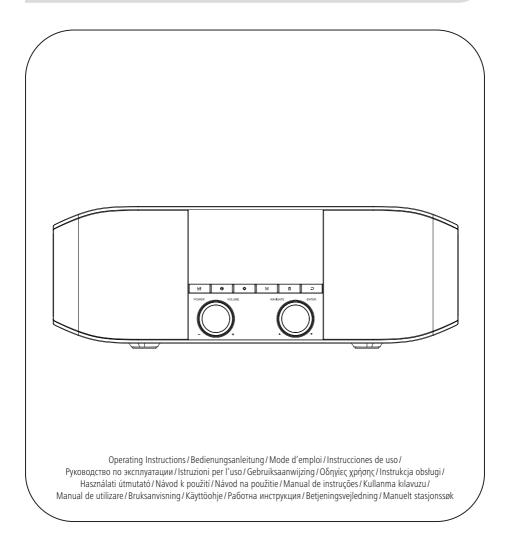
00054243 (DR1410BT)



Digital Radio

Digital-Radio

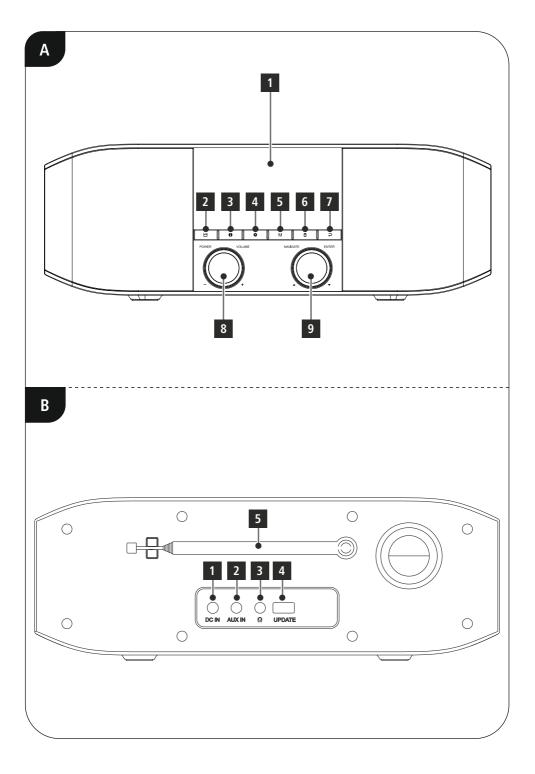


Technical data	
Display	2.4" (6.1cm) colour TFT, 320 x 240 px
Loudspeaker	3" 2x5W (RMS)
Power supply	DC 9.0V / 1.5A, max 13.5W
Languages supported	English, German, Danish, Dutch, Finnish, French, Italian, Norwegian, Polish, Portuguese, Spanish, Swedish, Turkish, Czech, Slovak
Packaging contents	Hama DR1410BT, Power Supply, AUX Cable, Quick Start Manual

Connectivity	
Bluetooth	receiver (RX): 5.0, class 2, A2DP, AVRCP

Audio connections	
Inputs	AUX in 3.5mm
Outputs	Headphone 3.5 mm

sources		Presets
CD (drawer drive)	-	-
DAB/DAB+ (174.928 - 239.2 MHz)	~	30
FM (87.5 - 108 MHz)	~	30



Controls and displays

		A: Front
1		Display
2	Н	[PRESET] button
3	0	[INFO] button
4	•	[MENU/SETTINGS] button
5	М	[MODE] button
6	a	[HOME] button
7	Q	[BACK] button
8		[POWER/VOLUME] button
9		[ENTER/NAVIGATE] button

B: Rear		
1		Mains connection
2		AUX IN (3.5 mm)
3		Headset connection (3.5 mm)
4		USB connection
5		Telescopic aerial

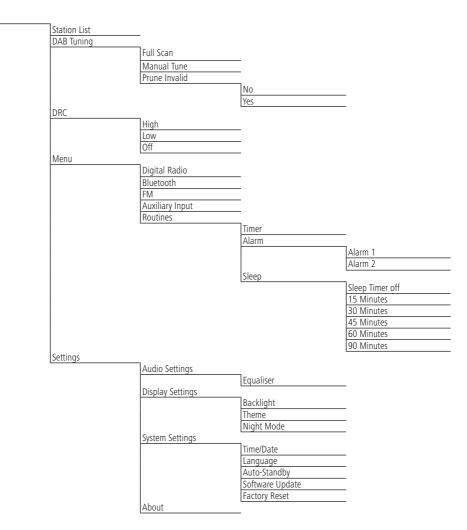
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🗘 Content

