

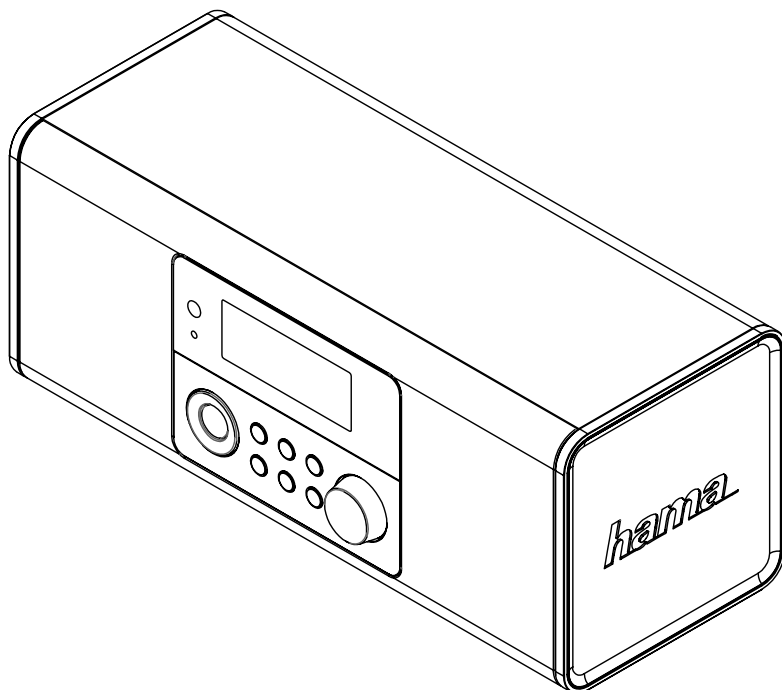
00054872
(DR1400)

hama®

THE SMART SOLUTION

Digital Radio

Digital-Radio

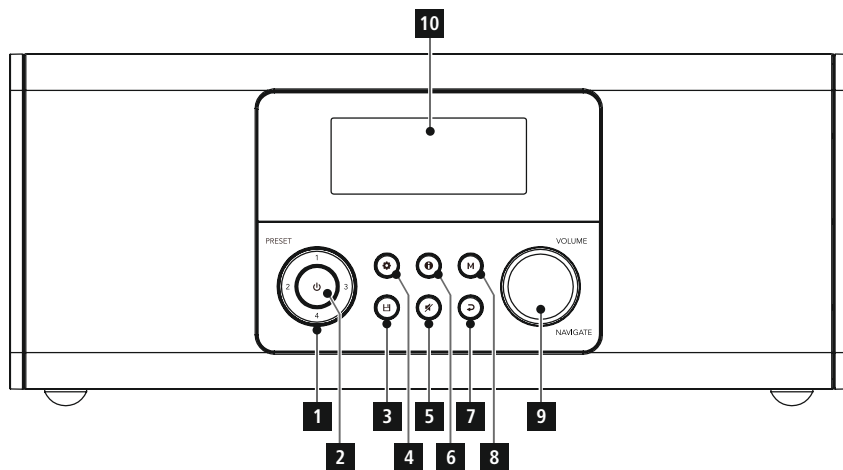
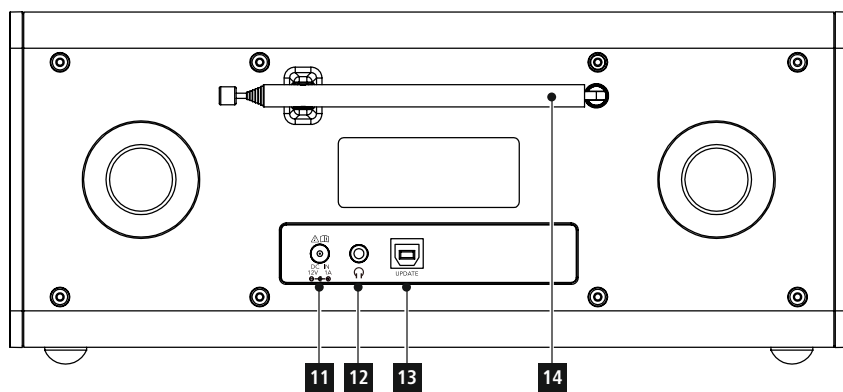


