

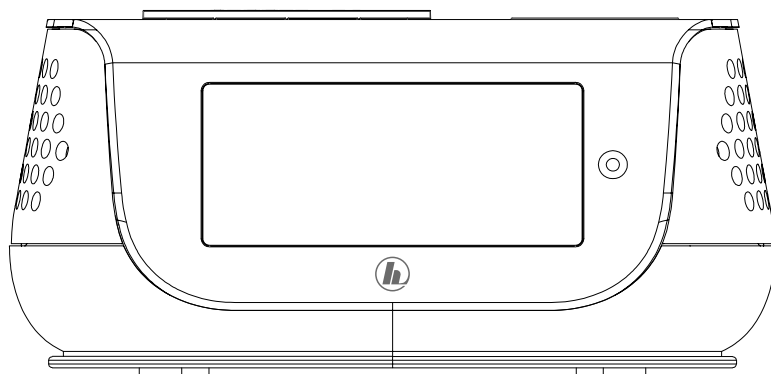
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(DR36SBT)

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(DR36SBT)

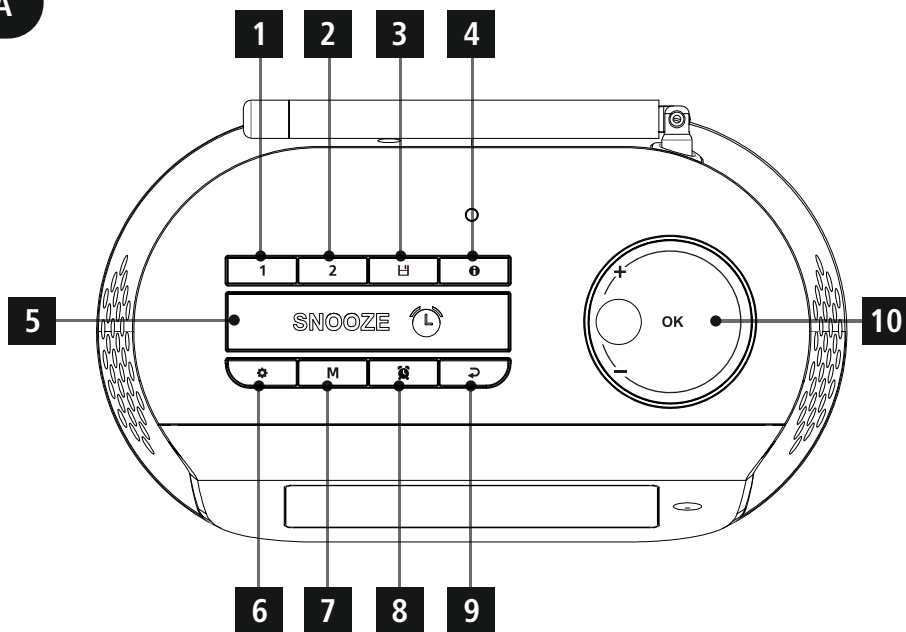
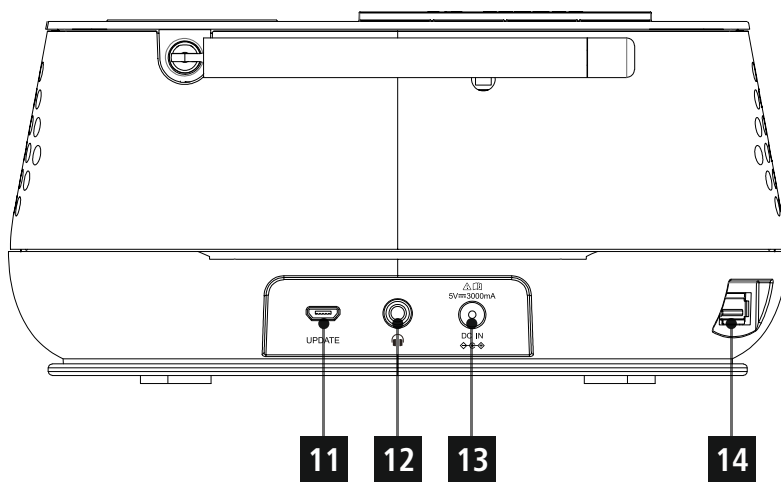
# ***hama***

