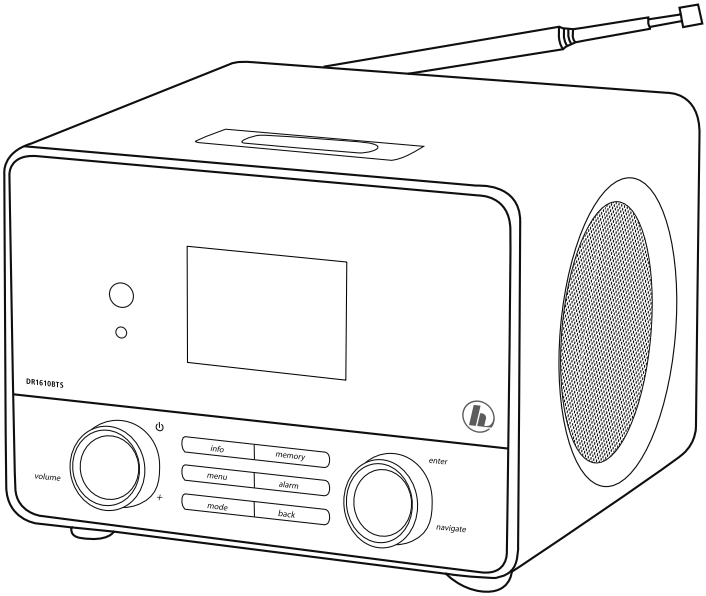
00054870
(DR1610BTS)