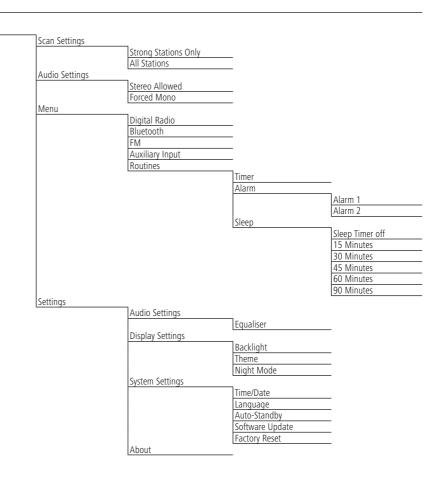
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Menu structure

DAB



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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



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

2. Package contents

- DR1410BT
- Power adapter
- These operating instructions
- AUX cable

3. Safety instructions

- The product is intended for private, non-commercial use only.
- Do not use the product in areas in which electronic products are not permitted.
- Protect the product from dirt, moisture and overheating and use it in dry rooms only.
- As with all electrical products, 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 in accordance with the locally applicable regulations.
- Do not modify the device in any way. Doing so voids the warranty.
- Use the product only for the intended purpose.

- Do not use the product in the immediate vicinity of heaters, other heat sources or in direct sunlight.
- Do not use the product in a damp environment and avoid splashing water.
- Only use the article under moderate climatic conditions.
- The product is intended only for use inside buildings.
- The product must only be operated on a supply network as described on the type plate.
- Route all cables so there is no risk of tripping.
- Do not bend or crush the cable.
- Always pull directly on the plug when disconnecting the cable, never on the cable itself.

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 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

- High sound pressure!
- There is a risk of hearing damage.
- To prevent any loss of hearing, avoid listening at loud volumes for prolonged periods.



- Always keep the volume at a reasonable level. Loud volumes can damage hearing – even over short periods.
- Using this product limits your perception of ambient noise. For this reason, do not operate any vehicles or machines while using this product.

4. Informations and notes before getting started

Note - optimising reception

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- At the initial start-up, the system interface will ask about the preferred language. Select your preferred language.
- A station search in DAB operating mode is automatically started when you switch the radio on for the first time.
- Please note: Always pull the antenna out completely. We recommend you adjust the antenna vertically to ensure optimal reception.

Note

Use only original accessories (or accessories approved by Hama) to avoid damage to the product.

5. Commissioning

Warning

- Only operate the product from an approved socket that is connected to the public power supply. 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.
- If using a multi-socket power strip, make sure that the total power consumption of all connected devices does not exceed the socket strip's maximum throughput rating.
- If you will not be using the product for a prolonged period, disconnect it from mains power.

5.1 Radio – Connecting and starting up

Connect the power supply to the mains connection (1) on the back of the radio.

Connect the mains cable to a properly installed and easily accessible mains socket. The power supply unit is suitable for mains voltages between 100 and 240 V and can therefore be used on virtually any AC power grid. Please note that a country-specific adapter may be necessary. You can find an appropriate selection of Hama products at www.hama.com.

Once the product has been connected to mains power, initialisation takes place. The radio starts up.

5.2 General notes on use

Note

- If there is a choice of different buttons (e.g. YES or NO), the selected button has a light-coloured background.
- In menus offering a variety of different options (such as Language, Update, and so on), the currently selected option is marked with an asterisk (*).

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Navigation and controls

- Select individual menu items by turning [NAVIGATE/ ENTER] (9).
- Confirm the selection by pressing [NAVIGATE/ENTER].
- After pressing a shortcut button, navigate amongst the menu items using [NAVIGATE/ENTER].

Volume adjustment

- You can turn the volume up (right) or down (left) by turning [**POWER/VOLUME**] (8).
- Press [] (7) for 3 seconds to mute the radio.
- Press [\checkmark] (7) again for 3 seconds to reset the volume to the value it was prior to the radio being muted.

Additional information

Depending on the operating mode and stations available, pressing [①] (6) displays additional information:

Description

Indicates the radio station, the current programme, contents, possibly subjects, etc.

• Genre

The genre (music style) of the station is shown.

• Bit rate

The currently received digital bit rate of the received station is displayed.

