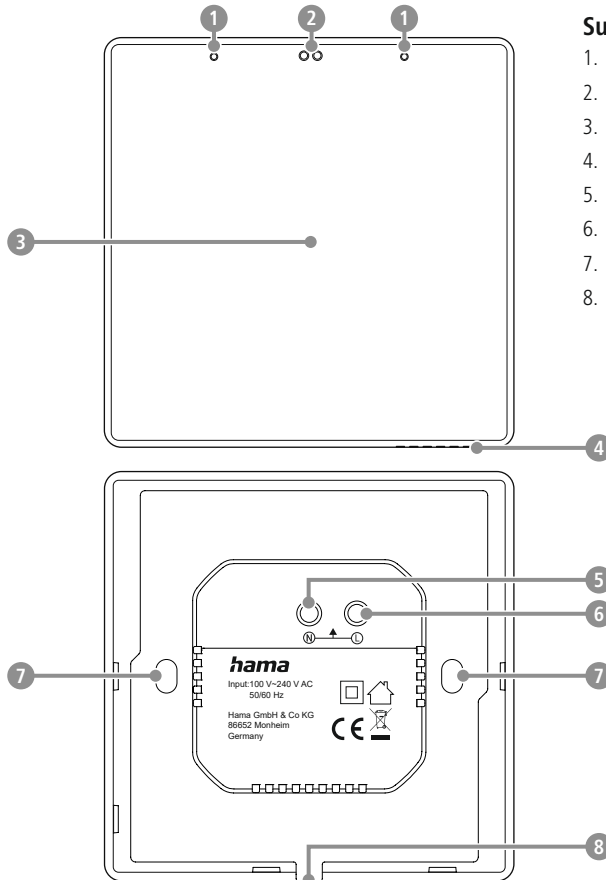
Take your time and read the following instructions and information completely.

Please keep these operating 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 Correct use

The WiFi wall display is suitable for displaying and controlling compatible Smart Home devices within a WLAN. The WiFi wall display is suitable for indoor use only.

Any other use is considered incorrect. Unauthorised modifications or conversions are not permitted and will invalidate the warranty. Do not open your WiFi wall display yourself under any circumstances and do not attempt to carry out any repairs yourself.



Summary

1. Microphone
2. Brightness sensors
3. Touch display
4. Loudspeaker
5. Socket for neutral conductor
6. Socket for phase conductor
7. Mounting holes
8. Recess for detaching the display from the bracket

1.2 Explanation of warning symbols and notes

Risk of electric shock



This symbol indicates a risk of electric shock from touching uninsulated product parts that may carry hazardous voltage.

Warning



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

Note



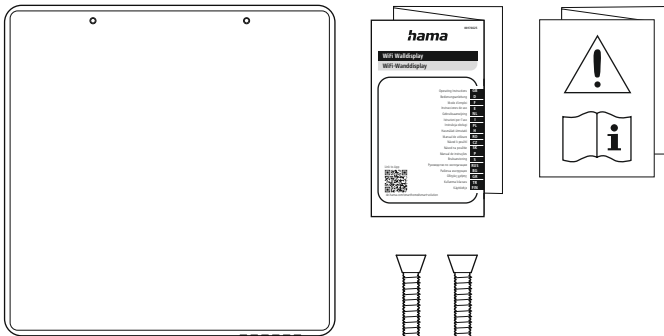
This symbol is used to indicate additional information or important notes.

1.3 Explanation of symbols used on the product label

	<p>Electrical device of safety class II. Protection against electric shock thanks to reinforced or double insulation of live parts.</p>
	<p>The product may only be connected by a qualified electrician who complies with national regulations and those of the local energy supply company, and who has sufficient knowledge regarding installation locations, fire protection and electrical installation work.</p>
	<p>The product is intended only for indoor use.</p>
	<p>Attention! There is a risk of electric shock on contact.</p>

2. Packaging contents

- 1 × WiFi wall display (incl. bracket)
- 2 × screws
- 1 × quick reference guide





3. Safety instructions

Risk of electric shock



- Do not open the device or continue to operate it if it becomes damaged.
- Do not use the product if the power cord is damaged.
- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.