THE SMART SOLUTION

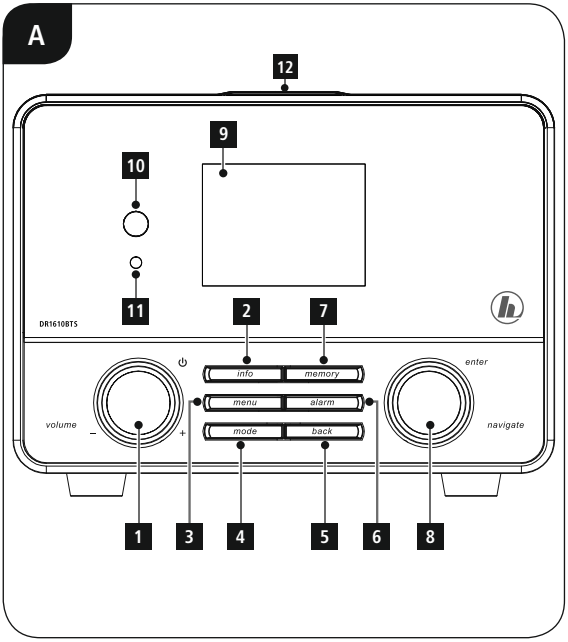
Digital Radio

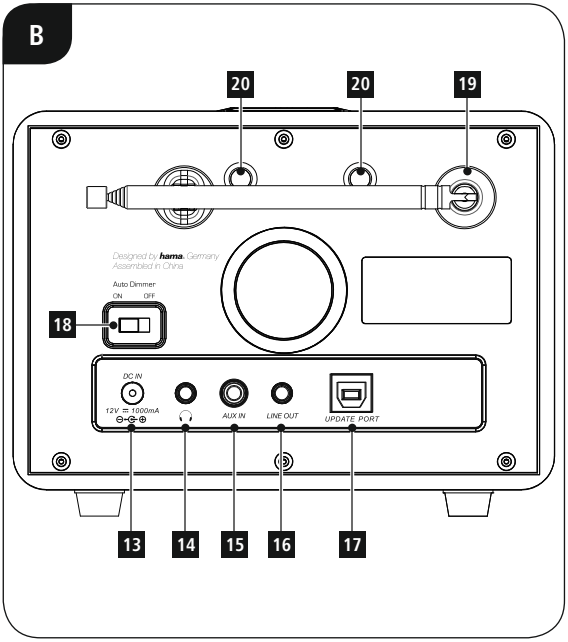
Digitalradio

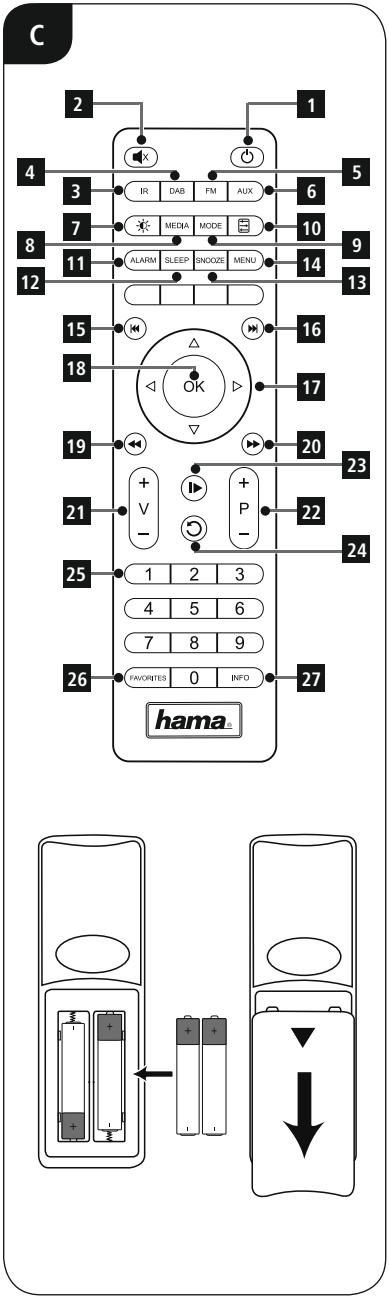


Operating Instructions / Bedienungsanleitung / Mode d'emploi / Instrucciones de uso /
Руководство по эксплуатации / Istruzioni per l'uso / Gebruiksaanwijzing / Οδηγίες χρήσης / Instrukcja obsługi /
Használati útmutató / Návod k použití / Návod na použitie / Manual de instruções / Kullanma kılavuzu /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

Technical data / Technische Daten					
Radio Receiver/ Radio Empfänger	DAB ✓	DAB+ ✓	FM ✓	Internet -	Spotify -
Connectivity/ Konnektivität	Bluetooth® V2.1				
Bluetooth® Profiles/ Bluetooth®-Profile	A2DP V1.2, AVRCP V1.4				
Display/ Display	2.4" (6.1 cm Colour TFT)				
DAB/DAB+ Frequencies/ DAB/DAB+ Frequenzen	174 – 240 MHz				
FM Frequncies/ FM Frequenzen	87.5 – 108 MHz				
Speaker/ Lautsprecher	2.75"	2 x 5 W (RMS)			
Acoustic Material/ Material Klangkörper	Wood MDF				
Power input/ Stromeingang	12 V ⎓ 1 A				
Power Consumption/ Stromaufnahme	Operation/ Betrieb	max. 12 W	Standby	< 1 W	
Input & Output/ Anschlüsse	DC Socket, Line Out (3.5 mm), AUX IN (3.5 mm), Earphone Jack (3.5 mm), USB (Update Port)				
Presets/ Favoriten	DAB/DAB+: 30	FM: 30			
Codec	DAB: MP2, AAC	Bluetooth®: SBC			
UI Languages/ UI Sprachen	English, French, German, Italian, Finnish, Dutch, Danish, Norwegian, Polish, Swedish, Portuguese, Spanish, Slovak, Czech, Turkish				
Package Content/ Verpackungsinhalt	DR1610BTS, Power adaptor, Remote control, 2x AAA alkaline battery, Instruction manual				
Dimension (WxHxD)/ Größe (BxHxT)	16 x 12 x 15 cm				
Weight/ Gewicht	1.3 kg				
Maximum radio-frequency power transmitted	Bluetooth®: 4dBm				
Bluetooth® Frequncies	2.402 – 2.480GHz				


A
DR1610BTS
info
memory
menu
alarm
mode
back
volume
enter
navigate


B
Designed by hama, Germany
Assembled in China
Auto Dimmer
ON OFF
DC IN
12V 1000mA
AUX IN
LINE OUT
UPDATE PORT


C
IR
DAB
FM
AUX
MEDIA
MODE
ALARM
SLEEP
SNOOZE
MENU
OK
V
P
1 2 3
4 5 6
7 8 9
FAVORITES
0
INFO
hama

Controls and Displays

A: Front		
1	[volume -/+] / [⏻]	Rotate: Volume control Press: On/off switch
2	[info]	Display additional information
3	[menu]	Direct access to the menu / Back one menu level
4	[mode]	Changing operating mode (Bluetooth, DAB, FM, Aux in)
5	[back]	Back one menu level
6	[alarm]	Direct access to alarm clock settings
7	[memory]	List/save favourites
8	[enter/ navigate]	Rotate: Select Press: Confirm
9		2.8" LCD
10		Infrared receiver
11		Brightness sensor
12	[SNOOZE]	Activating Snooze