- Channel information
- Current time
- Today's date

Switch On/Off / Standby

- Press [POWER/VOLUME] (8) to switch the device on / off (standby).
- To completely switch off the device, disconnect it from the power supply.

6. Main menu / modes

This device supports radio reception via DAB/DAB+ and FM.

The main menu contains the various operating modes as well as other options that are explained separately in the following chapters:

7. DAB

8. FM

- 9. Sleep
- 10. Alarm clock

11. Other system settings

Select amongst the available operating modes by repeatedly pressing $\left[\textbf{M} \right]$ (5).

During playback, the current operating mode appears at the top left-hand edge of the screen.

7. Digital radio (DAB/DAB+)

The radio receives all established digital radio frequencies in the range of 174 MHz to 240 MHz (band III, channel 5A to 13F).

From the main menu or after pressing [M] repeatedly, activate operating mode DAB (DAB Radio) on the radio.

7.1 Search / Automatic search

The automatic DAB channel search scans the DAB band III for available stations. After the station search, all interference-free stations are saved in alphabetical order. In Stations list a **?** is displayed in front of the station names of stations found during a previous scan but which cannot currently be received.

The automatic DAB station search starts automatically when DAB mode is started for the first time; it is indicated by **Scanning...** and a status bar on the display.

If you would like to start the search again, proceed as follows:

- Press [🏟] (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the "Full scan" menu item.
- Confirm the selection by pressing [NAVIGATE/ENTER].
- Wait until the search process has completed.
- The available stations are now displayed in the list of stations.

7.2 Station list

You can call up the station list in DAB mode at any time. To do this, proceed as follows:

- Press (2) (7) during playback to navigate through the available stations in ascending alphabetical order using [NAVIGATE/ENTER].
- Confirm the selection by pressing [NAVIGATE/ENTER].

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• The device starts playback automatically.

Note

The list of stations contains all stations that were found on the last station search. A further station search - as described in <u>7.1 Search / Automatic search</u> - can be started. A station's reception quality depends on factors such as the weather, location and orientation of the aerial. If a station shown in the list of stations is not available, changing the orientation of the aerial or the location of the radio may help. Stations that are no longer available can be removed from the list of stations as described in <u>7.3 Edit station list</u>.

7.3 Edit station list

To remove stations that are not currently in the reception area, from your station list, proceed as follows:

- Press [🏟] (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the "Delete unavailable stations" menu item.
- Confirm the selection by pressing [NAVIGATE/ENTER].

If you answer **YES**, then all currently unavailable stations will be removed from the station list.

Note

To keep the list of stations up to date, we recommend updating the list regularly with a full station search (see **7.1 Search / Automatic search**).

7.4 Presets

You can save up to 30 of your favourite stations for quick and direct access.

7.4.1 Assigning the list of presets (1-30)

- Set the station that you would like to save to a presets memory slot.
- If the station is playing, press and hold [] (2) for approx. 3 seconds until the Presets list opens up.
- Navigate to the preferred memory slot and confirm your selection by pressing [NAVIGATE/ENTER].
- The selection will be confirmed by the display showing "Program (1-30, depending on the memory slot) saved".

Note

Presets cannot be deleted. If all 30 station memory slots are filled and you wish to save a new station, choose one of the occupied slots. The station in this slot will be overwritten with the new station.

7.4.2 Calling up a station from the Presets list (1-30)

- Press [] to call up the Presets list.
- Use [NAVIGATE/ENTER] to navigate to the preferred station and confirm your selection by pressing [NAVIGATE/ENTER].

7.5 DRC (Volume adjustment)

Some DAB network radio stations support a volume control feature that actively takes effect during playback. If the volume suddenly increases, DRC automatically lowers it. If the volume suddenly becomes quieter, DRC automatically raises it. The same happens when playback is suddenly quiet. The radio then increases the volume again.

Volume adjustment high: total equalisation of different volumes. Strong compression can audibly reduce the dynamics of a music title.

Volume adjustment low: partial equalisation of different volumes. More subtle compression, without too much loss of dynamics.

Volume adjustment off: no equalisation

Proceed as follows to do the settings:

- Press 🚱 (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the "Volume adjustment" menu item.
- Confirm the selection by pressing [NAVIGATE/ENTER] and choose your preferred setting.

8. FM

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From the main menu or after pressing [M] repeatedly, activate operating mode FM (FM Radio) on the radio.

Stations that broadcast additional information regarding the station and the programme, are highlighted on the display with an RDS icon (Radio Data System). This additional information is displayed by pressing []].