Warning



- The product is part of the building installation. During planning and setup, the relevant national standards and directives must be observed. The product may only be operated on a 230 V 50 Hz AC voltage network. Work on the 230 V network must only be carried out by an electrician certified in your country. Observe the applicable accident prevention regulations.
 - To avoid electric shock to the product, switch off the mains voltage (switch off the automatic circuit breaker). Failure to comply with the installation instructions can cause fires or other hazards.
 - The installation must be carried out only in conventional flush-mounted sockets with a minimum depth of 40 mm.
 - When connecting to the device terminals, note the permissible cables and cable cross-sections for this.
 - Observe the circuit diagram carefully!
 - 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 tool. There is a risk of injury.
- The product is intended only for indoor use.
 - 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 product if it is visibly damaged.
 - Only operate the product with the safety covers closed.
 - Use the product only for the intended purpose.
 - Protect the product from dirt, moisture and overheating and use it in dry rooms only.
 - Do not use the product in the immediate vicinity of heaters, other heat sources or in direct sunlight.
 - Only use the product under moderate climatic conditions.
 - As with all electrical products, this device should be kept out of the reach of children.
 - Do not operate the product outside the power limits given in the specifications.
 - Do not use the product in areas in which electronic products are not permitted.
 - Do not use the product in a damp environment and avoid splashing water.
 - Do not drop the product and do not expose it to any major shocks.
 - Do not modify the product in any way. You will lose any warranty claims.
 - Dispose of packaging material in accordance with the locally applicable regulations.



- You may only operate the product on a supply network as described on the type plate.
- Do not twist, kink or crush the cable.
- 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.
- Small splinters of glass can lead to injuries if touched. Dispose of the product immediately if it is damaged and/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.

4. Getting started

To be able to use all the functions of the WiFi wall display, the following requirements must be met:

- You have active WLAN access with a 2.4 GHz frequency band.
- You have a smartphone/tablet with WLAN function.
- You have access to the **Hama Smart Home** app (see Page 10).
- You have other smart home devices from the Hama GmbH range such as the WLAN socket, WLAN LED lamps, WLAN heating control, etc.
Alternatively, you have ZigBee-compatible Smart Home devices.

Note

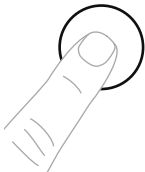


- For more information on Hama Smart Home and other Smart Home products, please visit:
www.hama.com ⇒ Produkte ⇒ Smart Home

4.1 Basics of operation

You operate your WiFi wall display via the touch-sensitive display. Tap and swipe your finger directly on the display to navigate and perform actions.

The following overview shows the gestures:



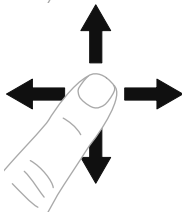
• Tap

Tap buttons or elements with your finger to perform a function.



• Tap and hold

Tap and hold your finger on buttons or items to perform specific actions.



• Swipe

Swipe your finger through lists and views to scroll.

Note



- As an alternative to using your finger, you can use a stylus for touch-sensitive displays (not included).

5. Setup

The following steps are required to commission the WiFi wall display:

- Mounting the WiFi wall display, see Chapter **5.1 Installation**.
- The initial setup of the WiFi wall display, see Chapter **5.2 Initial setup of the WiFi wall display**.
- The installation of the **Hama Smart Home** app, see Chapter **5.3 Installing the Hama Smart Home app**.
- The integration of the WiFi wall display into the app, see Chapter **5.4 Integrating the WiFi wall display into the app**.

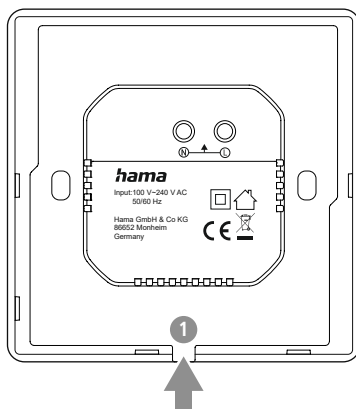
5.1 Installation

The WiFi wall display consists of two parts, the display and the bracket. The WiFi wall display is plugged into the bracket when delivered.

