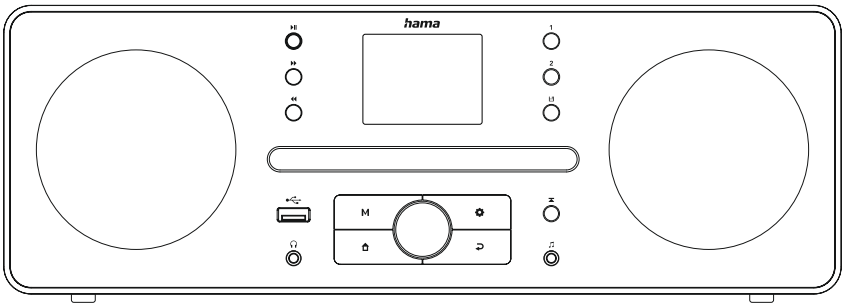
00054254
(DR1560CBT)

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

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2. Introduction

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.

2.1 Explanation of warning symbols and notes

Risk of electric shock

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

Warning

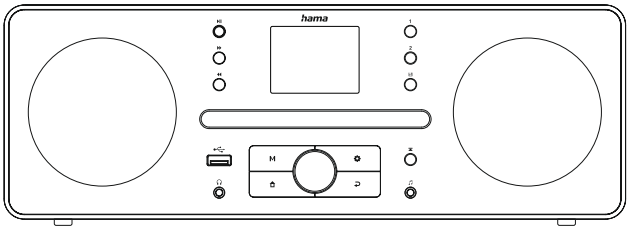
This symbol is used to indicate safety instructions or to draw your attention to specific hazards and risks.

Note

This symbol is used to indicate additional information or important notes.

2.2 Package contents

- DR1560CBT Digital Radio with CD
- Quick-start guide (multi-lingual)



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, 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.

Warning - laser

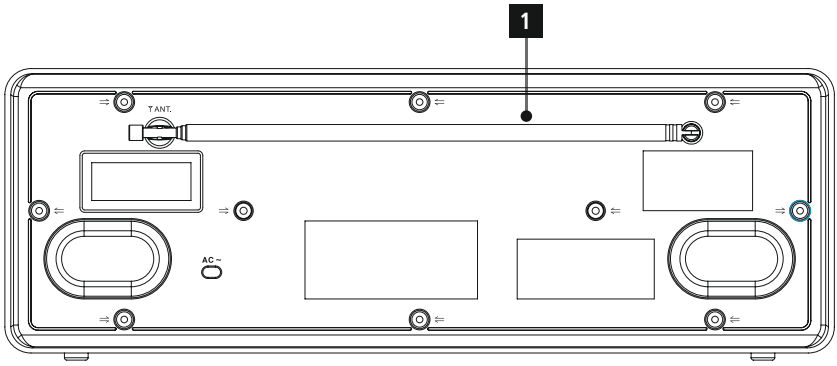
- Do not look directly at the laser beam! Close your eyes and turn your head away if your eyes meet the laser beam.
- Do not look directly at the laser beam using optical instruments!
- This product contains a class 1 laser for consumers compliant with EN50689:2021.

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.