Operating Instructions / Bedienungsanleitung / Mode d'emploi / Instrucciones de uso /
Руководство по эксплуатации / Istruzioni per l'uso / Gebruiksaanwijzing / Οδηγίες χρήσης / Instrukcja obsługi /
Használati útmutató / Návod k použití / Návod na použitie / Manual de instruções / Kullanma kılavuzu /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







Technical Data


Digital Radio	DAB ✓	DAB+ ✓	FM ✓	Internet -	Spotify -
Display	2.9" (7,37 cm) Liquid Crystal Display (LCD)				
Power input	12 V= 1.0 A				
Power consumption	Operation	max. 12 W	Standby	< 1 W	
Frequency range	DAB/DAB+ 174 – 240 MHz		FM 87.5 – 108 MHz		
Input & Output	DC Socket, Headphone 3.5 mm, Update Port				
Presets	DAB/DAB+: 30	FM: 30			
UI Languages	Czech, English, Danish, Dutch, German, Finnish, French, Italian, Norwegian, Polish, Portuguese, Slovak, Spanish, Swedish, Turkish				
Package Content	"DR1400" digital radio, mains power supply, operating instructions				
Dimensions (WxDxD)	30 x 11.5 x 12 cm				
Weight	1.6 kg				



A**B**

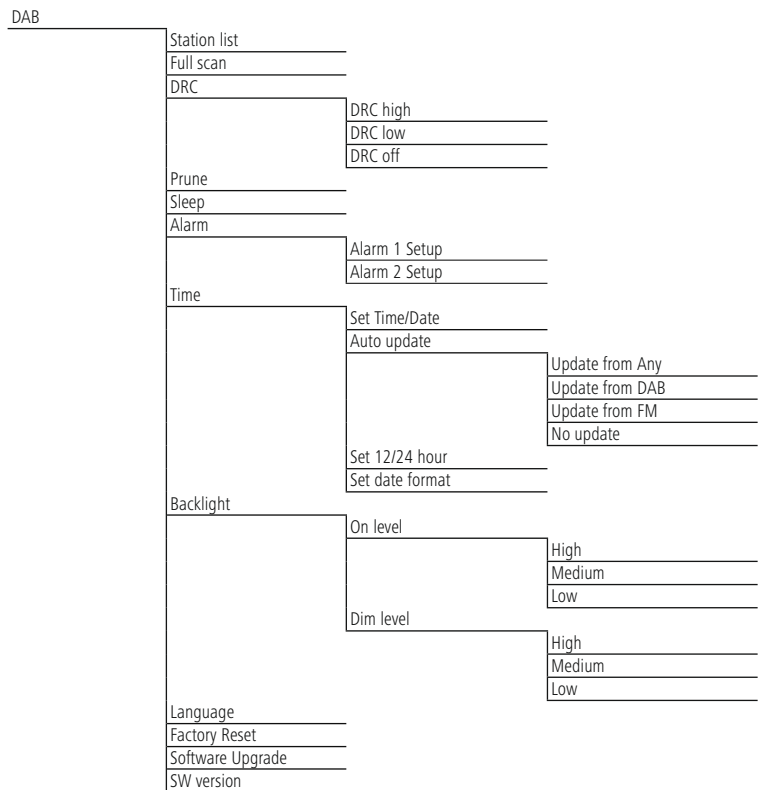
Controls and Displays

A: Front		
1		Presets 1-4
2		[POWER] button
3		[MEMORY] button
4		[MENU/SETTINGS] button
5		[MUTE] button
6		[INFO] button
7		[BACK] button
8	M	[MODE] button
9		[NAVIGATE/ENTER/ VOLUME] button
10		Display

B: Reverse		
1	<i>DC IN</i>	Mains power supply
2		Headphone socket
3		Update port
4		Telescopic aerial

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Menu structure



Scan setting	Strong station
	All stations
Audio setting	Forced mono
	Stereo allowed
Sleep	
Alarm	Alarm 1 Setup
	Alarm 2 Setup
Time	Set Time/Date
	Auto update
	Update from Any
	Update from DAB
	Update from FM
	No update
	Set 12/24 hour
	Set date format
Backlight	On level
	High
	Medium
	Low
	Dim level
	High
	Medium
	Low
Language	
Factory Reset	
Software Upgrade	
SW version	



