

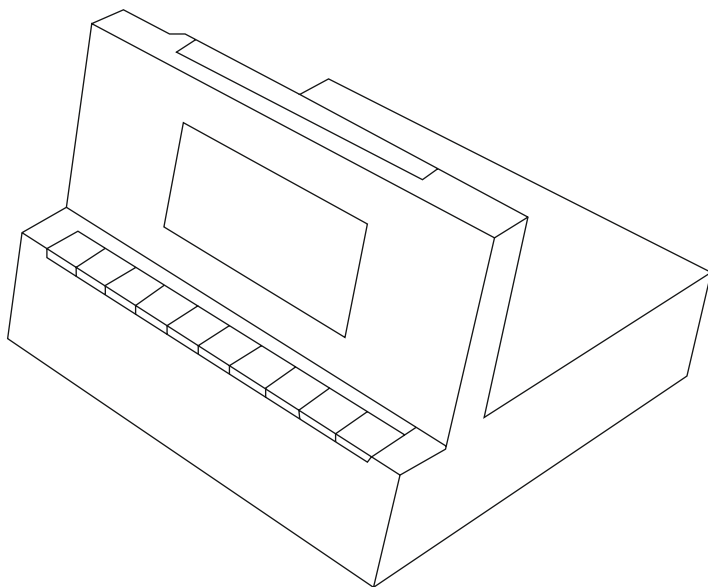
00054865  
(DR35)

**hama**®

THE SMART SOLUTION

## Digital Radio

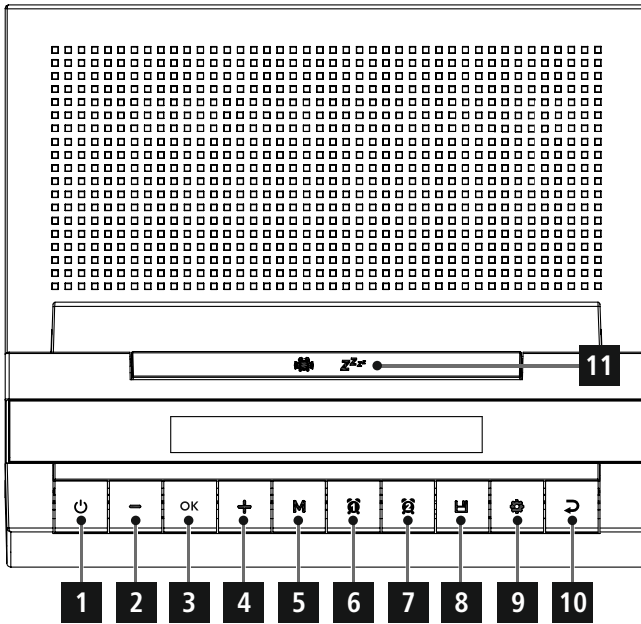
## Digitalradio



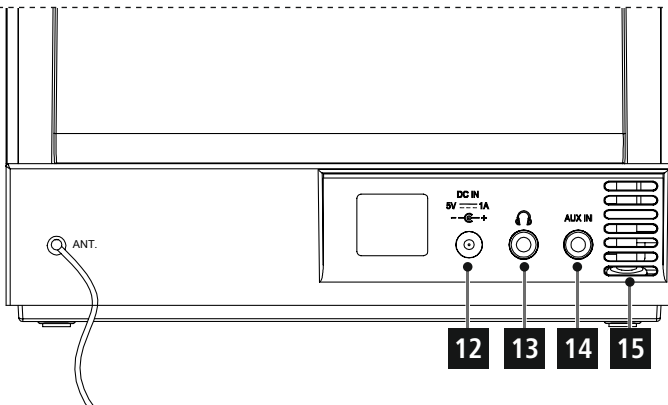
Operating Instructions / Bedienungsanleitung / Mode d'emploi / Instrucciones de uso /  
Руководство по эксплуатации / Istruzioni per l'uso / Gebruiksaanwijzing / Οδηγίες χρήσης / Instrukcja obsługi /  
Használati útmutató / Návod k použití / Návod na použitie / Manual de instruções / Kullanma kılavuzu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