B: Back		
11		Mains power supply
12		Headphone socket
13		AUX-In socket
14		Line-out socket
15		Connexion USB-B
16		Auto dimmer switch
		Antenna
		Thread for attaching to the wall bracket

C: Remote Control		
1	[⏻]	On/off switch ≙ Press [volume -/+]/ [⏻]
2	[OK]	Confirm ≙ Press [enter/navigate]
3	Navigation keys	∧ Up / ∨ Down / < Back one menu level ≙ [back] / > Forward/ Confirm ≙ Press [enter/navigate]/[OK]
4	Volume keys [+]/[-]	Volume control ≙ Rotate [volume -/+]/ [⏻]
5	[MENU]	Direct access to the menu ≙ [menu]
6	[MODE]	Changing operating mode (Internet radio, Spotify Connect, Music player, DAB, FM, Aux in) ≙ [mode]
7	[INFO]	Display additional information ≙ [info]
8	[MUTE]	Mute
9	[ALARM]	Direct access to alarm clock settings ≙ [alarm]
10	[⏮]	previous track (operating mode: Spotify Connect, Music player)
11	[⏭]	next track (operating mode: Spotify Connect, Music player)
12	[⏯]	Start/ Stop playback (operating mode: Spotify Connect, Music player, Aux in)
13	Number keys	Direct access to favourites/Save favourites
14	[SLEEP]	Snooze settings ≙ [SNOOZE]
15	[SNOOZE]	Activating Snooze ≙ [SNOOZE]

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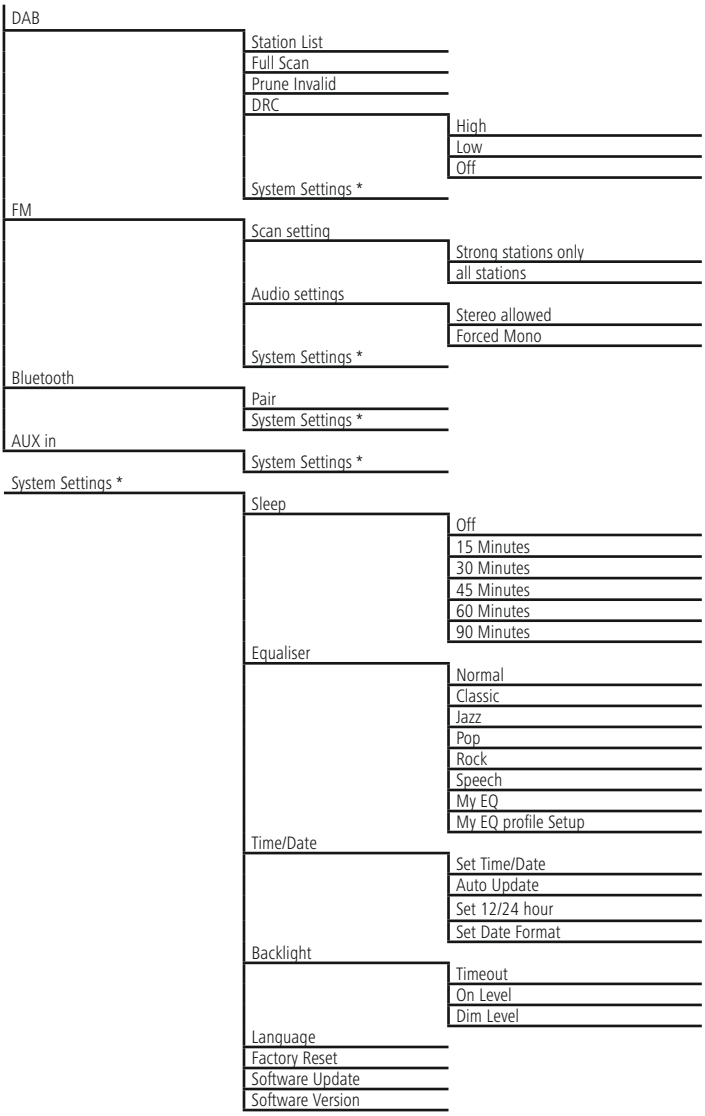
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Menu structure



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 product parts energized with a dangerous voltage of sufficient magnitude to constitute a risk of electric shock.

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

- DR1610BTS digital radio
- Quick guide/operating instructions
- Power supply unit
- Remote control
- 2 x AAA batteries

3. Safety Notes

- The product is intended for private, non-commercial use only.
- Protect the product from dirt, moisture and overheating and us it in dry rooms only.
- As with all electrical devices, 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 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.