First carry out the following preparatory steps:

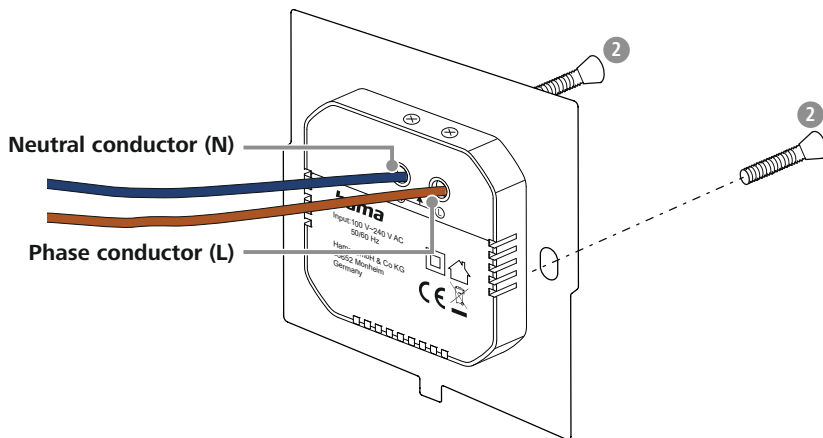
- Find a suitable mounting location that allows you convenient access to the WiFi wall display.
- Switch off the relevant fuse (fuse box) for the room in which you wish to install the WiFi wall display.
- Check that the wires are de-energised using a suitable measuring device (e.g. multimeter).
- Remove the bracket of the WiFi wall display.

To do this, use a suitable object to carefully lever off the bracket at the groove **1** on the underside. You will see the slotted holes required for mounting on the back of the bracket.



Then mount the bracket of the WiFi wall display at the intended mounting location:

- Place the bracket in front of the flush-mounted box from which the wires come.
- Connect the neutral conductor and the phase conductor to the N and L sockets on the bracket as shown below.
- If necessary, provide an existing protective earth conductor with a terminal. The protective earth conductor remains in the flush-mounted box.



- Mount the bracket on the slotted holes with the screws supplied **2**.
- Carefully place the WiFi wall display on the bracket.
The WiFi wall display audibly clicks into place.
- Switch on the relevant fuse (fuse box) for the room in which you wish to install the WiFi retrofit switch.
- The WiFi wall display switches on automatically. After a short wait, you will hear a confirmation tone.
- Continue with the initial set-up, see Chapter **5.2 Initial setup of the WiFi wall display**.

5.2 Initial setup of the WiFi wall display

After successful installation, the WiFi wall display switches on automatically and displays the welcome screen. Follow the steps below to complete the initial setup:

- On the welcome screen, tap the **arrow** at the bottom to start the set-up process.
- Select your preferred **language**.
- Select the desired **country** and **region**.
- Select your 2.4 GHz **WLAN** (wireless network).
- Enter your **WLAN password**.
- Tap the **[Connect]** button.
- Read and confirm the User Agreement and Privacy Policy by tapping the **[Agree]** button.
- Tap the **[Agree]** button to synchronise the time zone of the WiFi wall display via the WLAN. Alternatively, tap the **[Later]** button (not recommended).
- Swipe down on the Date/Time screen and confirm by tapping the **tick**.
- A QR code is displayed. Continue with the installation of the **Hama Smart Home** app, see Chapter **5.3 Installing the Hama Smart Home app**.



5.3 Installing the Hama Smart Home app

To use all the functions of the WiFi wall display, you need a smartphone/tablet and the **Hama Smart Home** app.

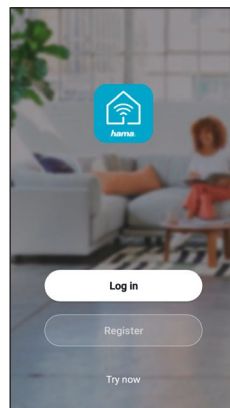
Note

- The following operating systems are supported:
- iOS 9.0 or later
- Android 4.4 or later

- Download the **Hama Smart Home** app from the App Store (iOS) or from Google Play (Android) to your smartphone/tablet.
- To install the app, follow the instructions on your smartphone/tablet.
- Open the app on your smartphone/tablet.