## **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

**A****B**

Technical data					
<b>Radio Receiver</b>	DAB ✓	DAB+ ✓	FM ✓	Internet -	Spotify -
<b>Connectivity</b>	Bluetooth Standard (5.0), USB (Charge)				
<b>Display</b>	4.16" (10.57 cm) Starburst, 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 $\overline{\text{---}}$ 3.0 A				
<b>Power Consumption</b>	Operation	max. 15 W	Standby	< 1 W	
<b>Input &amp; Output</b>	DC Socket, 3.5 mm Earphone Jack, USB Port, Update Port				
<b>Presets</b>	DAB/DAB+: 30	FM: 30			
<b>Codec</b>	DAB: MP2, AAC				
<b>UI Languages</b>	English, German, Danish, Dutch, Finnish, French, Italian, Norwegian, Polish, Swedish, Turkish, Czech, Slovak				
<b>Package Content</b>	DR36SBT, Short Manual, Power Supply				

## Controls and displays

A: Front		
1	1	<b>[PRESET 1] button</b> Memory slot 1
2	2	<b>[PRESET 2] button</b> Memory slot 2
3		<b>[PRESET] button</b> Save / access favourites
4		<b>[INFO] button</b> Display additional information
5		<b>[SNOOZE/SLEEP] button</b> Activate snooze / Sleep setting
6		<b>[MENU/SETTINGS] button</b> Direct access to settings / menu
7	<b>M</b>	<b>[MODE] button</b> Change operating mode (FM, DAB+, Bluetooth)
8		<b>[ALARM] button</b> Direct access to alarm settings / alarm activation
9		<b>[BACK] button</b> Back one menu level
10	<b>+ / OK / -</b>	<b>[ + / OK / - ]</b> On/Off switch; Volume control; Selection confirmation; Navigation

B: Rear		
11	UPDATE	Update port
12		Headphone jack
13		Mains power supply
14		USB interface



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## Menu structure

<b>DAB</b>	
Station List	
Scan	
DRC	
	DRC off
	DRC high
	DRC low
Prune	
Settings*	
<b>FM</b>	
Scan settings	
	All Stations
	Strong Stations only
Audio	
	Mono
	Stereo
Settings*	
<b>Bluetooth</b>	
BT disconnect	
Settings*	
<b>Settings*</b>	
Timer	
Equaliser	
Time/Date	
	Set Time/Date
	Set 12/24 hour
	Set date format
	Clock Sync.
Backlight	
	Timeout
	On level
	Dim level
Language	
Factory Reset	
Update	
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 DR36SBT
- Power supply unit
- Quick Guide

## 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 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.
- In menus offering a variety of different options (such as DRC, Language and so on), the currently selected option is marked with **\***.

### 4.1 Switch On / Off / Standby

- Press **[+ / OK / -]** (10) to switch the radio on.
- Press **[+ / OK / -]** (10) for approx. 3 seconds to switch the radio 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 through the menu items using.
- Select individual menu items by turning **[+ / OK / -]** (10).
- Confirm the selection by pressing **[+ / OK / -]** (10).

### Note

- If you are in the playback display, use **[↔]** (9) to switch between the volume control and the station list selection.

### 4.3 Volume adjustment

- You can turn the volume up (right) or down (left) by turning **[+ / OK / -]** (10) accordingly.

### 4.4 Additional information

Press **[i]** (4) 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 files.

#### • 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 / sample rate) within 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

Please note:

- Always pull the antenna out completely.
- We recommend you adjust the antenna vertically to ensure optimal reception.
- Try various different positions if necessary to get the best reception.

## 6. Getting started

### 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.

Connect the power supply to the mains connection (13) on the back of the radio alarm clock.

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).

- Wait until the radio has initialised fully.
- Press **[+OK/-]** (10) 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 **[⚙]** (6) to access the Settings menu.
- Use **[+OK/-]** (10) to navigate to the "Settings" menu item.
- Confirm the selection by pressing **[+OK/-]** (10).
- Use **[+OK/-]** (10) to navigate to the "Language" menu item. Confirm the selection by pressing **[+OK/-]** (10).
- Use **[+OK/-]** (10) to select your preferred system language.
- The language setting currently selected is marked with an asterisk (\*).

### 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]** (7) 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 **[⚙]** (6) and navigate to the "Scan" menu item to start a new station search.
- Confirm the selection by pressing **[+OK/-]** (10). 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 **[↶]** (9) to access the current list of stations in alphabetical order.
- Turn **[+OK/-]** (10) to navigate through the list.
- Call up the required station by pressing **[+OK/-]** (10).