Warning Batteries

- When inserting batteries, note the correct polarity (+ and - markings) and insert the batteries accordingly. Failure to do so could result in the batteries leaking or exploding.
- Do not allow children to change batteries without supervision.
- Remove the batteries from products that are not being used for an extended period.
- Do not short-circuit batteries.
- Do not charge batteries.
- Do not throw batteries in a fire.
- Keep batteries out of the reach of children.
- Do not mix old and new batteries or batteries of a different type or make.

4. Information and notes before initial startup

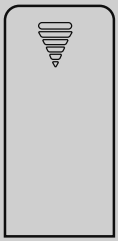
Note – Optimising reception

- 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.

5. Getting started

5.1 Remote control

- Open the battery compartment cover located on the rear of the remote control.
- Pull the closing tab back (if present) and lift the cover. With other models of remote control, it suffices to simply push the casing in the direction indicated.

A: Closing tab	B: Sliding cover
	

- Insert the batteries provided, making sure you match the polarities correctly. The correct polarity is indicated by the plus and minus symbols in the battery compartment.

5.2 Radio – Connecting and starting up

Connect the power cable to a properly installed and easily accessible power 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 a selection of compatible products at www.hama.com.

Note

- 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.

5.3 General notes on use

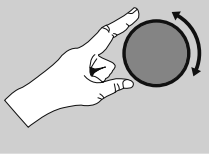
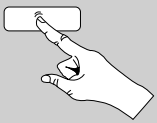
Notes on use

- These operating instructions always relate to operation using the controls on the device. Functions that are only usable by remote control are explained separately.
- The buttons on the remote control and their functions (≙) correspond to the control buttons on the device. For more information, see Controls and Displays.
- [OK] and the navigation button ► on the remote control correspond to pressing [enter/navigate].
- The navigation button ◄ on the remote control has the same function as [back] on the front of the radio.
- The navigation buttons ▲ / ▼ correspond to turning [enter/navigate] to the left and right on the front of the radio.
- In menus offering a variety of different options (for example, DRC, Language, etc.), the option currently selected is marked with an asterisk (*).
- When a selection is to be made between different buttons (for example, Yes or No), the selected button is marked with < >.

Navigation and controls

- Choose between individual menu items by turning [enter/navigate].
- Press [enter/navigate] to confirm your selection.

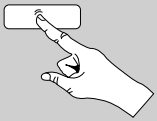
This procedure is indicated in these operating instructions by the following symbols.

selection (navigate)	confirmation (enter)
	
	Some features can be accessed by means of shortcut buttons. Pressing shortcut buttons is indicated here by this symbol.

After pressing a shortcut button, navigate between the menu items using [enter/navigate].

Adjusting/muting the volume
- You can turn the volume up or down by turning the [volume -/+] / [⏻] right or left respectively.
- Press [MUTE] on the remote control to mute the radio.
- Press [MUTE] again to reset the volume to the level it was at before the radio was muted.

Additional information
Press [info] to display context-dependent additional information. The information shown depends on the operating mode as well as the current choice of radio station, music file, etc.

	[**info**]

• **Description**
Indicates the radio station, the current program, contents, subjects, etc.

• **Program genre/country**
Indicates the genre (music style) and the country or region of the station.

• **Bit rate**
The current digital bit rate of the station currently being received.

• **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 in a certain period of time.

• **Playback buffer**
The signal strength of the current station is indicated by the length of the bar display.

• **Today's date**

• **Time**

• **Signal error**

• **Service not available**
Is displayed if there is currently no DAB reception.

• **Switching on/off/standby**
Press [volume -/+] / [⏻] to turn the radio on or off (standby).
To completely switch off the device, disconnect it from the power supply.

5.4 Initial setup

A station search in DAB operating mode is automatically started when you switch the radio on for the first time. English is the default language for the radio's menu navigation. You can set your required language as described in 13.3 Language.

6. Main menu/modes

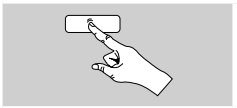
The main menu contains the various operating modes as well as other options that are explained separately in the following chapters.
7. DAB
8. FM
9. Auxiliary Input
10. Bluetooth

Choose between the available operating modes by repeatedly pressing [mode].

7. DAB

The radio receives all the conventional digital radio frequencies in a range from 174 MHz to 240 MHz (band III, channels 5A to 13F).