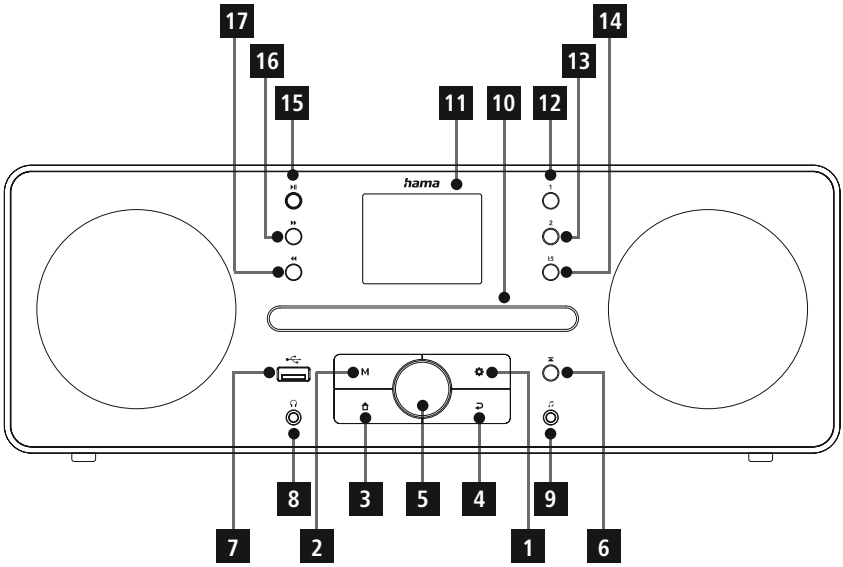
4. Setting up the radio and accessories

4.1 Rear view



No.	Designation	Function
1	Antenna	

4.2 Front view



No.	Button	Designation
1	⚙	[MENU/SETTINGS] button
2	M	[MODE] button
3	⌂	[HOME] button
4	↩	[BACK] button
5		[POWER/VOLUME/ENTER/ NAVIGATE] button
6	⏏	Button (CD eject)
7	⇤	USB connection
8	🎧	Headset connection (3.5 mm)
9	♫	Aux-IN (3.5 mm)
10		CD drive
11		Display

No.	Button	Designation
12	1	[PRESET 1] button
13	2	[PRESET 2] button
14	⍈	[PRESET] button
15	⏯	[Play/Pause] button
16	⏩	[Forward] button
17	⏪	[Back] button

5. Operating concept

5.1 General operation

Icon	Designation	Function
	Hand symbol	Press once
	Hand symbol	Press multiple times
	Hand symbol	Press repeatedly
	Hand symbol	Hold for 3 seconds

Button	Designation	Function
	Navigation rotary dial	• Navigation forwards in the current menu • Navigation backwards in the current menu • Reduces the volume of the current playback • Increases the volume of the current playback
	[OK] rotary dial button	• Confirmation button for opening the menu or function currently highlighted • Toggling between the presentation forms available (full screen / split screen) • **Long button press:** Switch off and switch on the radio
	[MODE] button	Repeated pressing toggles between operating modes
	[HOME] button	All menus are closed and the radio returns to the playback screen

5.2 Settings menu

Button	Designation	Function
	[SETTINGS] button	Opens the Settings menu for the currently active mode
	[BACK] button	• Opens the station search / station list (DAB) • Toggles between the setting for the volume and manual frequency setting (VHF) • Back to the previous menu

5.3 Managing favourites

Button	Designation	Function
1	**[PRESET 1]** button	• **Short button press:** Access favourite storage space 1 for current playback mode • **Long button press:** Save the current station to favourite storage space 1
2	**[PRESET 2]** button	• **Short button press:** Access favourite storage space 2 for current playback mode • **Long button press:** Save the current station to favourite storage space 2
	[PRESETS] button	• **Short button press:** Calls up the favourites list to select favourites • **Long button press:** Calls up the favourites list to save the selected station

5.4 Music operation

Button	Designation	Function
	CD eject	• If a CD is inserted, this is ejected. • In DAB mode: Changes the contents shown in the station information (genre / artist / information).
	[PLAY / PAUSE] button	• The current playback is stopped and the current position in the playback is saved. • Pressing the button again continues playback.
	[PREVIOUS] button	• The current track is started from the beginning. Pressing the button again calls up the previous track. • In DAB mode, the station that appears previously in the list of stations is called up.
	[NEXT] button	• The next track on the storage medium is played. • In DAB mode, the station that appears next in the list of stations is called up.

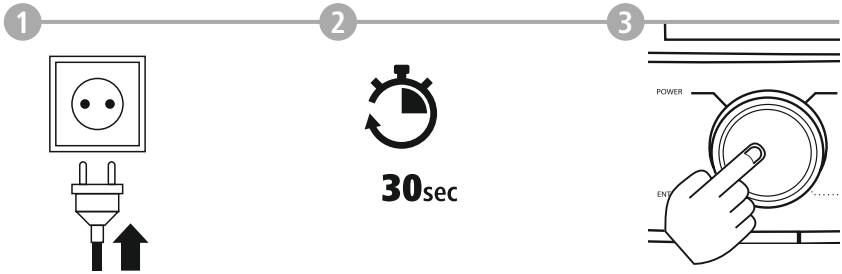
6. Setup

6.1 Connecting and operating the radio

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.