#### b)

- Press **[⚙]** (6) and select the menu item "Station list".
- Press **[+OK/-]** (10) to navigate through the list.
- Call up the required station by pressing **[+OK/-]** (10).

### 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 **[⚙]** (6) and navigate to the menu item "Delete inactive stations".
- Confirm the selection by pressing **[+OK/-]** (10).

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



## 8.4 Favourites

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

### 8.4.1 Save favourites

Set the station that you would like to save to a favourites memory slot.

If the station is received, proceed as follows:

- Press and hold [**F**] (3) until the Favourites list opens.
- Navigate to the preferred memory slot and confirm your selection by pressing [**+ / OK / -**] (10).
- The selection will be confirmed by the display showing "Program (1-30) saved".

#### Note

It is not possible to delete a saved station. You can only replace a saved station with another station and overwrite the previous favourite.

- Alternatively, press and hold one of the [**PRESET**] buttons (1/2) for approx. 3 seconds to save the station to the required [**PRESET**] button.

### 8.4.2 Retrieving favourites

Proceed as follows to open the overview with the favourites memory slots:

- Press [**F**] (3) to call up the Favourites list.
- Navigate to the preferred station and confirm your selection with [**+ / OK / -**] (10).
- Press one of the [**PRESET**] buttons (1/2) to play the favourites saved to the [**PRESET**] button.

## 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 [**⚙**] (6) and navigate to the menu item "DRC".
- Confirm your selection by pressing [**+ / OK / -**] (10).
- Select the required option and confirm this by pressing [**+ / OK / -**] (10).

## 9. FM

Press [**M**] (7) repeatedly to activate **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 [**⚙**] (6) to access the "Search settings" menu item.
- Confirm your selection with [**+ / OK / -**] (10).
- 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.
- Pressing [**⏪**] (9) returns you to the playback screen.

#### 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.




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## 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  (6) and navigate to the "Audio" menu item. Confirm the selection by pressing **[+OK/-]** (10).
- Select "Mono only" and confirm the entry with **[+OK/-]** (10).

## 9.3 Automatic station search

- When you are in the playback screen, press **[+OK/-]** (10) until the automatic station search starts.
- The radio stops the search and starts playback when it finds a station.
- Repeatedly pressing **[+OK/-]** (10) continues the search process until the next station is found.

## 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  (9) to access the manual station settings.
- Turn **[+OK/-]** (10) (- : -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 Favourites

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

### 9.5.1 Save favourites

Set the station that you would like to save to a favourites memory slot.

If the station is received, proceed as follows:

- Press and hold **[F1]** (3) until the Favourites list opens.
- Navigate to the preferred memory slot and confirm your selection by pressing **[+OK/-]** (10).
- The selection will be confirmed by the display showing "Program (1-30) saved".

#### Note



It is not possible to delete a saved station. You can only replace a saved station with another station and overwrite the previous favourite.

Alternatively, press and hold one of the **[PRESET]** buttons (1/2) for approx. 3 seconds to save the station to the required **[PRESET]** button.

### 9.5.2 Retrieving favourites

Proceed as follows to open the overview with the favourites memory slots:

- Press **[F1]** (3) to call up the Favourites list.
- Navigate to the preferred station and confirm your selection with **[+OK/-]** (10).
- Press one of the **[PRESET]** buttons (1/2) to play the favourites saved to the **[PRESET]** button.



## 10. Bluetooth

You can pair your terminal device with the radio using Bluetooth and use it as a playback device. You can control playback directly on the terminal device. You can adjust the volume on the radio, as well.

### 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.
- Note that compatibility depends on the supported Bluetooth profiles as well as the Bluetooth versions being used. (See: Technical data in the operating instructions for the respective device)

Press **[M]** (7) repeatedly to activate Bluetooth operating mode on the radio.

### 10.1. Bluetooth pairing

- Press **[⚙]** (6) and navigate to the "Setup Bluetooth" menu item. Confirm the selection by pressing **[+ / OK / -]** (10).
- Ensure your Bluetooth-enabled device is switched on and that Bluetooth is activated.
- Open the Bluetooth settings on your device and wait until the list of found Bluetooth devices shows **DR36SBT**.
- If necessary, start searching for Bluetooth devices on your device.
- Select **DR36SBT** and wait until radio is listed as connected in the Bluetooth settings of your device.
- Your device is also shown as connected on the radio display.
- Start and control audio playback using the controls on your device.