- Enable DAB operating mode on the radio by repeatedly pressing [mode]:

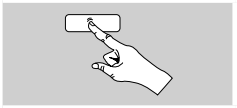
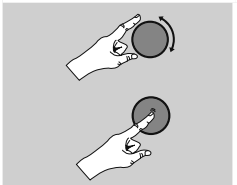
	[**mode**]

- Alternatively, press [DAB] on the remote control to switch directly to this operating mode.

7.1 Suchlauf/ Automatischer Suchlauf

The automatic DAB channel search scans DAB band III for available stations. After the station search, all interference-free stations are saved in alphabetical order.
In the station 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 Search... and a status bar on the display.

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

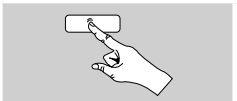
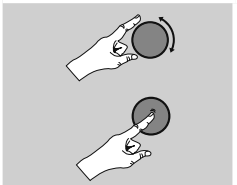
	[**menu**]
	Scan

7.2 Station list

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

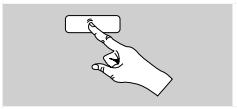
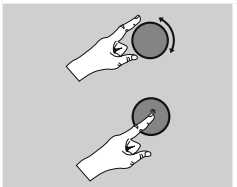
a) If a station is already playing, simply turn [enter/ navigate]. The radio will then display the station list.

b)

	[**menu**]
	Station list

7.3 Cleaning up the station list

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

	[**menu**]
	Edit

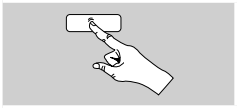
If you answer [YES], then all currently unavailable stations will be removed from the station list.

7.4 Favourites

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

7.4.1 Saving favourites

- Set the station that you would like to save as a favourite station preset.
- When the station is displayed, press and hold [memory] on the front of the radio.



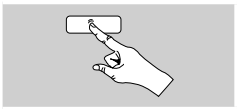
[**memory**]

After approx. 2 seconds, an overview window with the favourites slots opens.

- Turn [enter/navigate] to switch between the slots (1 to 30).
- Press [enter/navigate] to store the station in the desired favourites slot.

7.4.2 Opening favourites

Press [memory] to open the overview window with the list of favourite stations.



[**memory**]

Use [enter/navigate] to select one of your favourites.

Note

Favourites cannot be deleted.
If all 10 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.

7.4.3 Managing favourites with the remote control

Favourites 1-10

- The included remote control has number keys
- from 1 to 0 (0 ≙ 10). Each of these number keys can be assigned with a favourite (for each reception mode).
- To save a station, press and hold the corresponding number key on the remote control (approx. three seconds).
- The radio confirms that the favourite has been saved with the message „Preset stored" on the display.
- To call the favourite again, briefly press the corresponding number key on the remote control.

Favourites 1–30 (alternative to number buttons)

- To store a station on favourites slots 1 to 30, press and hold [FAVORITES] (approx. three seconds). After two seconds, an overview window with the favourites slots opens.
- Use the favourites buttons [+] / [-] (turn [enter/navigate]) to switch between the slots (1 to 30).
- Press [OK] ([enter/navigate]) to store the station in the desired favourites slot.
- To then open the favourites, briefly press [FAVORITES], use the favourites buttons [+] / [-] (turn [enter/navigate]) to select the desired favourite and confirm your selection by pressing [OK] ([enter/navigate]).

7.5 DRC (Dynamic Range Control)

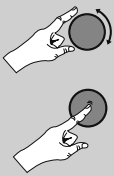
Some DAB network radio stations support a volume control feature that actively takes effect during playback. If the volume suddenly increases, DRC automatically lowers it. If the volume suddenly becomes quieter, DRC automatically raises it. The same happens when playback is suddenly quiet. The radio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

DRC high: total equalisation of different volumes. Strong compression can audibly reduce the dynamics of a piece of music.

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

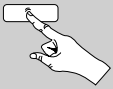
DRC off: no equalisation.

To change the setting, proceed as follows:

	[**menu**]
	DRC

8. FM

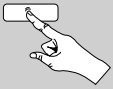
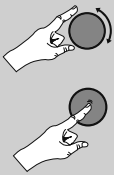
Enable FM operating mode on the radio by repeatedly pressing [mode]:

	[**mode**]

Alternatively, press [FM] on the remote control to switch to this operating mode directly.

8.1 Search setting

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

	[**menu**]
	Scan setting

- To have the search stop only at stations with a strong signal, select Only strong stations. Otherwise, the search run will stop at every station for which a signal is received.

