

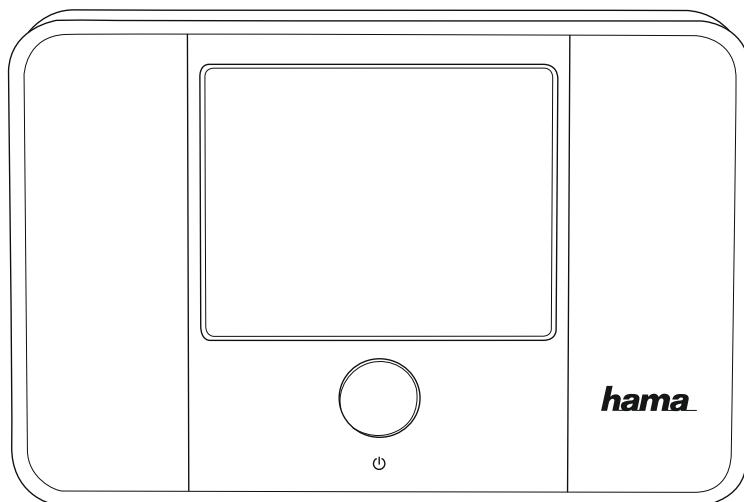
00054858  
(DT100BT)

***hama***®

THE SMART SOLUTION

## Digital Tuner

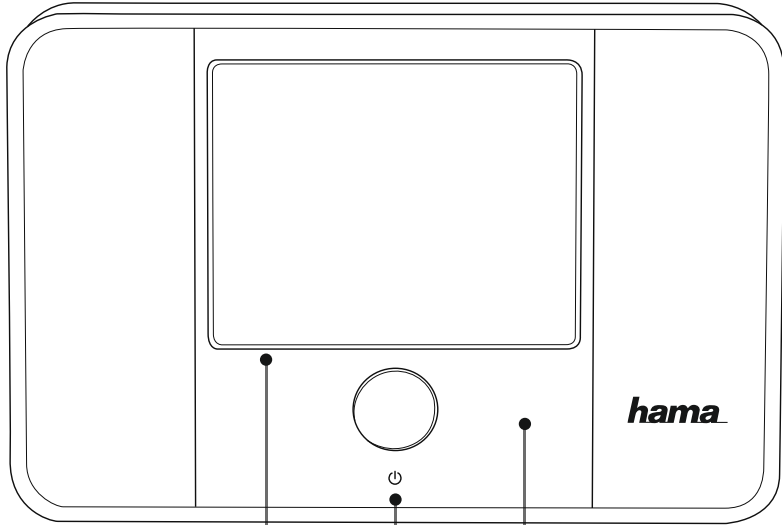
## Digitaltuner



Operating Instructions / Bedienungsanleitung / Mode d'emploi / Instrucciones de uso /  
Руководство по эксплуатации / Istruzioni per l'uso / Gebruiksaanwijzing / Οδηγίες χρήσης / Instrukcja obsługi /  
Használati útmutató / Návod k použití / Návod na použitie / Manual de instruções / Kullanma kılavuzu /  
Manual de utilizare / Bruksanvisning / Käyttöohje / Работна инструкция / Betjeningsvejledning / Manuelt stasjonssøk