Note

- While setting up the app, you will be asked whether the app has permission to access the functions of your smartphone/tablet. Say yes to these prompts for the full functionality of your WiFi wall display.
- Register to create a new account. Alternatively, log in with the access data of your existing account.
- Follow the instructions for setting up the app until you can add a new device, see Chapter **5.4 Integrating the WiFi wall display into the app.**



Note



A detailed description of the **Hama Smart Home** app and all of its functions can be found in our app guide at:

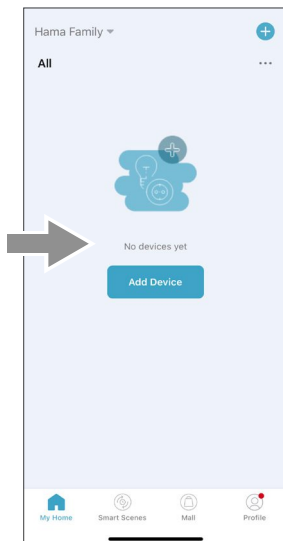
www.hama.com ⇒ article number ⇒ Downloads ⇒ App operating instructions



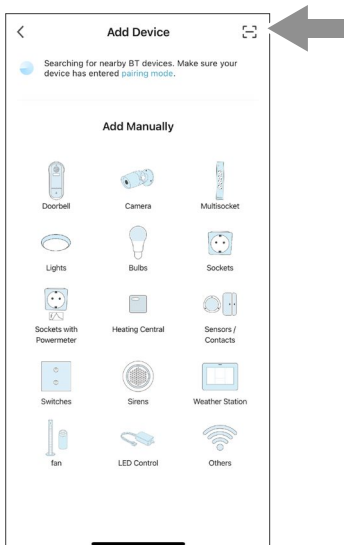
5.4 Integrating the WiFi wall display into the app

After successfully setting up the WiFi wall display and app, now integrate the WiFi wall display into the app.

- Start the **Hama Smart Home** app on your smartphone/tablet.
- Tap the **[Add Device]** button.

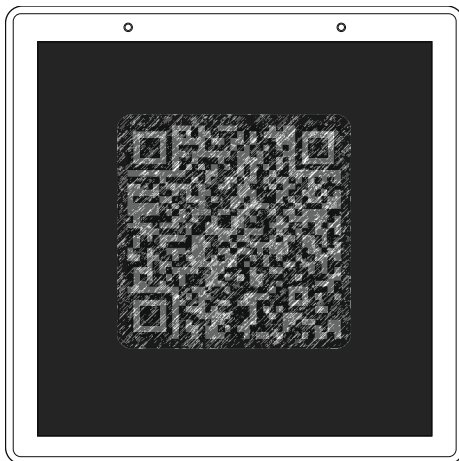


- Tap the **[+]** button (top right).

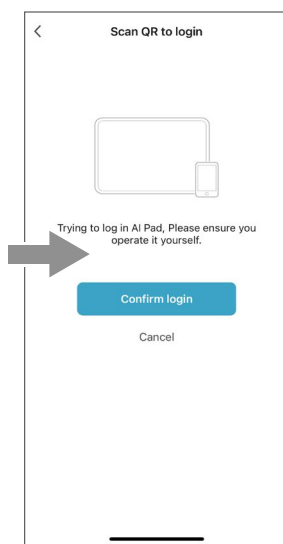




- Scan the QR code displayed on the WiFi wall display.



- Tap the **[Confirm login]** button.



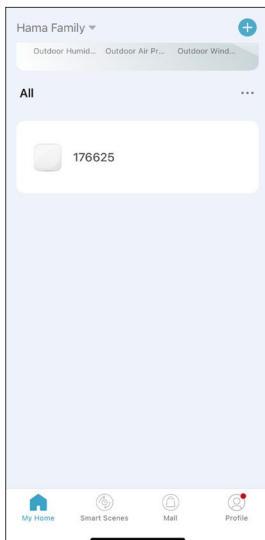
Note



- If the WiFi wall display is not immediately shown in the app, tap the **[Add Device]** button again and then the **back arrow** (top left). The WiFi wall display should be shown in the device summary.