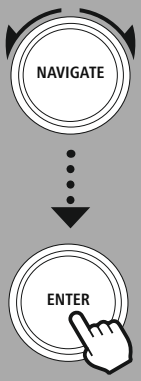
- Connect the mains cable to a properly installed and easily accessible mains socket.
- The power supply unit is suitable for mains voltages between 100 and 240 V and can therefore be used on virtually any AC power grid. Please note that a country-specific adapter may be necessary.
- You can find an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

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.



7. Navigation and controls

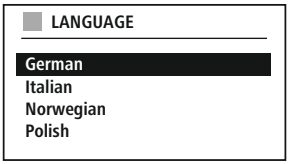
Once the radio has been initialised for the first time, switch it on using the ⏻ button (Power button) if required to start the product setup process. Below, the relevant steps are explained in brief. Further information can be found in the relevant detailed sections.

7.1 Control options

Please see the operating concept for information on the radio's general operation.
The radio can be used with the following control options:
- Control elements on the device

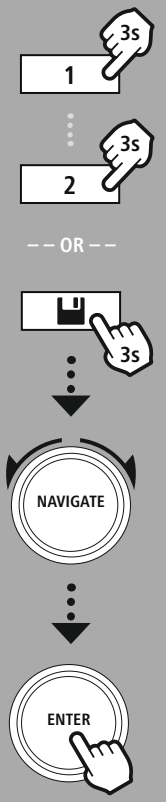
7.2 Language selection

Once the initial start-up procedure is complete, you can choose your preferred system language.



7.3 Time settings

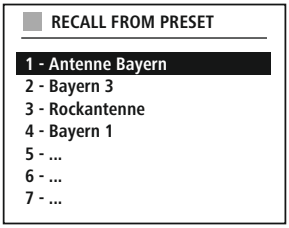
The radio allows the time to be displayed in 12-hour (am/pm) or 24-hour format. The time can be calibrated using the various reception methods (VHF/DAB/DAB+), enabling the current time to be synchronised automatically in the event of
a power cut. If you disable synchronisation, there is the risk that the time information will need to be repopulated manually after a power cut.

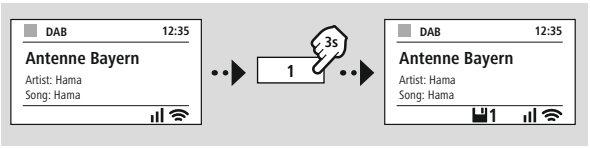


7.4 Managing favourites

Please see the operating concept for information on how to store content for the relevant mode in a storage space and retrieve it. The following storage spaces are available for the reception methods supported:

Digital radio DAB+	30
Analogue radio VHF/FM	30





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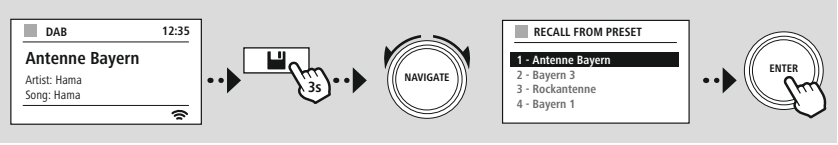


7.5 Screen display

For playback modes that display image content, which can be slideshow content, station logos or album covers, for example, you can choose between different display methods.

1) Split screen

2) Display of image content on the entire screen

Please refer to the operating concept for the key assignment.

8. Menu structure

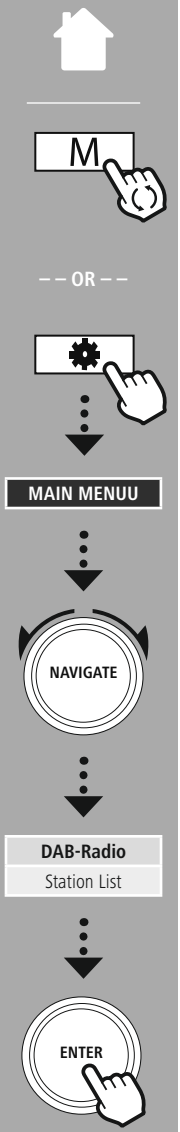
This device has a variety of reception methods and additional functions. These are summarised in the radio's main menu and divided into several sections.
The following overview should help you to find the desired function in the menu structure quickly. The exact explanations are gone into in more detail in the following section and each operation is illustrated graphically.