 **Technical Data**

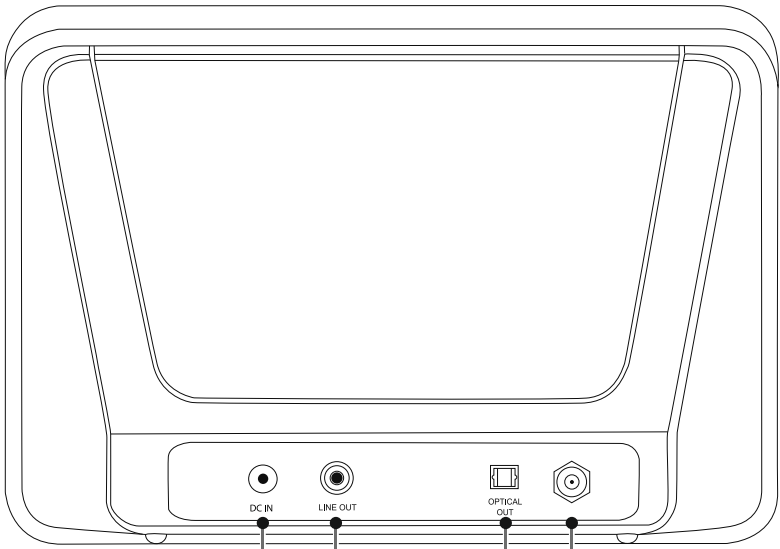
<b>Radio Receiver</b>	DAB ✓	DAB+ ✓	FM ✓	Internet -	Spotify -
<b>Connectivity</b>	Bluetooth® 2.1				
<b>Display</b>	2.8" (7,11 cm) LCD				
<b>Power input</b>	DC 6 V === 0.5 A switch mode power supply				
<b>Frequency range</b>	DAB/DAB+: 174-240 MHz		FM: 87.5-108 MHz		
<b>Sensitivity</b>	DAB/DAB+: -97 ~ 99 dBm		FM: -105 ~ 109 dBm		
<b>Power Consumption</b>	Operation	~ 3 W	Standby	< 1 W	
<b>Input &amp; Output</b>	DC Socket, Line OUT, Optical Out				
<b>Presets</b>	DAB/DAB+: 30	FM: 30			
<b>Codec</b>	DAB: MP2, AAC	Bluetooth®: AAC, SBC			
<b>UI Languages</b>	English, German, Danish, Dutch, Finnish, French, Italian, Norwegian, Polish, Swedish, Czech, Slovak				
<b>Package Content</b>	DT100BT, Power Supply, Remote Control, Batteries, Short Manual, Telescope Antenna				



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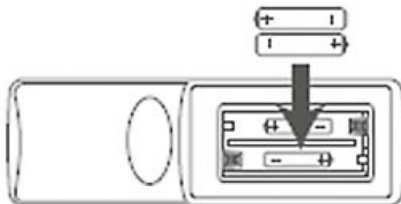
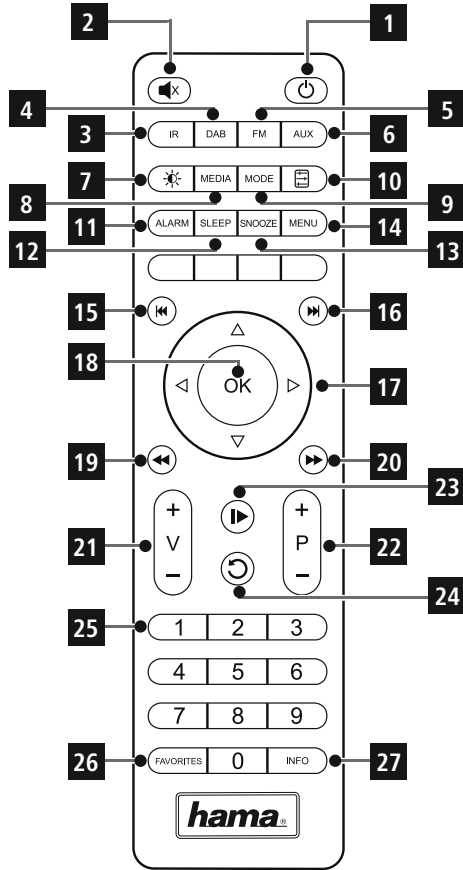