- In the app, the WiFi wall display is shown as **176625**.



- The WiFi wall display shows the start page.

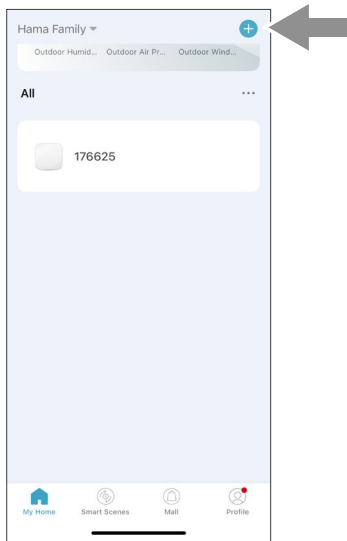


- The WiFi wall display is now integrated in the app. Follow the instructions for adding more Smart Home devices, see section **5.5 Add more Smart Home devices**.

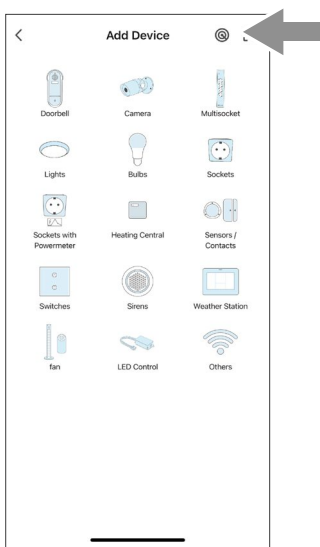
5.5 Add more Smart Home devices


After successfully integrating the WiFi wall display into the app, you can add further devices.

- Start the **Hama Smart Home** app on your smartphone/tablet.
- Tap the **+** button (top right).
- Tap the **[Add Device]** button.



- Select the category of the device (e.g. lamps).



- Alternatively, tap the  button (top right). The app scans for compatible Smart Home devices nearby via Bluetooth.
- Follow the instructions in the app to put the device into pairing mode.

Note



- In case of connection problems with the device, read the instructions in the operating instructions.
- Confirm in the app that the device is flashing.
- Select your 2.4 GHz **WLAN** (wireless network).
- Enter your **WLAN password**.
- Tap the **[OK]** button to confirm your entries.
- The device is added. This process can take up to 2 minutes.
- If the connection is successful, the device stops flashing and is displayed in the app.
- Tap the device to confirm the connection.
- Optional: Enter a name for the connected device.
- Tap the **[Confirm]** button. The process is completed and the device is shown in the WiFi wall display.
- Add more devices.



6. Operation

The WiFi wall display is operated with the fingers directly via the touch-sensitive display, see section **4.1 Basics of operation**.

The following sections contain information on the operation and menu structure of the WiFi wall display.

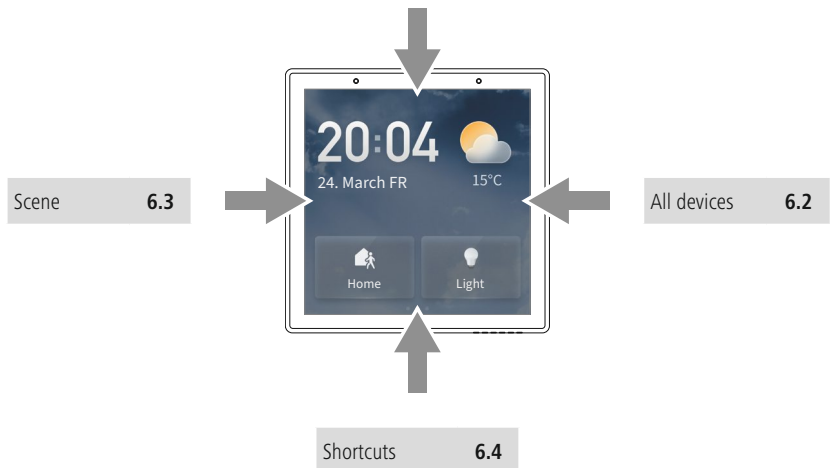
Note



- The following graphic is an overview of the menu structure of your WiFi wall display with all menu items.

