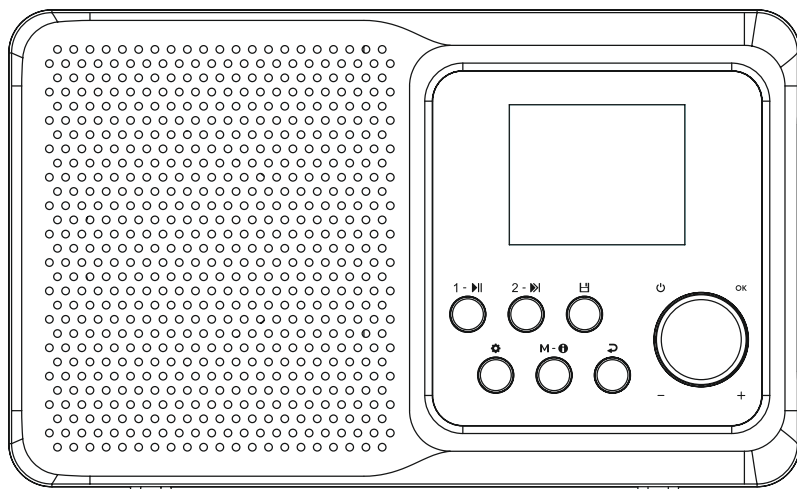


00054255
(DR5BT)

hama

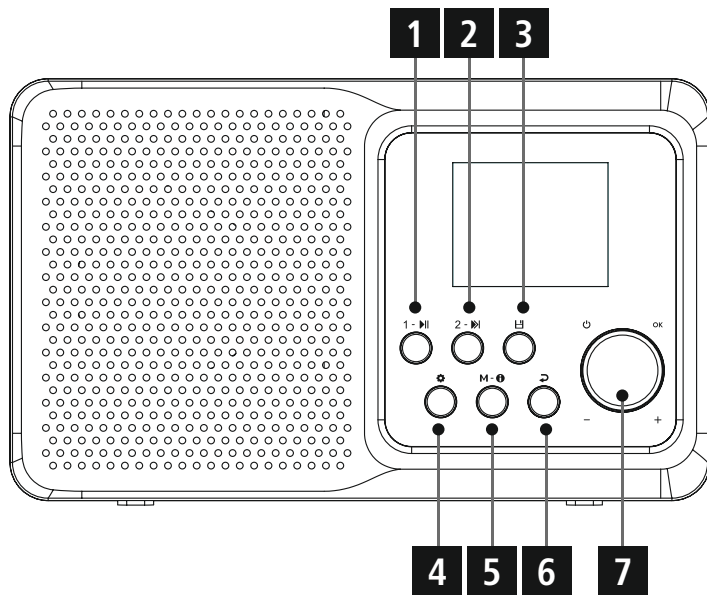
Digital Radio

Digital-Radio

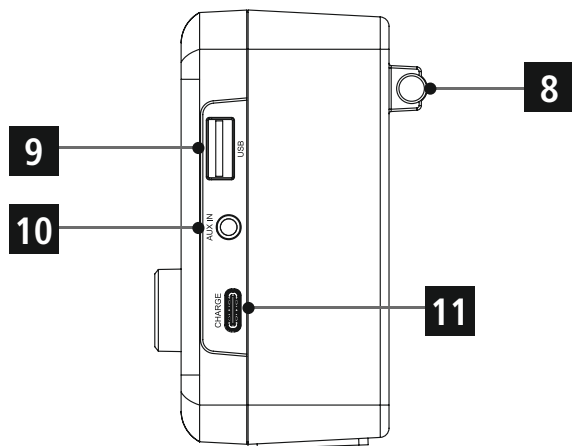


Operating Instructions / Bedienungsanleitung / Mode d'emploi / Instrucciones de uso /
Руководство по эксплуатации / Istruzioni per l'uso / Gebruiksaanwijzing / Οδηγίες χρήσης / Instrukcja obsługi /
Használati útmutató / Návod k použití / Návod na použitie / Manual de instruções / Kullanma kılavuzu /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