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## Controls and Displays

A: Front		
1		2.8" Icon LCD
2	[⏻]	POWER button
3		Infrared receiver

B: Rear		
4		Mains power supply
5		LINE OUT socket
6		Optical output
7		Antenna*

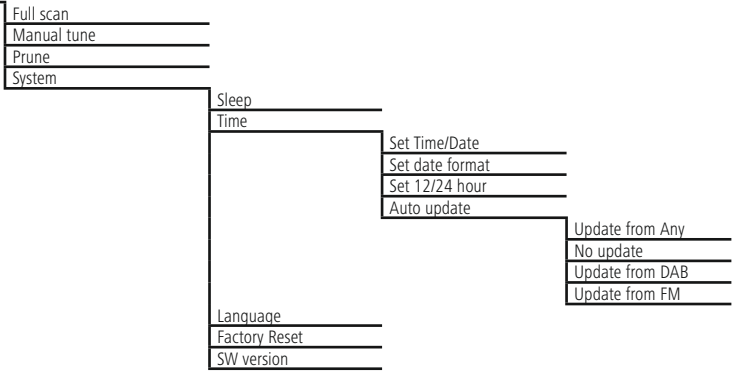
C: Remote Control		
1	[⏻]	On/off switch ▲ Press [⏻]
2	[🔊 X]	Mute
3	[IR]	-
4	[DAB]	Direct access to operating mode DAB
5	[FM]	Direct access to operating mode FM
6	[AUX]	-
7	[☀️]	Backlight settings
8	[MEDIA]	Direct access to operating mode Music player
9	[MODE]	Changing operating mode (Music player, DAB, FM)
10	[📶]	-
11	[ALARM]	Direct access to alarm clock settings
12	[SLEEP]	Snooze settings
13	[SNOOZE]	Activating Snooze
14	[MENU]	Direct access to the menu

15	[⏮]	Previous track (operating mode: Music player)
16	[⏭]	Next track (operating mode: Music player)
17	Navigation keys	▲ Up / ▼ Down / ◀ Back one menu level / ▶ Forward/ Confirm
18	[OK]	Confirm
19	[⏮]	Rewind (operating mode: Music player)
20	[⏭]	Fast forward (operating mode: Music player)
21	Volume keys [+]/[-]	Volume control
22	Favourite keys [+]/[-]	Selection from favourites list
23	[⏸]	„Start/ Stop playback (operating mode: Music player, Aux in)“
24	[↶]	Back one menu level
25	Number keys	Direct access to favourites/ Save favourites
26	[FAVORITES]	List/save favourites
27	[INFO]	Display additional information

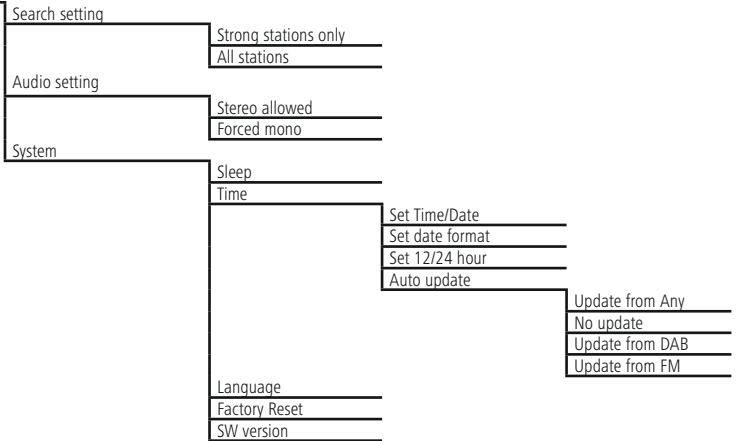


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**DAB**



**FM**



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. Explanation of Warning Symbols and Notes

### **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.

### **Risk of electric shock**

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

## 2. Package Contents

- Digital Radio DT100BT
- Remote Control
- 2x AAA batteries
- DAB/FM Antenna
- AC/DC adapter
- Operating Instructions

## 3. Safety Notes

- The product is intended for private, non-commercial use only.
- Protect the product from dirt, moisture and overheating and use it in dry rooms only.
- As with all electrical devices, this device should be kept out of the reach of children.
- 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.
- Keep the packaging material out of the reach of children due to the risk of suffocation.
- Dispose of packaging material immediately according to locally applicable regulations.
- Do not modify the device in any way. Doing so voids the warranty.

### **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 AC-adaptor, connection cable or power cable is damaged.
- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.

## 4. Getting started

### **Note – Optimising reception**

This product has a telescopic antenna that enables DAB, DAB+ and FM reception.