8.1 Search setting

The search setting allows you to determine whether stations with low signal strength are ignored during the automatic search. Proceed as follows:

- Press 🚱 (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the "Scan settings" menu item.
- Confirm the selection by pressing [NAVIGATE/ENTER].
- To have the search run stop only at stations with high signal strength, select **Available stations only**.
 Otherwise, the search run will stop at every station for which a signal is received.

Note

By default, the "All stations" method is selected.



8.2 Search / Automatic search

- Press [NAVIGATE/ENTER] to start a station search.
- The radio stops the search and starts playback when it finds a station.
- Press [NAVIGATE/ENTER] again to continue the search until the next station is found.

8.3 Manual station search

With manual station settings, you can define the required frequency yourself and also receive stations that had signals too weak to pick up on the automatic station search and which therefore

were not included.

- Press [NAVIGATE/ENTER] to switch to the manual station settings.
- Turn [NAVIGATE/ENTER] (left: 0.05 MHz / right: + 0.05 MHz) until the desired frequency is displayed. Wait a moment until playback of the received station signal begins.

8.4 Presets

You can save up to 30 of your favourite stations for quick and direct access.

Note

Presets cannot be deleted. If all 30 station memory slots are filled and you wish to save a new station, choose one of the occupied slots. The station in this slot will be overwritten with the new station.

8.4.1 Assigning the list of presets (1-30)

- Set the station that you would like to save to a presets memory slot.
- If the station is playing, press and hold [] (3) for approx. 3 seconds until the Presets list opens up.
- Navigate to the preferred memory slot and confirm your selection by pressing [NAVIGATE/ENTER](9).
- The selection will be confirmed by the display showing "Program (1-30, depending on the memory slot) saved".

8.4.2 Calling up a station from the presets list (1-30)

- Press [] to call up the Presets list.
- Use [NAVIGATE/ENTER] (9) to navigate to the preferred station and confirm your selection by pressing [NAVIGATE/ENTER].

8.5 Bluetooth®

- When Bluetooth® mode is enabled for the first time, the radio is immediately in "Pairing mode" and visible to other devices. You can therefore pair the radio with your smartphone, for example, and begin transmitting from the relevant source device.
- If the radio has already been paired to a smartphone, the next time Bluetooth[®] mode is enabled, the connection is automatically established.
- To pair a new radio, press the [NAVIGATE/ENTER] button (9) or call up the Bluetooth[®] menu via the [SETTNG] button (4) and select "Pair new device". To learn how to operate the radio during Bluetooth[®] playback, consult the Control Panel.

8.6 AUX IN

 AUX IN mode allows a cabled connection to be established between another audio source and this device. The volume can be controlled via this radio. All other operations are carried out via the connected audio source.

8.7 Audio setting

For some stations with a weak signal, quality can be slightly improved by playing them in mono quality. You can enable this function in the menu, and the radio will automatically switch to mono reception when signal quality is poor. To change the audio setting, proceed as follows:

- Press 🚱 (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the "Audio settings" menu item.
- Confirm the selection by pressing [NAVIGATE/ENTER] and choose your preferred setting.

9. Sleep

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The radio has a timer function, which switches the radio to standby mode after a pre-defined length of time, regardless of its operating mode.

- Press [🏟] (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] to navigate to the menu item "Main menu" -> "Routine" -> "Sleep timer".
- You can set the timer value with [NAVIGATE/ENTER].
- Confirm the setting by pressing [NAVIGATE/ENTER].
- If the sleep timer is activated, this is indicated in the playback screen by [C].



10. Alarm clock

The radio has two individually adjustable alarm times.

10.1 Settings

You can access the alarm settings as follows:

- Press [�] (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] to navigate to the menu item "Main menu" -> "Routine" -> "Alarm clock".

Alarm 1 and alarm 2 are configured identically and allow two separate alarm times to be saved. Choose Alarm 1 or 2 and confirm your selection by pressing [**NAVIGATE**/ **ENTER**].

Set the following details using [NAVIGATE/ENTER].

Repeat:

Choose when the alarm is to activate: Off – Daily – Once – Weekdays – Weekends

Alarm time:

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

Source:

Set whether you wish to be woken by an alarm tone (**Buzzer**), 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 preset slots or the **Last listened**.

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.

Saving:

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

Note

It is recommended to allow the device 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.