MAIN MENU

DAB-Radio	**External Sources**
Station List	Bluetooth Streaming
DAB Tuning	Aux In
DRC	USB
UKW-Radio	**Routines**
Scan Settings	Alarm
Audio Settings	Sleeptimer
CD	
Repeat	
Shuffle	

SETTINGS

Audio Settings	**System Settings**
Equaliser	Time/Date
Display Settings	Language
Backlight	Auto-Standby
Theme	Factory Reset
	About-System Information
	Info



9. DAB-Radio

This radio receives all common digital radio frequencies in the range of 174 MHz to 239.2 MHz. The automatic DAB station search starts automatically when DAB mode is started for the first time. As soon as this has been completed, the current station list is displayed.

By calling up the corresponding DAB settings menu, you can access the following settings options and functions.

9.1 Station List

The station list offers a complete display of all radio stations that were found during the last complete search.
Navigate to the desired station you want to call up and confirm this selection. The radio will now start playing the corresponding station.

9.2 DAB Tuning

9.2.1 Full scan

If the location of the radio changes or if new stations can be received, it is advisable to perform the station search again. The entire frequency range is searched again and the station list is updated.

9.2.2 Delete inactive stations

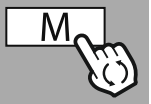
Select **"Delete inactive stations"**to remove stations from the station list that are currently no longer available.

9.3 DRC

9.3.1 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 piece of music
DRC low	Partial equalisation of different volumes. More subtle compression, without too much loss of dynamics
DRC off	No equalisation



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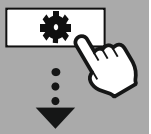


MAIN MENU

UKW-Radio

10. UKW-Radio

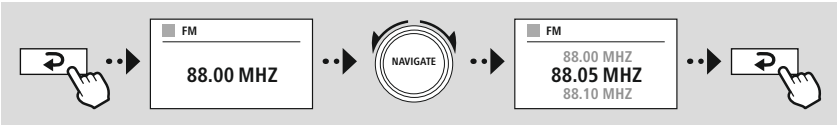
This radio has a software-based VHF receiver that can receive and play analogue radio. It covers the frequency range from 87.5 MHz to 108 MHz.

Automatic station search

The radio automatically searches for stations that can be played back with sufficient quality. As soon as a station is found, the search stops automatically and playback starts. Start the search again to search for the next available station.

Manual station search

- To tune into a station manually, first switch to tuning mode.
- Tuning now takes place in steps of 0.05 MHz.
- Once you have set the frequency, you can switch back to the radio's volume setting.
- If manual tuning is active, the currently set frequency is highlighted on the screen.



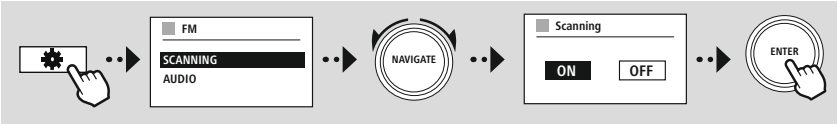
10.1 Scan Settings

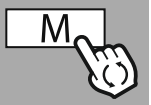
Additional functions are available to optimise the quality of playback and the reliability of the search.

Confirm the selection with **"Available stations only"** to play only stations that can be received by the radio in sufficient quality. Select **"All stations"** to also stop at stations which can only be received in weak quality.

10.2 Audio Settings

With analogue radio signals, the radio may try to automatically calculate and play back a stereo quality reproduction. If there are audible quality problems during playback, select **"Mono only"** to play back the signal unchanged in mono quality.
By selecting **"Stereo permitted"**, the conversion to a stereo signal is carried out automatically.





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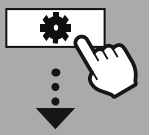


11. CD

The radio features a CD drive that can be used to play normal audio CDs as well as MP3 CDs. Self-burned CD-R and CD-RW storage media are also supported.
In **"CD"** mode, additional operating keys are available, which you can find in the operating concept.

Insert/Eject disc

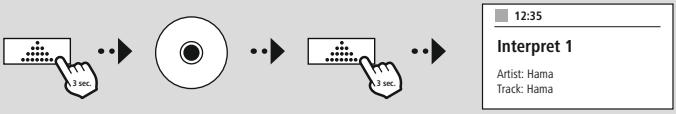
Note

- Make sure that the disc (CD, CD-R, CD-RW, MP3 CD etc.) is free of dust, dirt, fingerprints and scratches. Otherwise a malfunction may occur during playback, or playback cannot be started.
- Never use force to insert or eject a disc. This can cause damage to the disc or drive.