Please note:

- Always pull the antenna out completely.
  - We recommend you adjust the antenna vertically to ensure optimal reception.
- Connect the power supply unit to a properly installed socket. Connect the power supply to the mains connection (4) on the back of the radio.


### **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 must be easily accessible.
- Disconnect the product from the power supply using the on/off switch – if this is not available, unplug the power cord from the socket.
- Only use the enclosed radio power supply unit.
- The power supply unit is suitable for mains voltages of 100–240 V and therefore can be used worldwide. Please note that a country-specific adapter may be necessary.
- You can find a selection of compatible Hama products at [www.hama.com](http://www.hama.com).





## Switching on/off / Standby

- Press [  ], to switch the radio on or off (Standby).
- To completely switch off the device, disconnect it from the power supply."

### Note – Turning the radio on for the first time


- A DAB station search will be performed when you switch the radio on for the first time.
  - The time will be automatically set once the station search is complete.
- Use the arrow buttons ◀ and ▶ to select one of the stations found. Press [OK] to confirm your selection.

### Note

If no stations are found, start the station search again as described in **9.1 Station Search (DAB)**, or perform a manual station search as described in **9.2 Manual Station Search (DAB)**.

## 5. Basic settings

### Note



- In the different submenus, press [  ] (repeatedly) to jump back one or more menu step(s), or press [MENU] to return to the main display.
  - If you do not make an entry within 30 seconds, the radio automatically returns to the main display.
- Press [MENU] (16) and select the [SYSTEM] menu item using the buttons ◀ and ▶.
- Press [OK] (19) to confirm your selection.

### 5.1. Time and Date

- Select the [Time] menu item using the buttons ◀ and ▶.
- Select [Auto update] to select the receiving system from which the time data is to be received. The correct time and date are then set automatically.
- Select [Set Time/Date] if you want to set the date and time manually.
- Use the buttons ▲ and ▼ to set the time, date, 12-/24-hour format and date format.

### 5.2. Display lighting

This radio's display has multiple lighting levels.

- Press [  ] on the remote control to set the display brightness for radio operation.
- Press [  ] on the remote control to set the display brightness for standby mode.
- The device must be in the corresponding mode.

### 5.3. Language setting

#### Note – Standard language

The standard language ex works is English. All of the menu structures referred to in these operating instructions relate to this standard setting. Note that the menu names displayed will differ if you select a different language.

- Select the [Language] menu item using the buttons ◀ and ▶.
- Select the desired language using the buttons ◀ and ▶.

## 6. Alarms

The Radio has two individually adjustable alarm times.

### 6.1 Alarm settings

Press [ALARM] to go to the alarm settings.

Alarm 1 and alarm 2 are configured identically. Select Alarm 1 or 2 by repeatedly pressing [ALARM] and pressing [OK] to confirm, and then make the following settings by means of [OK].



**Time:**

First choose the hour, then the minute at which the alarm is to activate.

**Duration:**

Choose a time interval (15/30/45/60/90 minutes). The alarm remains active for the selected time interval.

**Source:**

Set whether you wish to be woken by an alarm tone (**Summer**), by **DAB** or by **FM**.

**Preset:**

If you selected **DAB / FM**, choose which station you wish to be woken with. You can choose any of the 30 favourite station slots or the **Last listened**.

**Enable:**

Choose when the alarm is to activate:

→ Daily – Once – Weekdays – Weekends

**Date:**

If you selected **Once**, enter the date for the one-off alarm.

**Volume:**

You can set the volume at which the alarm sound should be played. This setting makes it irrelevant how loud you last listened to the radio.

**Save:**

Select **Off / On** to complete your alarm settings.

 **Note**

It is recommended to allow the radio to update the time automatically. This ensures that the time is always correct even if there is a separation of power supply – for example a power cut.


**6.2 Activating/deactivating the alarm**

- Confirm the menu item **On** in alarm settings to activate the alarm.
- Confirm the menu item **Off** in alarm settings to disable the alarm.

**6.3 Activate/ deactivate alarm in standby mode**


- Press [**ALARM**] in standby mode to display the current alarm setting.
- Press [**ALARM**] again or [**OK**] to activate/deactivate alarm 1 and/or alarm 2.
- Press [**OK**] to confirm your settings.