A



B





Technical data / Technische Daten

Radio Receiver/ Radio Empfänger	DAB ✓	DAB+ ✓	FM ✓	Internet -	Spotify -
Display / Bildschirm	1.77" (4.49cm) LCD				
Speaker/ Lautsprecher	Mono speaker (2.0") 4Ω/5W				
Charging voltage/ Ladespannung	DC 5.0V / 1.5A				
Frequency range/ Frequenzbereich	DAB/DAB+: 174.928-239.2 ~ MHz		FM: 87.5 ~ 108 MHz		
Sensitivity/ Empfindlichkeit	DAB/DAB+: -97 ~ -99 dBm		FM: -105 ~ -109 dBm		
Power consumption/ Stromaufnahme	Operation	max. 7.5 W			
Input / Anschlüsse	AUX-in 3.5 mm				
Presets/ Favoriten	DAB/DAB+: 30	FM: 30			
Codec / Formate	DAB: AAC				
UI Languages/ UI Sprachen	English, German, French, Dutch, Norwegian, Polish, Spanish, Swedish, Finnish, Portuguese, Slovak, Czech				
Package Content/ Verpackungsinhalt	Digital radio DR5BT, USB-C charging cable, quick start manual				
Dimensions (WxHxD)/ Größe (BxHxT)	156 x 95.2 x 60 mm				
Weight/ Gewicht	350g				

Connectivity / Konnektivität

Bluetooth	receiver (RX): 5.0, A2DP, AVRCP
USB (FAT32 file system)	Playback: MP3, WAV, WMA



Controls and displays

A: Radio control panel		
1	1 - ▶	[PRESET 1] button (Play/Pause)
2	2 - ▶	[PRESET2] button (forwards)
3	⏏	[PRESET] button
4	⚙️	[SETTINGS] button
5	M - ⓘ	[MODE/INFO] button
6	↶	[BACK] button
7	⏻	[POWER] button
	- +	[VOLUME/NAVIGATIVE] button
	OK	[OK/ENTER] button

B: Radio side view		
8		Antenna
9		USB connection
10		Aux-in (3.5 mm)
11		USB-C socket

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Menu structure

DAB

Station List	
Preset Recall	
Preset Store	
Scan	
Manual Tune	
Prune Invalid	
Backlight	No
	Yes
Timeout	Always on
	10 Sec. – 180 Sec.
Level	Low
	Medium
	High
Time/Date	Set Time/Date
	Set Hour System
	24 hour system
	12 hour system
	Set Date Format
	dd - mm - yyyy
	mm - dd - yyyy
	yyyy - mm - dd
Clock Style	Analog
	Digital
Auto Update	No Update
	Update from Radio
Sleep	Off
	15 Minutes
	30 Minutes
	45 Minutes
	60 Minutes
	1 Hour 15 Minutes
	1 Hour 30 Minutes
	1 Hour 45 Minutes
	2 Hours
	EQ
Classic	
Pop	
Jazz	
Rock	
Flat	
Movie	
News	



Language

- English
- Français
- Deutsch
- Norsk
- Polski
- Español
- Svenska
- Suomi
- Português
- Nederlands
- Slovenščina
- Čeština

Factory Reset

- No
- Yes

System Version



FM

Presets	<ul style="list-style-type: none"> Presets Recall Presets Store Scan Setting
Backlight	<ul style="list-style-type: none"> All Stations Strong Stations
Backlight	<ul style="list-style-type: none"> Timeout <ul style="list-style-type: none"> Always on 10 Sec. – 180 Sec. Level <ul style="list-style-type: none"> Low Medium High
Time/Date	<ul style="list-style-type: none"> Set Time/Date Set Hour System <ul style="list-style-type: none"> 24 hour system 12 hour system Set Date Format <ul style="list-style-type: none"> dd - mm - yyyy mm - dd - yyyy yyyy - mm - dd Clock Style <ul style="list-style-type: none"> Analog Digital Auto Update <ul style="list-style-type: none"> No Update Update from Radio
Sleep	<ul style="list-style-type: none"> Off 15 Minutes 30 Minutes 45 Minutes 60 Minutes 1 Hour 15 Minutes 1 Hour 30 Minutes 1 Hour 45 Minutes 2 Hours
EQ	<ul style="list-style-type: none"> Normal Classic Pop Jazz Rock Flg Movie News
Language	<ul style="list-style-type: none"> English Français Deutsch Norsk Polski Español Svenska Suomi Português Nederlands Slovenščina Čeština
Factory Reset	<ul style="list-style-type: none"> No Yes
System Version	



Thank you for choosing a Hama product. Take your time and read the following instructions and information completely. Please keep these instructions in a safe place for future reference. If you sell the device, please pass these operating instructions on to the new owner.