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

- DIR3020 digital radio
- AC/DC adapter
- Quick guide

3. Safety Notes

- The product is intended for private, non-commercial use only.
- Do not use the product in the immediate vicinity of heating, other sources of heat or in direct sunlight.
- 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.
- Children must not play with the device. Cleaning and user maintenance must not be carried out by children without supervision.
- Do not use the product in areas in which electronic products are not permitted.
- Be considerate. High volumes can disturb or interfere with your surroundings.
- 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 technical data.
- 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 adapter, adapter 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. Informations and notes before getting started

Note



- For best reception, ensure that the antenna is fully extended and vertical.
- Try various different positions if necessary to get the best reception.

Note



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

5. Getting started

5.1 Radio – Connecting and starting up

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

Connect the network cable to a properly installed and easily accessible network socket. The power supply unit is suitable for mains voltages between 100 and 240 V, and is thus operable on almost 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.

Note



- Only connect the product to a socket that has been approved for the device.
- 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.
- The electrical socket must always be easily accessible.
- If you will not be using the product for a long period of time, disconnect it from mains power.

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



5.2 General notes on use

Note



- When a selection among menu items is to be made (such as **YES** or **NO**), the one currently selected has a light-coloured background fill.
- In menus offering a variety of different options (such as Language, Update, and so on), the currently selected option is marked with an asterisk (*).

Navigation and controls

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

Volume adjustment / mute

- You can turn the volume up (right) or down (left) by turning **[NAVIGATE/ENTER/VOLUME]** (9) accordingly.
- Press **[M]** (5) to mute the radio.
- Press **[M]** (5) again to reset the volume to the value it was prior to the radio being muted.

Entering passwords, search terms, and so on.

- Select each successive letter and digit by turning **[NAVIGATE/ENTER/VOLUME]** and confirm each selection by pressing **[NAVIGATE/ENTER/VOLUME]**.
- To make corrections, select **[BKSP / <-]** and confirm. The last input made is deleted.
- To cancel input, select **[CANCEL]** and confirm.
- Once your input is complete, select **[OK]** and confirm to finish.

Additional information

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

- **Description**
Indicates the radio station, the current program, contents, 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 **[P]** (2), to switch the device on or 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. Alarms

11. Additional system settings

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 **[M]** (4) to access the Settings menu.
- Use **[NAVIGATE/ENTER/VOLUME]** (9) to navigate to the "Scan" menu item.
- Confirm the selection by pressing **[NAVIGATE/ENTER/VOLUME]**.
- 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 so, proceed as follows:

- Press [↔] (7) during playback to navigate through the available stations in ascending alphabetical order using [NAVIGATE/ENTER/VOLUME].
- Confirm the selection by pressing [NAVIGATE/ENTER/VOLUME].
- 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 **7.1 Search / Automatic search** - 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 not available can be removed from the list of stations as described in **7.3 Edit station list**.

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/VOLUME] (9) to navigate to the "Prune invalid" menu item.
- Confirm the selection by pressing [NAVIGATE/ENTER/VOLUME].

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 Presets shortcut buttons

- Set the station that you would like to save as a favourite station preset.
- Once the station is playing, press and hold the relevant shortcut button for around 3 seconds.
- The selection will be confirmed by the display showing "Preset (1-4, depending on shortcut key) stored".
- During playback, the Preset memory slot is displayed at the right-hand edge of the screen.

Note



Favourites 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 shortcut button presets

To call up a preset station, press the corresponding shortcut button (2-5).

7.4.3 Assigning the list of presets (1-30)

- Set the station that you would like to save as a favourite station preset.
- If the station is playing, press and hold [H] (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/VOLUME].
- The selection will be confirmed by the display showing "Preset (1-30, depending on storage space) stored".

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

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

7.5 DRC (Dynamic Range Control)

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.

DRC high: total equalisation of different volumes.

Strong compression can audibly reduce the dynamics of a music title.

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

DRC off: no equalisation

Proceed as follows to do the settings:

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



8. FM

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 [i].