10.2 Activating / deactivating the alarm

- Activate the alarm by confirming the settings with **Alarm on**.
- Disable the alarm by setting the Mode: to "Alarm off".

10.3 End alarm

• When the alarm activates, press [**POWER/VOLUME**] to end the alarm.

11. Other system settings

11.1 Time/ Date settings

To access the time settings, proceed as follows:

- Press 🗳 (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the menu item "Settings" -> "System settings" -> "Time/date"
- Confirm the selection by pressing [NAVIGATE/ENTER].
- Use [NAVIGATE/ENTER] to navigate to the "Automatic update" menu item.

Auto update Update from DAB / FM

If automatic time and date adjustment is activated, the device receives time and date information from the station over the FM/DAB/DAB+ radio network. This is the best way to ensure that the clock will run accurately and the alarm will trigger at the correct time, even after power outages.

No update

The time and date (**DD-MM-YYYY**) must be set manually; no automatic calibration takes place.

Time/ Date settings

Set the date (**DD-MM-YYYY**) and time (**hh:mm**) manually using [**NAVIGATE/ENTER**].

Set format

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Choose between 12 and 24 hours format.

11.2 Language

The first time it is used, the radio's default language is English. To change radio's menu language, proceed as follows:

- Press [🍄] (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] to navigate to the menu item "Settings" -> "System settings" -> "Language" Confirm the selection by pressing

-> "Language". Confirm the selection by pressing [NAVIGATE/ENTER].

- Use [NAVIGATE/ENTER] to select your preferred system language.
- The language setting currently selected is marked with an asterisk (*).

Note

The following languages are available:

Czech, Englišh, Danish, Dutch, German, Finnish, French, Italian, Norwegian, Polish, Portuguese, Slovak, Spanish, Swedish and Turkish.

11.3 Factory reset

To reset the radio to the factory default settings, proceed as follows:

- Press [🍄] (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the menu item "Settings" -> "System settings" -> "Factory settings".
- Confirm the following prompt with **YES** to reset the radio to the factory default settings. All settings made previously are deleted.
- To abort the deletion process, press $[\mathbf{P}]$ or select **NO**.

Note

- Resetting to the factory default settings can remedy some problems and malfunctions.
- However, all settings made previously, such as equaliser and presets, permanently deleted.

11.4 Software update

Improvements and new features are always constantly being developed for the software used in our radios to resolve potential errors, increase the range of functions, and so on. We recommend that you always install any available updates on your radio.

Proceed as follows:

- Press [🏟] (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] to navigate to the menu item "Settings" -> "System settings"-> "Software update".
- Select Automatic updates (YES) to allow the radio to automatically check for new software updates on a regular basis. (Recommendation)
- Choose **Check now** to manually start a check for software updates.

Warning

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- Make sure that the device has a stable power supply before you start a software update.
- Power supply failure during a software update can cause irreparable damage to the radio.

11.5 Info

To check the current software version of your radio, proceed as follows:

- Press 🚱 (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the menu item "Settings" -> "About".
- Confirm the selection by pressing [NAVIGATE/ENTER].

Note

- If you require assistance from customer support, please let the agent know the current software version. Problems are frequently resolved through software updates, and your query may be resolved by comparing your software version with the last software version available.
- If updates are available, these can be found at www. hama.com with the corresponding article number or designation of the radio.
- You may find update instructions in the article's download area.

11.6 Illumination

The backlight can be configured for each operating mode (Operation Mode, Standby Mode) separately.

Proceed as follows:

- Press [🍄] (4) to access the Settings menu.
- Use [NAVIGATE/ENTER] (9) to navigate to the menu item "Settings" -> "Screen settings".
- Confirm the selection by pressing [NAVIGATE/ENTER].
- You can set the brightness with [NAVIGATE/ENTER].

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Note

The choice of lighting mode impacts on the power consumption.

12. 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.
- If you do not plan to use the product for a prolonged period, turn off the device and disconnect it from the power supply. Store it in a clean, dry place away from 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. Declaration of conformity

Hama GmbH & Co KG hereby declares that the radio equipment type [00054243] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address:

To limit exposure to electromagnetic fields

This device is intended for use at a distance of at least 20 cm from the body of the user or persons nearby. This device must not be worn or carried on the body.

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Please note that the actual power consumption can be dependent on multiple factors. These include the personal settings, the operating mode, the ambient temperature and the firmware version of the product used. The values set out above represent maximum values. The actual reference values can be found at: www.hama.com -> 00054243 -> Downloads -> Consumption information



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