1. Explanation of warning symbols and notes

Warning



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

Note



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

Risk of electric shock



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

2. Package contents

- Hama "DR5BT"
- USB-C charging cable
- Quick-reference 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 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 battery is integrated and cannot be removed.
- Do not open the device or continue to operate it if it becomes damaged.
- Do not incinerate the battery or the product.

- Do not tamper with or damage/heat/disassemble the batteries/rechargeable batteries.

Risk of electric shock



- Do not open the device or continue to operate it if it becomes damaged.
- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.

4. Charging the battery

Warning - rechargeable battery

- Only use suitable charging devices or USB ports to charge the product.
- Do not use defective chargers or USB ports and do not attempt to repair them.
- Do not overcharge the product or allow the battery to completely discharge.
- Avoid storing, charging and using in extreme temperatures and at extremely low atmospheric pressures (such as at high altitudes).
- When stored over a long period of time, batteries should be charged regularly (at least every three months).
- The product contains a rechargeable battery.
- Fully charge the product once before using it for the first time.
- Connect the supplied USB-C charging cable to the USB-C connection (11) on the product.
- Connect the free plug on the USB-C charging cable to a suitable USB charger. To do this, consult the operating instructions for the USB charger you are using.
- The actual battery life will vary depending on how you use the device, the settings and the environmental conditions (batteries have a limited life).



Note – charging procedure



- A complete charging cycle takes about 8 hours.
- The product's battery can be charged both when it is switched on and off.

5. Setup

Note - optimising reception



- At the initial start-up, the system interface will ask about the preferred language. Select your preferred language.
- A station search in DAB operating mode is automatically started when you switch the radio on for the first time.
- Please note:
Always pull the antenna out completely.
We recommend you adjust the antenna vertically to ensure optimal reception.

5.1 Mains operation

Warning - mains operation



- 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 you will not be using the product for a prolonged period, disconnect it from mains power.
- Connect a suitable USB power pack to the right side of the radio using a USB-C cable (11).
- Connect the power pack to a properly installed and easily accessible mains socket.
- Wait until the radio has initialised fully.
- Press **[NAVIGATION/OK/VOLUME]** (7) to switch on the radio.

5.2 General notes on use

Notes on use



- If a choice from various buttons is to be made (such as **Yes** or **No**), the button currently selected is indicated with **Colour**.
- In menus offering a variety of different options (such as **EQ**, **Language** and so on), the currently selected option is marked with ✓.

Navigation and controls

[VOLUME/SELECT/NAVIGATE] (7) has a dual function:

- Turning **[VOLUME/SELECT/NAVIGATE]** (7) in the menu allows you to select individual menu items.
- Pressing **[VOLUME/SELECT/NAVIGATE]** (7) confirms your selection.

Press **[BACK]** (6) to return to the previous menu level.

Volume adjustment

Turning **[VOLUME/SELECT/NAVIGATE]** (7) increases / reduces the volume.

Additional information

Press **[INFO]**(5) to display additional information. The information shown depends on the operating mode as well as the radio station, music file, etc.

• 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

• Error rate

• Service not available

Is displayed if there is currently no DAB reception.



5.3 Switching on/off

Switch On / Off / Standby (mains operation)

- Press **[ON]** (7) to switch the radio on.
- Press **[ON]** (7) for approx. 1 second to switch the radio off. (Standby)

Switch On / Off / Standby (battery operation)

- Press **[ON]** (7) for approx. 3 seconds to switch the radio on.
- Press **[ON]** (7) to switch the radio off.

Note



- If the radio is switched off completely when in battery power mode, timers that have been set will no longer be taken into account.

5.4 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 **5.5.**

Language.

5.5 Language

To change the menu language from that selected at first-time startup, proceed as follows:

- Press **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "Language" menu item.
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).
- Select your preferred system language by turning **[VOLUME/SELECT/NAVIGATE]** (7).
- Confirm this by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

6. DAB

The radio receives all established digital radio frequencies in the range of 174 MHz to 240 MHz (band III, channel 5A to 13F).