8.2 Automatic station search

- Press and hold [enter/navigate] until the automatic station search starts.
- The radio stops the search and starts playback when it finds a station.
- Press [enter/navigate] 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.

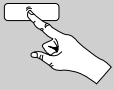
- Turn [enter/navigate] (left: - 0.05 MHz/ right: + 0.05) until you see the desired frequency. Wait a moment until playback of the received station signal begins.

8.4 Favourites

You can save up to 10 of your favourite stations for quick and direct access.

8.4.1 Saving favourites

- Set the station that you would like to save as a favourite station preset.
- When the station is displayed, press and hold [memory] on the front of the radio.

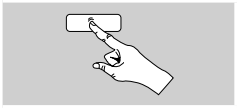
	[**memory**]

After approx. 2 seconds, an overview window with the favourites slots opens.

- Turn [enter/navigate] to switch between the slots (1 to 10).
- Press [enter/navigate] to store the station in the desired favourites slot.

8.4.2 Opening favourites

Press [memory] to open the overview window with the list of favourite stations.



[**memory**]

Use [enter/navigate] to select one of your favourites.

Note

Favourites cannot be deleted.
If all 10 station memory slots are filled and you wish to save a new station, choose one of the occupied slots. The station in this slot will be overwritten with the new station.

8.4.3 Managing favourites with the remote control

Favourites 1-10

The included remote control has number keys from 1 to 0 (0 ⍰ 10). Each of these number keys can be assigned with a favourite (for each reception mode).

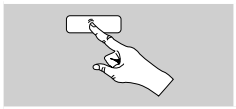
- To save a station, press and hold the corresponding number key on the remote control (approx. three seconds).
- The radio confirms that the favourite has been saved with the message Saved on the display.
- To call the favourite again, briefly press the corresponding number key on the remote control.

Favourites 1–30 (alternative to number buttons)

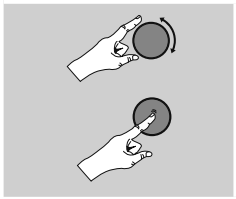
- To store a station on favourites slots 1 to 30, press and hold [FAVORITES] (approx. three seconds). After two seconds, an overview window with the favourites slots opens.
- Use the favourites buttons [+] / [-] (turn [enter/navigate]) to switch between the slots (1 to 30).
- Press [OK] ([enter/navigate]) to store the station in the desired favourites slot.
- To then open the favourites, briefly press [FAVORITES], use the favourites buttons [+] / [-] (turn [enter/navigate]) to select the desired favourite and confirm your selection by pressing [OK] ([enter/navigate]).

8.5 Audio settings

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



[**menu**]

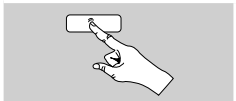


Audio setting

9. Auxiliary Input

You can use the analogue audio input (AUX IN socket) to connect mobile devices (for example, smartphone, tablet PC, MP3 player, etc.) to the radio and play your audio files using the radio.

- Enable AUX operating mode on the radio by repeatedly pressing [mode]:



[**mode**]

Alternatively, press [AUX] on the remote control to switch to this operating mode directly.

- Connect your mobile device to the audio input (AUX IN socket) of the radio using a 3.5 mm audio cable (jack cable).
- Start and control audio playback using the controls on the connected terminal device.

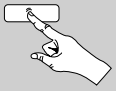
10. Bluetooth

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, 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 specifications, operating instructions of the terminal device in use)

Enable Bluetooth operating mode on the radio by repeatedly pressing [mode]:



[**mode**]

10.1 Bluetooth pairing

- Make sure that your Bluetooth-capable terminal device is on and Bluetooth is activated.
- Open the Bluetooth settings on your terminal device and wait until DR1610BTS appears in the list of Bluetooth devices found.
- If necessary, start searching for Bluetooth devices on your terminal device.
- Select DR1610BTS and wait until the radio is shown as connected in the Bluetooth settings on your terminal device.
- Your terminal device is also shown as connected on the radio display.
- Start and control audio playback using the controls of the terminal device.

Note – Bluetooth Password

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

- If your terminal device requests a password for connection to the radio, enter 0000.

10.2 Automatic Bluetooth connection (after successful pairing)

- Terminal 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.
- Make sure that your Bluetooth-capable terminal device is on and Bluetooth is activated.
- The devices will be automatically connected.
- If necessary, open the Bluetooth settings on your terminal device and select DR1610BTS.
- Start and control audio playback using the controls of the terminal device.