**6.4 Stopping the alarm/ Snooze function**

- When the alarm activates, press [  ] to stop the alarm.
- Repeatedly press [**OK**] to activate snooze mode.
- The alarm turns off for the selected time interval (5/10 minutes) before activating once again.
- If the alarm is not stopped, the radio automatically switches to standby mode after the preset time interval (duration).

**7. Timer**

The radio has a sleep function, after a defined time the radio switches to standby mode.

- Repeatedly press [**SLEEP**] to set the desired time interval (Sleep OFF/15/30/45/60/90 minutes).
- After the defined time the radio switches to standby mode.
- Press [  ], to turn the radio back on.



## 8. Factory Reset

Press **[MENU]** to call up the main menu.

- Select the **[System/Factory Reset]** menu item using the buttons ◀ and ▶.
- Then select **[YES]** to restore the radio's factory settings.



### Warning

Restoring the radio's factory settings will delete all the time and date settings, alarms, etc. you have saved!

## 9. Operating the DAB Radio

- Press the **[DAB/FM]** button to switch between the DAB and FM reception types. Select **DAB**.

### 9.1. Station search (DAB)

An automatic station search will be performed when you switch the radio on for the first time. The station search searches the entire frequency band (band III) in the digital radio network and saves the stations found in alphabetical order.

- Press **[MENU]** and select the **[Full Scan]** menu item using the buttons ◀ and ▶.
- Press **[OK]** to confirm your selection.
- Once the radio has finished its search, you can select the desired station using the buttons ◀ and ▶.
- Press **[OK]** to confirm your selection and start listening to the station.

### 9.2. Manual station search (DAB)

With the manual station search function you can search through individual frequencies and channels. You can use this function if you know the frequency range of a station you would like to search for.

- Press **[MENU]** and select the **[Manual tune]** menu item using the buttons ◀ and ▶.
- Press **[OK]** to confirm your selection.
- Select the desired frequency range using the buttons ◀ and ▶. A frequency range of 5A to 13F can be searched through.

## 9.3. Additional information (DAB)

Numerous stations transmit additional information, the scope and order of which varies.

- Press the **[INFO]** button on the remote control to display the additional information.

### • Time/Date

The radio receives the current time and date from the information transmitted. If the station currently playing does not broadcast time information, a Time/Date symbol only will appear in the display.

### • Frequency

The frequency of the station currently being received is shown on the display.

### • Audio Bit Rate

The digitally received bit rate of the current station is shown on the display.

### • Signal strength

The current signal strength is shown as a bar. A longer bar indicates good signal strength, meaning that you will have uninterrupted listening without 'drop-outs'.



### Note

In many cases, the signal strength varies depending on the installation location. To improve reception, choose an installation location near a window.

### • DLS – Dynamic Label Segment

DLS is digitally broadcast streaming text that provides additional information on the current programme.

### • Programme Type

The programme type (style, genre, etc.) is displayed. If no information is available, a Programme Type symbol only will appear on the display.

### • Ensemble/Multiplex (Group Name)

Ensemble/Multiplex is a group of different stations broadcasting on a shared frequency and/or a shared frequency block, or in a region.



## 9.4. Save/ Access favourites

- Press and hold one of the **number/favourites buttons** while a radio station is playing, to save this station under the selected preset.
- To call up a preset station, press the corresponding **number/favourites button**.

### Note

It is not possible to delete a preset station. You can only replace a preset station with another station and overwrite the previous favourite. You can save up to 30 favourites each for DAB and FM radio.

## 10. Operating the FM Radio

- Press the **[DAB/FM]** button to switch between the DAB and FM reception types. Select **FM+**.

### 10.1. Automatic station search

- Press the **[OK]** button on the remote control to start the search.
- During the search procedure, the text on the display reads **Scanning...** The radio stops the search and starts playback when it finds a station.
- Press **[OK]** again to continue the search until the next station is found.