### Note – Bluetooth password



Some terminal devices require a password in order to connect to another Bluetooth device.

- If your device requests a password to connect to the radio, enter **0000**.

### 10.2 Automatic Bluetooth® connection (after successful pairing)

- Devices already paired with the radio are automatically saved on the radio.
- If you are pairing the terminal device with the radio for the first time, proceed as described in **10.1 Bluetooth pairing**.
- Ensure your Bluetooth-enabled device is switched on and that Bluetooth is activated.
- The connection will be established automatically.
- If necessary, open the Bluetooth settings on your terminal device and select **DR36SBT**.
- Start and control audio playback using the controls on your device.

### Note - connection impaired



After the radio and terminal device have been paired, a connection is established automatically. If the Bluetooth connection is not established automatically, check the following:

- In your device's Bluetooth settings, check that **DR36SBT** is connected. If not, repeat the steps listed under Bluetooth pairing.
- Check that your device and the radio are less than 10 metres apart. If not, move them closer together.
- Check whether obstacles are impairing the range. If so, move the devices closer together.



## 11. Other connection options

### 11.1 Connection via headphone jack

You can connect your headphones to the radio's headphone jack and play its audio signals via the headphones.

#### Warning - high volume



- 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 sensible level. Loud volumes, even over short periods, can cause hearing loss.



#### Note



- Reduce the volume of the radio.
  - Switch the radio off before connecting headphones to it.
  - Note the warning and safety information included in the operating instructions of your headphones.
  - Do not bend or crush the cable.
- For playback via the headphone jack, connect the 3.5 mm RCA plug from your headphones to the headphone jack (12) on the radio.
- Press **[+ / OK / -]** (10) to switch the radio on.
  - The radio's audio signal is now output via the headphones.

### 11.2 Connection via USB interface (quick charge function)

The USB interface (14) allows you to connect your device to the radio and charge it.


#### Warning – Connection of devices



- Before connecting a device, check whether it can be adequately supplied with the charger's current delivery.
- Ensure that the output of the connected device does not exceed 12 W.
- The automatic adjustment of the charging current ensures that your device is charged with the best performance.
- Note the instructions in your device's operating manual.

#### Note



- If the charging current is  $> 30$  mA,  lights up in the display.
  - If the charging current is  $< 30$  mA, the symbol goes out. Your device will continue to charge.
  - The charging process is displayed on your device.
- Connect your device to the radio's USB charging socket (14) using a suitable USB cable. To do this, consult the operating instructions for the USB cable you are using.
- Once the device is fully charged, the charging process is ended automatically.
  - Disconnect the device from the USB charging socket if you wish to interrupt the charging process or when the device is fully charged.

## 12. Alarm

The radio has two individually adjustable alarm times.

### 12.1 Settings

- Alarm 1 and alarm 2 are configured identically and allow two separate alarm times to be saved. Select alarm 1 or 2 - by repeatedly pressing **[🔔]** (8).
- Confirm the selection by pressing **[+ / OK / -]** (10).

#### 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 / -]** (10).

#### Time:

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

Confirm the selection by pressing **[+ / OK / -]** (10).

#### Buzzer / DAB / FM:

Define whether you wish to be woken by a buzzing sound (**Buzzer**), **DAB** or **FM**.

Confirm the selection by pressing **[+ / OK / -]** (10).

#### Programme:

If you selected DAB/ FM, enter which station you wish to be woken with. You can choose from the 30 favourites memory slots or **Last listened**.

Confirm the selection by pressing **[+ / OK / -]** (10).



### Mode:

Choose when the alarm is to activate:

→ Daily – Once – Weekdays – Weekends

Confirm the selection by pressing [+ /OK/-] (10).

### Date:

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

Confirm the selection by pressing [+ /OK/-] (10).

### 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/-] (10).

### 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.

## 12.2 Activating / deactivating the alarm

To activate / deactivate the alarm, proceed as follows:

- Select alarm 1 or 2 - by repeatedly pressing [🔔] (8).
- Confirm the selection by pressing [+ /OK/-] (10).
- Select **ON** to activate the alarm and make the alarm settings. Confirm the selection by pressing [+ /OK/-] (10).
- Select **OFF** to deactivate the alarm. Confirm the selection by pressing [+ /OK/-] (10).

## 12.3 Stopping the alarm / Snooze function

- When the alarm activates, press [🔔] (8) to stop it.
- Press [🕒] (5) to activate snooze.
- Select the required snooze duration (5/10/15/20/25/30 minutes) by repeatedly pressing [🕒] (5).