Note – impaired connection

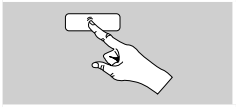
After the radio and terminal device have been paired, a connection is established automatically. If the Bluetooth connection is not established automatically, check the following:

- Check the Bluetooth settings on your terminal device to see whether DR1610BTS is connected. If not, repeat the steps listed under Bluetooth pairing.
- Check whether your terminal device and the radio are less than 10 metres apart. If not, move the devices closer together.
- Check whether obstacles are impairing the range. If so, move the devices closer together.

11. Snooze

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

- Repeatedly press [SNOOZE] on the remote control to set the desired time interval (off/15/30/45/60/90/120 minutes).



[**SNOOZE**]

- Once the pre-set interval has elapsed, the radio switches to standby mode.
- Press [volume -/+] / [⏻] to turn the radio back on.
- If a time interval is already activated, you can change or disable it (off) at any time by pressing [SNOOZE] again.

Note

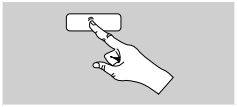
The backlight for when the timer function is activated (snooze) can be set separately; for example, it can be darker than in normal mode (see 13.7 Backlight).

12. Alarm clock

The radio allows you to set two different alarm times.

12.1 Settings

The configuration of alarm 1 and alarm 2 is identical. They allow two alarm times to be saved independently. Select alarm 1 or 2 by repeatedly pressing [alarm] and pressing [enter/navigate] to confirm, and then configure the following settings using [enter/navigate].



[**alarm**]

Alarm clock:
- Select On to configure the alarm settings. The alarm clock is activated automatically when you finish configuring the settings.
- Select Off to deactivate the selected alarm and its settings.

Time On:
Select the hours for the alarm time first, and then the minutes.

Duration:
Select a time interval (15/30/45/60/90 minutes). The alarm remains active for the selected time interval.

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

Programme:
If you selected DAB/FM, choose which station you wish to be woken with. You can choose any of the 10 favourite station slots or the Last listened.

Mode:
Choose when the alarm is to activate:
→ Daily – Once – On weekends – On weekdays

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

Volume:
Select the volume with which you would like to be woken. This setting makes it irrelevant how loud you last listened to the radio.

Note

- We recommend allowing automatic time updates. This ensures that the time is always updated, even after the power supply is disconnected – for example, if the power fails.

12.2 Activating/deactivating the alarm

- Select alarm 1 or 2 by repeatedly pressing [alarm] or by turning [enter/navigate] and the option Alarm on/Alarm off to activate or deactivate the selected alarm (1/2).
- The alarm icon ⏰1/⏰2 is displayed when the alarm function is activated.

12.3 Activating/deactivating the alarm in standby mode

- Press [alarm] in standby mode to display the current alarm setting.
- Press [alarm] again or turn [enter/navigate] to activate/ deactivate alarm 1 and/or alarm 2.
- Press [enter/navigate] to confirm your settings.

12.4 Stopping the alarm/snooze

- When the alarm sounds, press [volume -/+] /
- [⏻] to stop the alarm.
- Repeatedly press [SNOOZE] on the remote control to activate the snooze function.
- The alarm turns off for the selected time interval (5/10 minutes) before activating once again.
- If the alarm is not stopped, the radio automatically switches to standby mode after the preset time interval (duration).

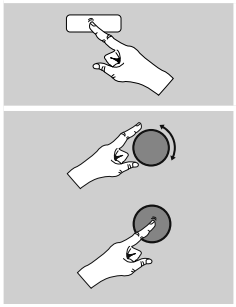
13. System settings

In the system settings, you can configure all settings and access important information about the radio.

13.1 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.

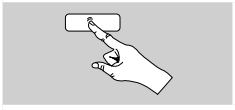
- To change the equaliser settings, proceed as follows:



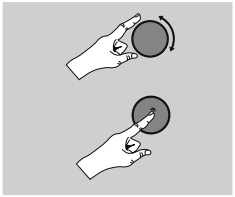
- Use [enter/navigate] to choose one of the preconfigured profiles.
- To create your own equaliser profile, choose the option My EQ... .
- This opens the Bass and levels settings.
- To change a value, press [enter/navigate] on your selected setting and change the values by turning [enter/ navigate] to the left or right. If playback is already started when you modify these settings, you can hear the changes in the audio immediately.
- Confirm your settings by pressing [enter/navigate] again.
- After configuring all the settings, press [menu] on the radio and confirm the settings.