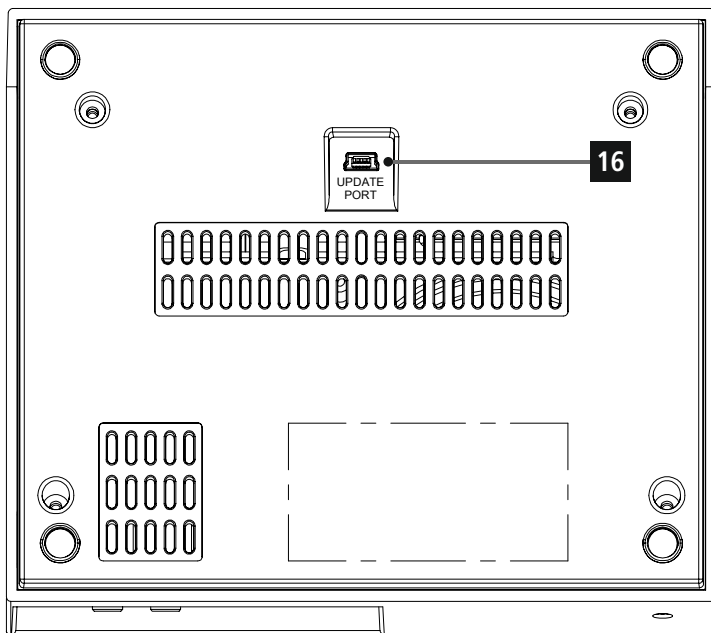
Technical data					
<b>Radio Receiver</b>	DAB ✓	DAB+ ✓	FM ✓	Internet -	Spotify -
<b>Display</b>	3.0" (8.77 cm) Liquid Crystal Display (LCD)				
<b>DAB Frequencies</b>	174.928 - 239.200 MHz				
<b>FM Frequencies</b>	87.5 - 108 MHz				
<b>Power input</b>	5 V --- 1.0 A				
<b>Input &amp; Output</b>	DC socket, 3.5 mm earphone jack, AUX In				
<b>Presets</b>	DAB/DAB+: 30	FM: 30			
<b>Codec</b>	DAB: MP2, AAC				
<b>UI Languages</b>	English, Danish, French, German, Italian, Norwegian, Finnish, Swedish, Turkish, Polish, Slovak, Czech				
<b>Package Content</b>	DR35, Short Manual, Power Supply				

A



B





---

## Controls and displays

A: Front		
1		[POWER] button
2		[VOLUME] - / Left navigation key
3	OK	[OK] button
4		[VOLUME] + / Right navigation key
5		[MODE] button
6		[ALARM] 1 button
7		[ALARM] 2 button
8		[PRESET] button
9		[SETTINGS]
10		[BACK]
11		[SNOOZE/SLEEP] button

B: Rear		
12		Mains power supply
13		Headphone jack
14		[AUX IN]
15		Temperature sensor

C: Radio underside		
16		Update port

---

## Content

<b>1. Explanation of warning symbols and notes . . .</b>	<b>4</b>	<b>13. More settings. . . . .</b>	<b>10</b>
<b>2. Package contents. . . . .</b>	<b>4</b>	13.1 Time / date settings . . . . .	10
<b>3. Safety instructions. . . . .</b>	<b>4</b>	13.2 Backlight . . . . .	10
<b>4. General notes on use. . . . .</b>	<b>5</b>	13.3 Factory reset. . . . .	11
4.1 Switch On / Off / Standby . . . . .	5	13.4 Info / software version . . . . .	11
4.2 Navigation and control. . . . .	5	13.5 Temperature sensor . . . . .	11
4.3 Volume adjustment . . . . .	5	<b>14. Care and Maintenance. . . . .</b>	<b>11</b>
4.4 Additional information . . . . .	5	<b>15. Warranty Disclaimer . . . . .</b>	<b>11</b>
<b>5. Informations and notes before getting started .</b>	<b>5</b>	<b>16. Service and Support. . . . .</b>	<b>11</b>
<b>6. Getting started . . . . .</b>	<b>5</b>	<b>17. Recycling Information . . . . .</b>	<b>12</b>
<b>7. Language . . . . .</b>	<b>6</b>	<b>18. Declaration of Conformity. . . . .</b>	<b>12</b>
<b>8. DAB . . . . .</b>	<b>6</b>		
8.1 Search / Automatic search . . . . .	6		
8.2 Station list . . . . .	6		
8.3 Edit station list . . . . .	6		
8.4 Presets. . . . .	6		
8.4.1 Save presets . . . . .	7		
8.4.2 Retrieving presets. . . . .	7		
8.5 DRC (Dynamic Range Control) . . . . .	7		
<b>9. FM . . . . .</b>	<b>7</b>		
9.1 Search setting . . . . .	7		
9.2 Audio setting . . . . .	8		
9.3 Automatic station search . . . . .	8		
9.4 Manual station search . . . . .	8		
9.5 Presets. . . . .	8		
9.5.1 Save presets . . . . .	8		
9.5.2 Retrieving presets. . . . .	8		
<b>10. Auxiliary Input. . . . .</b>	<b>8</b>		
<b>11. Alarm . . . . .</b>	<b>9</b>		
11.1 Settings . . . . .	9		
11.2 Activating / deactivating the alarm . . . . .	9		
11.3 Stopping the alarm / Snooze function . . . . .	9		
11.4 Setting snooze . . . . .	9		
<b>12. Timer/Sleep . . . . .</b>	<b>9</b>		