## 13. Sleep

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

- Make sure the radio is switched on.
- Press [🕒] (5) to set the required time interval (5/10/15/30/45/60 minutes) using [+ /OK/-] (10).
- Confirm the input with [+ /OK/-] (10).
- During playback, the sleep symbol appears at the left-hand edge of the screen.

## 14. More settings

### 14.1 Time / date settings

- Press [⚙️] (6) and navigate to the "Settings" menu item.
- Select "Time" and confirm by pressing [+ /OK/-] (10).
- Choose between "Set time/date" and "Auto update time" and confirm by pressing [+ /OK/-] (10).

### Set Time/ Date

Set the time (hh:mm) and date (DD-MM-YYYY/MM-DD-YYYY) manually using [+ /OK/-] (10).

### 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.





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## 14.2 Equaliser

The equaliser allows you to adjust the sound of the radio to suit your preferences by amplifying or reducing the amount of bass or treble in the audio .


You can choose from preconfigured profiles, adjusted to suit a variety of music genres, or create your own custom profile.

To set the equaliser, proceed as follows:


- Press  (6) and navigate to the "Settings" menu item.
- Select "Equaliser" and confirm by pressing **[+ / OK / -]** (10).
- Select one of the preconfigured profiles with **[+ / OK / -]** (10).
- To create your own equaliser profile, choose the **My EQ setting** option.
- This takes you to the **bass, treble and loudness** settings (volume amplification).
- To adjust a particular value, press **[+ / OK / -]** (10) on the corresponding selection and change the values by turning **[+ / OK / -]** (10) left or right. If playback is already started when you modify these settings, you can hear the changes in the audio immediately.
- Confirm the selection by pressing **[+ / OK / -]** (10) again.
- Once you have made all of the settings, press  (9) on the radio and confirm that the settings are to be saved by pressing **[+ / OK / -]** (10).
- To use the new profile, choose the **My EQ** option.

## 14.3 Timer

The radio has a timer which emits an alarm tone after a pre-defined length of time has elapsed.

- Press  (6) and navigate to the "Settings" menu item.
- Select "Timer" and confirm the selection by pressing **[+ / OK / -]** (10).

Turn **[+ / OK / -]** (10) to select the desired countdown time (0-99 min).

- Press **[+ / OK / -]** (10) or  (9) to stop the alarm tone once the time interval has elapsed. Otherwise, the alarm will stop automatically after 30 minutes.
- Set the time interval to 0 minutes to turn the timer off.


## 14.4 Backlight

### Manual settings

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

- There is also the timeout function This is the time delay in seconds after which the display switches to the set backlighting level in **Standby**.

Proceed as follows:


- Press  (6) and navigate to the "Settings" menu item.
- Select "Backlight" and confirm by pressing **[+ / OK / -]** (10).
- For the **Operation** and **Standby** modes, select from various brightness settings.
- If the timeout is set to ON, the backlighting level remains as it is set in operating mode (**Operation**).

### 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 activate the automatic setting (sensor), proceed as follows:

- Press  (6) and navigate to the "Settings" menu item.
- Select "Backlight" and confirm by pressing **[+ / OK / -]** (10).
- Select the "Automatic" setting to activate the brightness sensor.

## 14.5 Factory reset

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

- Press  (6) and navigate to the "Settings" menu item.
- Select "Factory reset" and confirm by pressing **[+ / OK / -]** (10).

Confirm the following prompt with **[+ / OK / -]** (10) to reset the radio to the factory 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 favourites and station lists, are permanently deleted.

## 14.6 Info / software version

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

- Press  (6) and navigate to the "Settings" menu item.
- Select "Version" and confirm by pressing **[+ / OK / -]** (10).

## 14.7 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.

### 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.

## Update port

The update port allows you to load software updates manually.

### Note

- Available updates and instructions on how to install them can be found at: [www.hama.com](http://www.hama.com) -> 00054896, 00054231





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## 15. 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.

## 16. 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.

## 17. Declaration of Conformity

**CE** Hama GmbH & Co KG hereby declares that the radio equipment type [00054896, 00054231] 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)  
-> 00054896, 00054231 -> Downloads.

Frequency band(s)	Maximum radio-frequency power transmitted
Bluetooth: 2,402 – 2,480GHz	5dBm (EIRP)

# ***hama***

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

## **Service & Support**

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

 +49 9091 502-115

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