6.1 Home page

Menu	6.5
Home page	6.5.1
Settings	6.5.2
Theme	6.5.3
Synchronise	6.5.4
Quick access home screen	6.5.5
Device search	6.5.6





The home page is the initial display of the WiFi wall display.

The home page gives you the option to assign quick accesses (scenes, devices). The following information is also displayed:


- Time
- Date and day
- Weather and temperature
- Tap the display to wake up the WiFi wall display from sleep mode.
The home page is displayed.
- Swipe from top to bottom to display the menu.
See section **6.5 Menu**.
- Swipe to the right to display preset scenes.
See section **6.3 Scene**.
- Swipe to the left to display all devices that are connected to the WiFi wall display via the **Hama Smart Home** app.
See section **6.2 All devices**.
- Swipe up to view more scenes/devices with quick access.
See section **6.4 Shortcuts**.





6.2 All devices

The **All devices** page displays all devices that are connected to the WiFi wall display via the **Hama Smart Home** app. You have direct access to the individual devices' further functions.

- Starting from the home page, swipe to the left to display the **All devices** page.
- Swipe up from the bottom to continue scrolling through the displayed devices (if there are more than 4 connected devices).
- Tap on a device to control the device. The options displayed vary depending on the device type (IP camera, WLAN socket, LED lamp, etc.).
- Tap the  symbol next to a device to switch the device on or off.



Note



- If a connected device is not accessible, it is greyed out in the summary and displayed as **offline**. This may be the case, for example, if the device is not connected to the power supply or the WLAN.



6.3 Scene

The **Scene** page displays all scenes that are set up via the **Hama Smart Home** app.

- Starting from the home page, swipe to the right to display the **Scene** page.
- Swipe up from the bottom to continue scrolling through the displayed scenes (if there are more than 4 scenes set up).
- Tap on a scene to activate it. The connected devices are controlled according to the stored presets.



Note



A detailed description of the **Hama Smart Home** app and all of its functions can be found in our app guide at:

www.hama.com ⇒ article number ⇒ Downloads ⇒ App operating instructions



6.4 Shortcuts

In the **Shortcuts** you can store individual scenes and/or devices and switch them on or off directly from the home page.

There are 2 places on the start page for quick access.

- Tap on a scene to activate it. The connected devices are controlled according to the stored presets.
- Tap on a device to switch the device on or off.
- Swipe up from the bottom to continue scrolling through the quick accesses displayed (if there are more than 2 quick accesses set up).






6.5 Menu


- Swipe down from the top of the home page to display the menu items described below.



6.5.1 Menu- Home page

- Tap the  symbol to display the home page.

6.5.2 Menu - Settings

- Tap the  symbol to access the following settings:
 - Network Setting
 - Voice Control and Volume
 - Display adjustment
 - Device and System
 - Language and region
 - Date and time
 - Homepage Theme
 - About


Detailed information on the individual menu items can be found in Chapter **7. Settings**.



6.5.3 Menu - Theme

- Tap the  symbol to select the background motif of the home page. Choose between 10 different background motifs.


6.5.4 Menu - Sync

- Tap the  symbol to synchronise the WiFi wall display with the app.

6.5.5 Menu - Home Screen MGT

- Tap the  symbol to set the quick accesses for the home page. You can select scenes and all connected devices.

6.5.6 Menu - Search device

- Tap the  symbol to search for other compatible Smart Home devices nearby. Found devices are displayed in a list.

Note



- We recommend adding further Smart Home devices directly via the **Hama Smart Home** app, see section **5.5 Add more Smart Home devices**.



7. Settings

The following sections describe the settings of the WiFi wall display.

7.1 Network Setting

- Tap the **[Network Setting]** button in the menu.
- Tap the **[Wireless Network]** button and then tap the **[WLAN]** button. Switch the WLAN (wireless network) on or off with the switch.
After switching on the WLAN, the WiFi wall display searches for 2.4 GHz WLAN in the vicinity.
- Select your 2.4 GHz **WLAN**.
- Enter your **WLAN password**.
The WiFi wall display connects to the selected WLAN.