---

## Menu structure

<b>DAB</b>	Station List	
	Scanning	
	DRC	
		DRC off
		DRC high
		DRC low
	Prune Invalid	
	System*	
<b>FM</b>	Scan Setting	
		Local
		Distant
	Audio	
		Mono
		Stereo
	System*	
<b>AUX IN</b>	System*	
<b>System*</b>	Time	
		Set Time/Date
		Time Auto Update
	Snooze	
	Alarm	
		Alarm 1
		Alarm 2
	Dimmer	
		Auto Dimmer
		In Operation
		Standby
	Language	
	Factory Reset	
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

### Risk of electric shock



This symbol indicates a risk of electric shock from touching product parts carrying 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.

## 2. Package contents

- Digital clock radio DR35
- Power supply unit
- Quick Guide

## 3. Safety instructions

- 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 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 specified 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 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.

### 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. General notes on use

### Notes on use

If various buttons are available for selection (for example, **Y** or **N**), the button currently selected flashes.

### 4.1 Switch On / Off / Standby

- Press **[⏻]** (1), to switch the device on or off (Standby).
- To completely switch off the device, disconnect it from the power supply.

### 4.2 Navigation and control

- After pressing a shortcut button, navigate amongst the menu items using **[Volume +/-]** (2/4).
- Confirm the selection by pressing **[OK]**.

### Note

- If you are in the playback display, use **[↔]** to switch between the volume control and the station list selection.

### 4.3 Volume adjustment

- Press **[VOLUME +/-]** to reduce / increase the volume.

### 4.4 Additional information

Press **[OK]** to display additional information when you are in the playback screen. The information shown depends on the operating mode as well as the radio station and music file.

#### • Description

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

#### • Programme genre/country

Indicates the genre (music style) and the country or region of the station.

#### • Bit rate

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

#### • Codec

Specifies the encoding scheme used to digitise the data or signal (such as MP3 or WMA).

#### • Sampling rate

Specifies the sampling rate, or the frequency with which the audio signal is polled (Sampling-/ Samplerate), in a certain period of time.

#### • Playback buffer

The signal strength of the received station is displayed via a bar and its length.

#### • Today's date

#### • Time

#### • Signal error

#### • Service not available

Is displayed if there is currently no DAB reception.

## 5. Informations and notes before getting started

### Note – Optimising reception

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

## 6. Getting started

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](http://www.hama.com).

### Warning

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

- Wait until the radio has initialised fully.

Press the **[POWER]** button  to switch the radio on.




## Initial setup

When you switch the radio on for the first time, the **station search** is started automatically in DAB operating mode. English is the default language for the radio's menu structure.

Set up your desired language as described in **7. Language**.

## 7. Language

When started for the first time, the radio uses English. To change this, proceed as follows:

- Press  and navigate to the menu item "System".
- Confirm the selection by pressing **[OK]**.
- Navigate to the „Language“ menu item. Confirm the selection by pressing **[OK]**.
- Select the language and confirm your selection by pressing **[OK]**.

### Note

- The following languages are available:  
English, Danish, French, German, Italian, Norwegian, Finnish, Swedish, Turkish, Polish, Slovak, Czech

## 8. DAB


The radio receives all established digital radio frequencies in the range of 174.928 MHz to 239.200 MHz (band III, channel 5A to 13F).

- Press **[M]** repeatedly to activate **DAB** operating mode on the radio:

### 8.1 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. The automatic DAB station search starts automatically when DAB mode is started for the first time; it is indicated by **Scanning**...

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

- Press  and navigate to the menu item "Scan" to start a new station search.
- Confirm the selection by pressing **[OK]**. Wait until the search process has completed.


## 8.2 Station list

You can call up the station list in DAB mode at any time. There are two options for doing this.

### a)

- When you are in the playback screen, press **[BACK]** to return to the current list of stations in alphabetical order.
- Press **[Volume +/-]** to navigate through the list.
- Call up the required station by pressing **[OK]**.

### b)


- Press  and select the menu item "Station list".
- Press **[Volume +/-]** to navigate through the list.
- Call up the required station by pressing **[OK]**.