13.2 Time settings

To access the time settings, proceed as follows:



[**menu**]



System
↓
Time

Automatic updates
Update all/of DAB/of FM
If the automatic time and date update 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 runs accurately and the alarm triggers at the correct time, even after power outages.

No update
The time and date (DD-MM-YYYY/MM-DD-YYYY) must be set manually because they are not synchronised automatically.

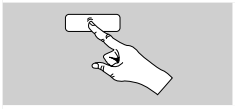
Setting the time/date
Set the date (DD-MM-YYYY/MM-DD-YYYY) and time (hh:mm) manually using [enter/navigate].

Set 12/24-hour
Choose between 12-hour and 24-hour time formats.

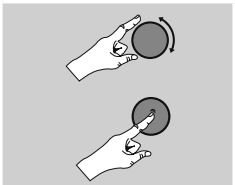
Set date format
Choose between the date formats DD-MM-YYYY and MM-DD-YYYY.

13.3 Language

To change the menu language set before or while starting the radio up for the first time, proceed as follows:



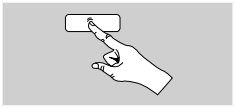
[**menu**]



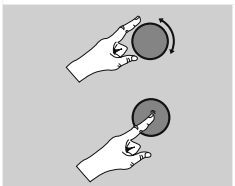
System
↓
Language
↓
Wished Language
z.B. English

13.4 Factory settings

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



[**menu**]



System
↓
Factory reset

• Confirm the next prompt with YES to reset the radio to the factory default settings. All settings you made are deleted.

Note

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

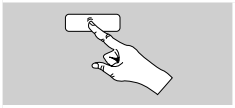
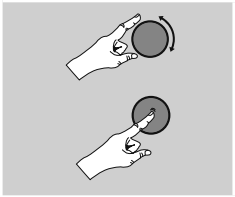
13.5 Software updates

We are constantly developing new software features and improvements for our radios to fix problems, add functionality, etc.
We recommend that you keep your radio's software up to date.

You can find information on performing an update separately on the enclosed sheet and/or you can download it as a PDF at www.hama.com.

13.6 Info

- To access the radio software information, proceed as follows:

	[**menu**]
	System ↓ SW version

13.7 Backlight

Activate brightness sensor

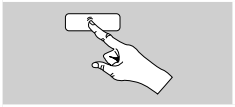
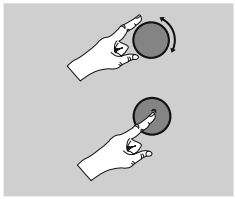
- Move the sliding switch (18) to the ON position.
- The brightness of the display is now automatically adjusted according tothe ambient brightness.

Deactivate brightness sensor

- Move the sliding switch (18) to the OFF position.

The backlight can be configured separately for each operating mode (playback mode, standby mode and snooze mode).

- Proceed as follows:

	[**menu**]
	System ↓ Backlight

- Select the different brightness levels for the operating modes Power on and Slumber mode.
- For Standby mode, you can also choose a brightness level for the backlight when the radio is in standby.
- Choose a time interval under Timeout. When the radio is in standby, press any button (apart from [volume -/+] / [⏻]) to illuminate the display at the brightness level set for that operating mode for the selected interval of time.
- If you press [alarm], the display lights up, and you can also – as described in 11.3 Activating/deactivating the alarm in Standby mode – display and set the current snooze setting.
- Alternatively, press [☀] on the remote control to directly adjust the backlight setting for the current operating mode.

13.8 AUX: Auto standby

In Aux in (Auxiliary input) operating mode, the radio switches to standby mode after 15 minutes by default.

14. Wall mounting

Note

- Ensure that the mount you have chosen can carry a load of at least 2.0 kg.
- Follow the directions and safety notes in the mounting bracket documentation.

- With the correct mounting bracket (such as Hama item no. 00118031), you can mount the radio to the wall.
- When doing so, use the mounting holes (20) on the rear of the radio.

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 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.

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. 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

18. Recycling Information
Note on environmental protection:



After the implementation of the European Directive 2002/96/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 defi ned 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 matierals or orther forms of utilizing old devices/ batteries, you are making an important contribution to protecting our environment.

19. Declaration of Conformity

CE Hereby, Hama GmbH & Co KG declares that the radio equipment type [00054820] 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 -> 00054820 -> Downloads

Frequency band(s)	Bluetooth: 2.402 – 2.480GHz
Maximum radio-frequency power transmitted	Bluetooth: 4dBm (EIRP)

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www.hama.com

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