7.2 Volume

- Tap the **[Volume]** button in the menu.
- Switch the **Mute** function on or off with the switch. The WiFi wall display is muted and does not emit any acoustic signals.
- Adjust the volume of the WiFi wall display with the slider.

7.3 Display adjustment

- Tap the **[Display adjustment]** button in the menu.
- Switch the **Brightness Auto-adjustment** function on or off with the switch. The WiFi wall display automatically adjusts the display brightness to the ambient conditions.

Note



- When using the **Brightness Auto-adjustment** function, be careful not to cover the brightness sensors of the WiFi wall display.
- Adjust the display brightness with the slider. This function is only available when the **Brightness Auto-adjustment** is switched off.
- Tap the **[Screensaver]** button and use the switches to select between the following options:
 - **Smart**: The screen saver is automatically switched on after 5 min. without use/input.
 - **Do-not-disturb**: The screen saver is switched on automatically between 22:00 and 06:00.



7.4 Device and system

- Tap the **[Device and system]** button in the menu. The **device name** and **model** are displayed.
- Tap the **[System Upgrade]** button to check for firmware updates. If a firmware update is found, it can be installed directly.
- Tap **Device Reboot** to restart the WiFi wall display.
- Tap the **[Unbind device]** button to disconnect the WiFi wall display from the **Hama Smart Home** app. The connection to all other Smart Home devices is also disconnected.
- Tap the **[Restore factory]** button to disconnect the WiFi wall display from the **Hama Smart Home** app and reset the WiFi wall display to the factory settings. The WiFi wall display then restarts.

Note



- Note that when resetting to factory settings, all personal settings and connections to Smart Home devices are deleted.
- Tap the **[Function lab]** button to access advanced functions. These functions are for advanced users only.

7.5 Language and region

- Tap the **[Language and region]** button in the menu.
- Tap the **[Language]** button to set the display language.
- Tap the **[Area]** button to set the region.

7.6 Date and time

- Tap the **[Date and time]** button in the menu.
- Tap the **[Automatically sync date and time]** button to retrieve the time automatically via WLAN.
- Tap the **[Set date]** button to set the date manually.
- Tap the **[Set time]** button to set the time manually.



7.7 Homepage Theme

- Tap the **[Homepage Theme]** button in the menu.
- Choose between 10 different background motifs.

7.8 About

- Tap the **[About]** button in the menu.
- Tap the **[Privacy Policy]** button to display the privacy policy.
- Tap the **[User Agreement]** button to display the terms of use.
- Tap the **[Open Source Component License]** button to display the licences for the open source components used.
- Tap the **[[Device Information]** button to display the following information about the WiFi wall display:
 - Network status
 - Active state
 - IP Address
 - MAC Address
 - Device ID
 - Main firmware version
 - Zigbee firmware version



8. Technical data

Input voltage	100-240 V ~, 50/60 Hz
Dimensions	86 mm × 86 mm × 36 mm
Frequency band	2.4 GHz
Max. radio-frequency power transmitted	100 mW
Operating temperature	0 °C – + 40 °C



9. Care and maintenance

Note



Disconnect the device from the mains before cleaning and during prolonged periods of non-use.

Only clean this product using a lint-free, slightly damp cloth and do not use any harsh cleaners.

10. 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 use instructions and/or safety notes.

11. Service and support

Please contact Hama Product Consulting if you have any questions about this product.

Hotline: +49 9091 502-0 (German/English)

Further support information can be found here: www.hama.com

12. RF exposure information

This device complies with the EU requirements for limiting the exposure of the general public to electromagnetic fields by means of health protection.

The device complies with RF specifications provided it is used 20 cm away from the body.

13. Declaration of conformity



Hama GmbH & Co KG hereby declares that the radio equipment type [00176625] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address:


<https://uk.hama.com> ➔ 🔍 ➔ **00176625** ➔ **Downloads**

Frequency band(s)	2.4 GHz
Maximum radio-frequency power transmitted	< 100 mW

hama

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