### Note

The list of stations contains all stations that were found on the last station search. 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 Section 8.3.

### 8.3 Edit station list

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

- Press  and navigate to the menu item "Delete inactive stations".
- Confirm the selection by pressing **[OK]**.

If you answer the subsequent security prompt with **[OK]**, then all currently unavailable stations will be removed from the station list.

### 8.4 Presets

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



### 8.4.1 Save presets

Set the station that you would like to save as a station preset.

If the station is received, proceed as follows:

- Press and hold **[P]** until the Presets list opens.
- Navigate to the preferred memory slot and confirm your selection by pressing **[OK]**.
- The selection will be confirmed by the display showing "Program (1-7) saved".

#### 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.

### 8.4.2 Retrieving presets

Proceed as follows to open the overview with the station presets:

- Press **[P]** to call up the Presets list.
- Navigate to the preferred station and confirm your selection by pressing **[OK]**.

### 8.5 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:

#### Note

By default, DRC volume adjustment is disabled.

- Press **[G]** and navigate to the menu item "DRC".
- Confirm your selection by pressing **[OK]**.
- Select the required option and confirm it by pressing **[OK]**.

### 9. FM

Repeatedly press **[M]** to enable **FM** operating mode on the radio:

#### 9.1 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 **[G]** to access the "Search settings" menu item.
- Confirm your selection by pressing **[OK]**.
- Pressing **[BACK]** takes you back to the playback screen.
- Select "Strong stations only" in order to only stop during the automatic search on stations with a strong signal. 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.

Select **Strong stations only** to stop only on stations with a strong signal in the automatic search. Otherwise (**All stations**), the search will stop at every station for which a signal is received.



## 9.2 Audio setting

Some radio stations transmit their station signal in stereo quality. This radio uses stereo signals by default and playback is optimised for this.

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 **[⚙️]** and navigate to the menu item "Audio".  
Confirm the selection by pressing **[OK]**.
- Select "Mono only" and confirm the entry with **[OK]**.

## 9.3 Automatic station search

- When you are in the playback screen, press **[BACK]** to access the manual station settings.
- Press and hold **[Volume +/-]** until the automatic station search begins.
- The radio stops the search and starts playback when it finds a station.
- Press and hold **[Volume +/-]** to continue the search until the next station is found.
- Confirm the selection by pressing **[OK]**.

## 9.4 Manual station search

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.

- When you are in the playback screen, press **[BACK]** to access the manual station settings
- Press **[Volume +/-]** ( - : -0.05 MHz / + : +0.05 MHz) until the desired frequency is displayed. Wait a moment until playback of the received station signal begins.

## 9.5 Presets

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

### 9.5.1 Save presets

Set the station that you would like to save as a station preset.

If the station is received, proceed as follows:

- Press and hold **[H]** until the Presets list opens.
- Navigate to the preferred memory slot and confirm your selection by pressing **[OK]**.
- The selection will be confirmed by the display showing "Program (1-7) saved".

### 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.

### 9.5.2 Retrieving presets

Proceed as follows to open the overview with the station presets:

- Press **[H]** to call up the Presets list.
- Navigate to the preferred station and confirm your selection by pressing **[OK]**.

## 10. Auxiliary Input

Via the analogue audio input (**AUX IN** socket) you can connect mobile devices (for example smartphone, tablet PC, M3 player etc.) to the radio and play the audio files using the radio's speakers.

- Press **[M]** repeatedly to activate Auxiliary Input (Aux In) operating mode on the radio.
- Connect your mobile terminal device and the audio input (**AUX IN** socket) on the radio using a 3.5 mm audio cable.
- Start and control audio playback accordingly via the connected device.



## 11. Alarm

The radio has two individually adjustable alarm times.

### 11.1 Settings

- Alarm 1 and alarm 2 are configured identically and allow two separate alarm times to be saved. Switch off alarm 1 or 2 - by pressing and holding **[ALARM] 1 (6)** or **[ALARM] 2 (7)** or using the system settings. Confirm the selection by pressing **[OK]**.

#### Activation / deactivation:

Select On to activate the alarm and to make the alarm settings.

Select Off to deactivate the alarm.

Confirm the selection by pressing **[OK]**.

#### Time:

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

Confirm the selection by pressing **[OK]**.

#### Mode:

Choose when the alarm is to activate:

→ Daily – Once – Weekdays – Weekends

Confirm the selection by pressing **[OK]**.

#### Date:

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

Confirm the selection by pressing **[OK]**.

#### Buzzer / DAB / FM:

Set whether you wish to be woken by an alarm tone

(**Buzzer**), by **DAB** or by **FM**.