Note

Note that at very high volume the playback of the CD may judder or skip.

Ensure that CD mode is active.
- Open the drawer drive by pressing the corresponding function key.
- If necessary, remove the disc from the CD drawer.
- Now carefully place a disc in the empty CD drawer.
- Close the drawer drive by pressing the function key again.
- The storage medium is now read in and playback is started.

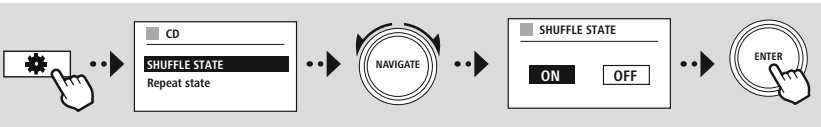


11.1 Repeat

The **"Repeat"** function offers the option of repeating individual tracks or everything.
If one of these functions is activated, the radio repeats the corresponding playback until you deactivate the function again - i.e. set its value to **"Off"** .

11.2 Shuffle

If shuffle play is activated, the tracks on the storage medium are played in a random order. Select **"On"** to activate this function.



12. External Sources

12.1 Bluetooth Streaming

This radio has a Bluetooth® receiver which allows you to transfer audio content to the radio. The transmitting device, for example a smartphone, is connected to the radio for this purpose and the audio content is transmitted directly to the radio. To do this, activate Bluetooth® playback mode.

Music playback via Bluetooth®

As soon as your source device, for example a smartphone, is connected to the radio, start playback on the source device.

The radio now plays back the content. The volume can be changed directly via the radio, but note that the volume must also be adjusted on the source device.

More settings

Bluetooth® receiver

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

Pair a new device

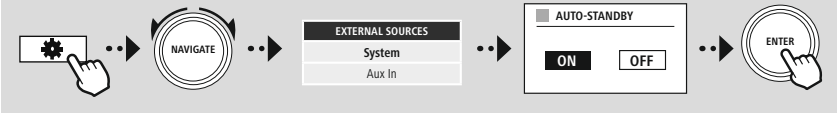
The radio's mode is changed to Bluetooth playback and the radio is immediately in **"Pairing"** mode. This means that the radio is visible to other devices and you can connect via your smartphone/tablet or other source device. The radio's display shows you the name under which you can find the radio. After a successful connection, you can start playback via the source device.

12.2 Aux In

This radio has a 3.5mm jack connection that allows you to connect external source devices to the radio. Please note that all operations are carried out via the source device. On the radio, you can only change the volume.

Note

- The radio detects whether a device is connected and playback is taking place.
- Occasionally, the input signal may be too weak and the radio may mistakenly go into standby mode.
- If this occurs, deactivate the radio's automatic switch-off mechanism.
- Please note that the radio does not automatically go into standby mode when there is no playback.



12.3 USB

The radio has a USB port that allows you to play external storage media.
Please note that only storage media formatted in **FAT32 format** are supported - other file systems can lead to problems in recognising the storage medium and prevent playback. The radio supports the playback of **MP3 files**.

Connection

- Connect the storage medium, e.g. a USB stick, to the radio's USB port.
- As soon as the storage medium is connected, it is recognised and initiated by the radio.

Once the storage medium has been initiated, the radio will display the user interface from which you can use the playback functions.

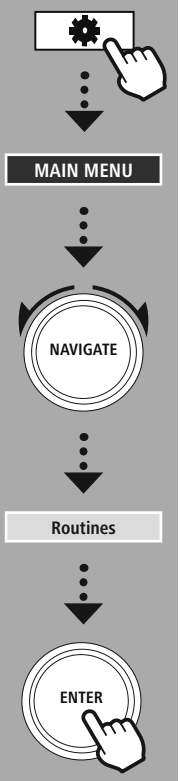
This menu can be accessed again at any time.

12.3.1 Repeat (ON/OFF)

If this function is active, the contents of the USB storage medium are repeated.

12.3.2 Shuffle

If this function is active, the contents of the USB storage medium are played back in a random order.