### 10.2. Station Search Settings

- Press **[MENU]** and select the **[Scan Setting]** menu item using the buttons **◀** and **▶**.
- Press **[OK]** to confirm your selection.
- Use the buttons **◀** and **▶** to select the **[All Stations]** or **[Strong Stations only]** setting.
- Press **[OK]** to confirm your selection.

### Note

Selecting **All stations** means that the station search will automatically stop each time it receives a station signal. Select **Strong stations only**, so that the station search only stops when it receives a strong station signal.

### 10.3. Manual station setting (FM)

„When you make station settings manually, you can define the desired frequency yourself and tune into stations that were ignored during automatic station search because their signals were too weak.

- Select the desired frequency manually using the buttons **◀** and **▶**.

### 10.4. Audio setting

- Press **[MENU]** and select the **[Audio Setting]** menu item using the buttons **◀** and **▶**.
- Press **[OK]** to confirm your selection.
- Use the buttons **◀** and **▶** to select between **[stereo allowed]** (mono and stereo stations) and **[forced mono]** (only mono stations).

### 10.5. Additional information (FM)

Many stations broadcast additional information.

- Press **[INFO]** repeatedly to view the following information: Audio setting (stereo/ mono), time, date, song/title, genre, frequency.

### 10.6. Save/ Access favourites (FM)

To save and call up favourites, proceed as described in **9.5 Saving/Calling up Favourites**.



## 11. Bluetooth® mode

You can connect your terminal devices to the radio using Bluetooth®. The radio supports two different Bluetooth® profiles.

### A2DP – Advanced Audio Distribution Profile

- High-quality audio transmission
- Audio data streaming from a Bluetooth® enabled terminal device

### AVRCP – Audio Video Remote Control Profile

- Using a connected terminal device to remotely control the radio

#### Note – Bluetooth®

- Check whether your mobile device (smartphone, tablet PC, etc.) is Bluetooth® capable.
- Note that the maximum range for Bluetooth® is 10 metres without obstacles such as walls, people, etc.
- The Bluetooth® connection may be disrupted by other Bluetooth® devices/connections in the vicinity.
- It is only possible to connect the radio to one terminal device.
- We cannot guarantee compatibility with all terminal devices and media types currently available on the market.

## Pairing and playback of music files in Bluetooth® mode

#### Note – Turning the radio on for the first time

- Make sure that your Bluetooth®-capable terminal device is on and Bluetooth® is activated.
- Make sure that your Bluetooth®-capable terminal device is visible for other Bluetooth® devices.
- For more information, please refer to the operating instructions of your terminal device. The exact procedure may vary.
- Position the terminal device in the immediate vicinity of the radio.

- Repeatedly press **[MODE]** until you are in Bluetooth® mode.
- The word **Disconnected** is shown on the display.

- Open the Bluetooth® settings on your terminal device and wait until DT100BT appears in the list of Bluetooth® devices found.
- If necessary, start searching for Bluetooth® devices on your terminal device.
- Select DT100BT and confirm the pairing process with the radio on your terminal device.
- The word **Connected** is shown on the display if pairing has been successful.
- Start and end audio playback on your terminal device.

#### Note

- If you are prompted to enter a password to complete the pairing process, enter **0000**.
- Some mobile phones interrupt playback via Bluetooth® when receiving an incoming call. This does not indicate a problem with your radio, but is rather part of your mobile phone's range of functions in Bluetooth mode.

## 12. Care and Maintenance

- Only clean this product with a slightly damp, lint-free cloth and do not use aggressive cleaning agents.
- If you do not use the product for a long time, turn off the device and disconnect it from the power supply. Store it in a clean, dry place out of direct sunlight.

## 13. 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.

## 14. Service and Support

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

Hotline: +49 9091 502-115 (German/English)

Further support information can be found here:  
[www.hama.com](http://www.hama.com)



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## 15. Recycling Information

### 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.

## 16. Declaration of Conformity

**CE** Hereby, Hama GmbH & Co KG declares that the radio equipment type [00054858] 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](http://www.hama.com) -> 00054858 -> Downloads.

Frequency band(s)	2.4GHz – 2.480 MHz
Maximum radio-frequency power transmitted	2.5 mW EIRP



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