Confirm the selection by pressing **[OK]**.

#### Programme:

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**.

Confirm the selection by pressing **[OK]**.

#### 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.

Confirm the selection by pressing **[OK]**.

### 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.

Following successful activation, the alarm symbol (alarm 1 or alarm 2) appears at the right-hand edge of the screen.

### 11.2 Activating / deactivating the alarm

To activate / deactivate the alarm, proceed as follows:

- Select alarm 1 or 2 - by pressing and holding **[ALARM] 1 (6)** or **[ALARM] 2 (7)** or using the system settings.
- Confirm the selection by pressing **[OK]**.
- Select ON to activate the alarm and to make the alarm settings. Confirm the selection by pressing **[OK]**.
- Select OFF to deactivate the alarm. Confirm the selection by pressing **[OK]**.

### 11.3 Stopping the alarm / Snooze function

- When the alarm activates, press **[⏏]** to stop the alarm.
- Press **[🔔 zzz]** to activate snooze. (See **11.4 Setting snooze**)

### 11.4 Setting snooze

- The radio has a snooze function that retriggers the alarm once a selected time period has elapsed.

To set the time period, proceed as follows:

- Press **[⚙️]** to access the menu.
- Select "System settings" and confirm your selection with **[OK]**.
- Select "Snooze" and define the required time period (5/10/15/20/30/45/60 minutes). Confirm your entry with **[OK]**.
- Pressing **[BACK]** takes you back to the playback screen.

## 12. Timer/Sleep

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


- Press **[🔔 zzz]** to set the required time period (5/10/15/30/45/60 minutes) using **[Volume +/-]**.
- Confirm your entry with **[OK]**.



---

## 13. More settings

### 13.1 Time / date settings

- Press  and navigate to the menu item "System".
- Select "Time" and confirm by pressing **[OK]**.
- Choose between „Set time/date“ and „Auto update time“ and confirm by pressing **[OK]**.

#### Set Time/ Date

Manually set the time (**hh:mm**) and date (**DD-MM-YYYY/ MM-DD-YYYY**) using **[Volume +/-]** and **[OK]**.

#### Autoupdate

##### • Update from FM / Update from DAB

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.

##### • Update from Any

It is recommended to use this setting (Update from FM and DAB) for the automatic update.

##### • No update



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

## 13.2 Backlight

### Manual settings

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


Proceed as follows:

- Press  and navigate to the menu item "System".
- Select "Dimmer" and confirm by pressing **[OK]**.
- For the operating modes (**In Operation**) and standby mode (**Standby**), select between various brightness levels.
- When the radio is in standby, press [ **ZzZz**] to illuminate the display at the brightness level set for that operating mode for approx. 10 seconds.

### Automatic settings (Sensor)

With the sensor enabled, the backlight is automatically adjusted to the environment and its brightness. In complete darkness (for example, at night in the bedroom), the backlight completely turns off.

To deactivate the automatic setting (sensor), proceed as follows:

- Press  and navigate to the menu item "System".
- Select "Dimmer" and confirm by pressing **[OK]**.
- Select "Automatic dimmer" and then the required setting.

#### Note



When the sensor is activated, selected settings are not taken into consideration under the Standby mode and Operating mode menu items.



---

### 13.3 Factory reset

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

- Press [⚙️] and navigate to the menu item "System".
- Select "Factory settings" and confirm by pressing [OK].

Confirm the following prompt with **Y** to reset the radio to the factory default settings.

All settings made previously are deleted.

#### Note



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

### 13.4 Info / software version

To have the radio display information about its software, proceed as follows:

- Press [⚙️] and navigate to the menu item "System".
- Select "SW - Version" and confirm by pressing [OK].

### 13.5 Temperature sensor

- The display at the bottom right-hand edge of the screen tells you the current room temperature.
- This is a display that does not have any adjustment options.

### 14. 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 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.

### 15. 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.

### 16. 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)



---

## 17. 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:

electrical 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 to the designated public collection points or to the point of sale at the end of their service lives. Detailed information on this topic is defined in the national laws of the respective country. This presence of the above symbol on the product, operating instructions or package indicates that the 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.

## 18. Declaration of Conformity



Hama GmbH & Co KG hereby declares that the radio equipment type [00054865] 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) -> 00054865 -> Downloads.





***hama***®

**Hama GmbH & Co KG**  
86652 Monheim/Germany  
[www.hama.com](http://www.hama.com)

All listed brands are trademarks of the corresponding companies. Errors and omissions excepted, and subject to technical changes. Our general terms of delivery and payment are applied.

00054865/06.19