13. Routines

This radio has comfort functions which are available in addition to traditional radio playback.

13.1 Alarm

The radio has two individually adjustable alarm times. Alarm 1 and alarm 2 are configured in the same way.

Configuration

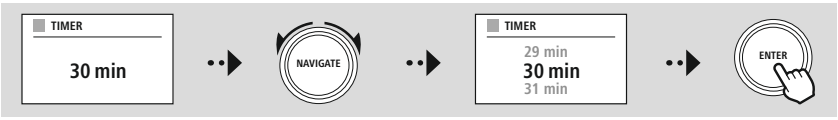
First select whether you want to configure alarm 1 or alarm 2 and then specify the exact details:

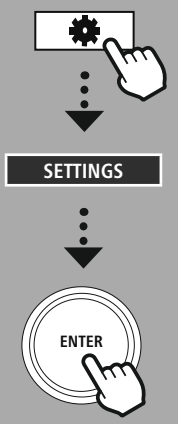
Status	Set when the corresponding alarm is active.	
	Off	Alarm is inactive
	Daily	The alarm is triggered daily
	Once	The alarm is only triggered once, at the set time
	Saturday & Sunday	The alarm is always triggered on Saturdays and Sundays
	Monday - Friday	The alarm is only triggered on Monday to Friday
Time	Define the date (if "Once" is selected) on which and at what time the alarm is to be active.	
Source	Set which source is to be used for the alarm (radio receiver or signal tone).	
Programme	Set which station (only for alarm via radio receiver) is to be used. You can choose between the last station you listened to or a station that has been saved in a favourite storage space.	
Volume	Set the volume at which the corresponding station or alarm tone is to be played.	
Save	The settings previously made are saved and the alarm is configured.	

13.2 Sleeptimer

The sleep timer can be configured to a value of 1-90 minutes.

Select the desired runtime for the sleep timer and then confirm the selection to activate the sleep timer. When the timer expires, a signal tone sounds.

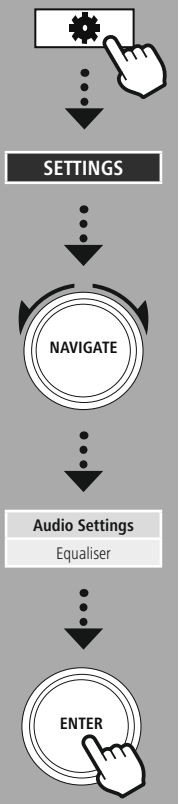




14. SETTINGS - Summary

The system settings are divided into four main categories under which the other settings are located.

SETTINGS	
AUDIO SETTINGS	
Equaliser	My EQ-Settings
DISPLAY SETTINGS	
Backlight	Time-Out On Level Dim Level
Theme	Obsidian Ruby Emerald Pearl Sapphire
SYSTEM SETTINGS	
Time/Date	Set Time/Date Auto Update Set Date Format
Language	
Auto-Standby	
Factory Reset	
ABOUT-SYSTEM INFORMATION	
Info	



15. Audio Settings

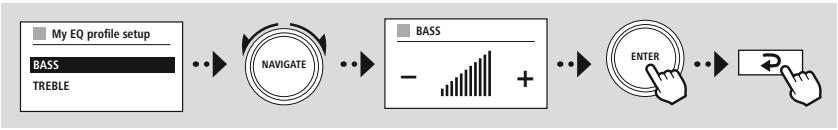
15.1 Equaliser

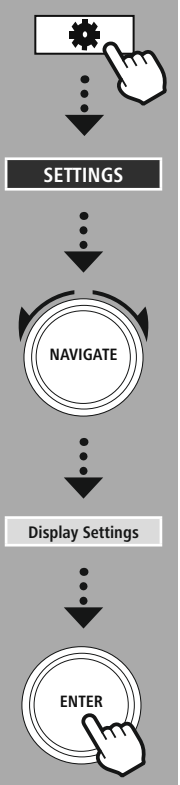
The equaliser allows you to adjust the sound of the radio to suit your preferences by amplifying or reducing the amount of bass or treble in the audio .

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

15.1.1 My EQ-Settings

To make your own adjustment of the sound, open this menu item and then select whether you want to adjust the bass or treble. After completing the settings, return to the previous menu and then select the profile **"My EQ"** , which contains your settings.