8.1 Scan setting

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

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

Note

By default, the "Strong stations only" method is selected. [i]

8.2 Search / Automatic search

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

8.3 Manual station search

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

- Press [back] to switch to the manual station setting.
- Turn [enter/navigate] (left: - 0.05 MHz/ right: + 0.05) until you see the desired frequency. Wait a moment until playback of the received station signal begins.
- Now press [back] again to leave the manual station setting.

8.4 Presets

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

8.4.1 Assigning the Presets shortcut buttons

- Set the station that you would like to save as a favourite station preset.
- Once the station is playing, press and hold the relevant shortcut button for around 3 seconds.
- The selection will be confirmed by the display showing "Preset (1-4, depending on shortcut key) stored".
- During playback, the Preset memory slot is displayed at the right-hand edge of the screen.

Note

Favourites 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. [i]

8.4.2 Calling up shortcut button presets

To call up a preset station, press the corresponding shortcut button (2-5).

8.4.3 Assigning the list of presets (1-30)

- Set the station that you would like to save as a favourite station preset.
- If the station is playing, press and hold [H] (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/VOLUME] (9).
- The selection will be confirmed by the display showing "Preset (1-30, depending on storage space) stored".

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

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

8.5 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/VOLUME] (9) to navigate to the "Audio setting" menu item.
- Confirm the selection by pressing [NAVIGATE/ENTER/VOLUME] and choose your preferred setting.



9. Sleep

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/VOLUME]** to navigate to the "Sleep" menu item.
- You can set the timer value with **[NAVIGATE/ENTER/VOLUME]**.
- Confirm the setting by pressing **[NAVIGATE/ENTER/VOLUME]**.
- If the sleep timer is activated, this is indicated in the playback screen by **[zzz]**.

10. Alarms

The Radio has two individually adjustable alarm times.

10.1 Alarm settings

You can access the alarm settings as follows:

- Press  (4) to access the Settings menu.
- Use **[NAVIGATE/ENTER/VOLUME]** to navigate to the "Alarms" menu item.

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/VOLUME]**.

Set the following details using **[NAVIGATE/ENTER/VOLUME]**.

Mode:

Choose when the alarm is to activate:

Off – Daily – Once – Weekdays – Weekends

Time:

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

Mode:

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

Program:

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 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.

10.2 Activating / deactivating the alarm

- Confirm the menu item **Save** in alarm settings to activate the alarm.
- Disable the alarm by setting the **Mode** to **Off**.


10.3 Stopping the alarm/ Snooze function

- When the alarm activates, press  to stop the alarm.
- When the alarm activates, press **[NAVIGATE/ENTER/VOLUME]** to enable snooze.
- The alarm turns off for the selected time interval (5/10 minutes) before activating once again.

11. Additional 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/VOLUME]** (9) to navigate to the "Time" menu item.
- Confirm the selection by pressing **[NAVIGATE/ENTER/VOLUME]**.
- Use **[NAVIGATE/ENTER/VOLUME]** to navigate to the "Auto 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/VOLUME]**.

Format

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/VOLUME]** to navigate to the "Language" menu item. Confirm the selection by pressing **[NAVIGATE/ENTER/VOLUME]**.
- Use **[NAVIGATE/ENTER/VOLUME]** to select your preferred system language.
- The language setting currently selected is marked with an asterisk (*).

Note



The following languages are available: Czech, English, 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/VOLUME]** (9) to navigate to the "Factory reset" menu item.
- 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 **[↩️]** or select **NO**.

Note



Resetting to the factory default settings can solve 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/VOLUME]** to navigate to the "Software update" menu item.
- 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



- Make sure that the radio 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/VOLUME]** (9) to navigate to the "SW version" menu item.
- Confirm the selection by pressing **[NAVIGATE/ENTER/VOLUME]**.

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 Lighting

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/VOLUME]** (9) to navigate to the "Beleuchtung" menu item.
- Confirm the selection by pressing **[NAVIGATE/ENTER/VOLUME]**.
- You can set the brightness with **[NAVIGATE/ENTER/VOLUME]**.

Note

The choice of lighting mode impacts on the power consumption.



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

15. Recycling Information

Note on environmental protection:



After the implementation of the European Directives 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



Hama GmbH & Co KG hereby declares that the radio equipment type [00054872] 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 -> 00054872 -> Downloads.



hama®

Hama GmbH & Co KG
86652 Monheim / Germany

Service & Support

 www.hama.com

 +49 9091 502-115

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