16. Display Settings

16.1 Backlight

16.1.1 Time-Out

This setting refers to the radio's standby mode, i.e. when the radio has been set to standby. The **"Wait"** function refers to the period of time between switching off the radio and adjusting the lighting intensity. If the timeout function is deactivated, the intensity of the display illumination is adjusted immediately when the radio is put into standby mode.

The **"Display illumination"** menu item allows you to again choose between the values **"High"**, **"Medium"**, **"Low"** and additionally **"Off"**, which completely deactivates the illumination of the display.

16.1.2 Operating mode

The Display illumination setting refers to regular operation of the radio with the twilight sensor/auto dimmer deactivated. You can choose between **"High"**, which corresponds to maximum intensity, **"Medium"** a reduction of the illumination to approx. 60%, and **"Low"**, which corresponds to very low intensity.

16.1.3 Standby

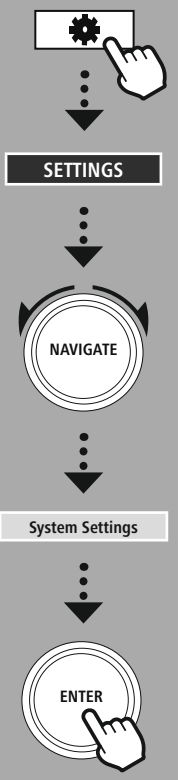
If a snooze function is activated via the Routines function, you can use this menu item to adjust the lighting intensity used during snooze mode. After snooze mode has ended, the radio switches to standby mode and uses the intensity selected accordingly. The values **"High"**, **"Medium"**, **"Low**" and **"Off**" are available to choose from.

16.2 Theme

This radio has several ready-made colour displays that differ in the colours of the text and the background. Choose your preferred colour scheme here.

Note

The colour scheme is used by default.



17. System Settings

The radio's general settings are summarised under the System item.

17.1 Time/Date

17.1.1 Set Time/Date

If you want to set the date and time manually, you can do this via the screen mask and confirm the entries one after the other for the day, month, year, hours and minutes.

17.1.2 Auto Update

When this option is selected, the time and date are synchronised automatically from a radio source. You can select an available radio receiver as the source. If you do not want automatic synchronisation, select **"Do not update"**.

Note

If there is a power cut, the radio will request the current time from the selected source and adopt it.

17.1.3 Set Date Format

You can choose between the display formats of 24 or 12 hours (am/pm) and adjust this at any time.

17.2 Language

This menu allows you to change the radio's system language.

17.3 Auto-Standby

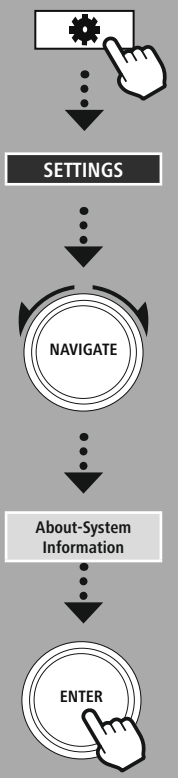
The radio regularly switches to standby mode after 15 minutes without playback in order to save power. Occasionally, there may be problems with playback via a jack connection because the transmitted signal is too weak and the radio mistakenly assumes there is no active playback. To remedy this, you can deactivate automatic standby by confirming the query with **"NO"**.

17.4 Factory Reset

This function allows you to reset your radio to the factory settings on the software side. Confirm the prompt with **"YES"** to start the process.

Note

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



18. About-System Information

This menu provides you with further information about your digital radio and the associated data protection policy, which is provided by the web service provider.

18.1 Info

A summary of the radio's software and hardware. You can find the current software version of your device in this information, should you require support from Hama's product advice team.

19. Technical data

Technical data	
Display	2.4" (6.09cm) colour display
Loudspeaker	3" 2X5W (RMS)
Power supply	Built-in power supply, AC100-240V, output power 32W
Languages supported	English, German, Danish, Dutch, Finnish, French, Italian, Norwegian, Polish, Portuguese, Spanish, Swedish, Turkish, Czech, Slovak
Packaging contents	Hama DR1560CBT, Quick Start Manual

Connectivity	
Bluetooth	receiver (RX): V5.0, class 2, A2DP, AVRCP
USB (FAT32 file system)	Charge: 5 V / 1 A Playback: MP3

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

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