- Press **[MODE]** (5) repeatedly to activate DAB operating mode on the radio.

6.1 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... and a status bar on the display. If you would like to start the search again, proceed as

follows:

- Press **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "Search" menu item.
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

6.2 Station list

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

a)

- Press **[BACK]** (6) and then navigate through the station list by turning **[VOLUME/SELECT/NAVIGATE]** (7).
- Select your preferred station and confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

b)

- Press **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "Station list" menu item.
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).
- Select your desired station by turning **[VOLUME/SELECT/NAVIGATE]** (7).
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

6.3 Edit station list

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

- Press **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "Empty" menu item.
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

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

6.4 Favourites

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

6.4.1 Save favourites

- Set the station that you would like to save to a presets memory slot.
- If the station is playing, press and hold **[ON]** for 3 seconds [].
- Switch between the station presets by turning **[VOLUME/SELECT/NAVIGATE]** (7).
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7) to save the station to the desired favourite station preset.



6.4.2 Retrieving favourites

Press **[F]** to open the overview window with the list of saved stations.

- Navigate to the desired station preset by turning **[VOLUME/SELECT/NAVIGATE]** (7).
- Select one of the favourites by turning and pressing **[VOLUME/SELECT/NAVIGATE]** (7).

Note



- Presets cannot be deleted.
- If all 30 station memory slots are filled and you wish to save a new station, choose one of the occupied slots. The station in this slot will be overwritten with the new station.

7. FM

After pressing **[MODE]**(5) repeatedly, activate FM operating mode on the radio:

7.1 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 **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "Search setting" menu item.
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).
- Select your desired setting by turning and pressing **[VOLUME/SELECT/NAVIGATE]** (7).

- 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.

7.2 Automatic station search

- Press **[VOLUME/SELECT/NAVIGATE]** (7) to start the automatic station search.
- The radio stops the search and starts playback when it finds a station.
- Pressing **[VOLUME/SELECT/NAVIGATE]** (7) again stops the search. And the frequency currently shown on the display is played.

7.3 Favourites

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

7.3.1 Save favourites

- Set the station that you would like to save to a presets memory slot.
- If the station is playing, press and hold **[F]** on front of the radio for 3 seconds.
- Switch between the station presets by turning **[VOLUME/SELECT/NAVIGATE]** (7).
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7) to save the station to the desired favourite station preset.

7.3.2 Retrieving favourites

Press **[F]** to open the overview window with the list of saved stations.

- Navigate to the desired station preset by turning **[VOLUME/SELECT/NAVIGATE]** (7).
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

Note



- Presets cannot be deleted.
- If all 30 station memory slots are filled and you wish to save a new station, choose one of the occupied slots. The station in this slot will be overwritten with the new station.

8. AUX IN

AUX IN mode allows a cabled connection to be established between another audio source and this device. The volume can be controlled via this radio.

All other operations are carried out via the connected audio source.



9. Bluetooth

When Bluetooth mode is enabled for the first time, the radio is immediately in "Pairing mode" and visible to other devices. You can therefore pair the radio with your smartphone, for example, and begin transmitting from the relevant source device. If the radio has already been paired to a smartphone, the next time Bluetooth mode is enabled, the connection is automatically established.

10. More settings

10.1 Sleep

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

Proceed as follows:

- Press **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "Sleep" menu item.
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).
- Select your desired setting by turning and pressing **[VOLUME/SELECT/NAVIGATE]** (7).

10.2 Time/date system settings

The time and date can be set either manually or obtained from various sources (DAB/FM). The time and date format can also be set.

10.3 Audio equaliser

Here you can select from pre-defined equaliser settings for the device or make your own settings.

10.4 Lighting

You can adjust the display brightness in On mode (Low/Medium/High).

A timer can be set for standby. After which time (10 sec / 20 sec / 30 sec / 40 sec, etc.), the brightness should be dimmed slightly as soon as the device is in standby mode. Alternatively, the brightness in Standby mode can be set so that the display is equally bright in On mode and in Standby mode.

- Press **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "Lighting" menu item. Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).
- Now select the desired setting and confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

10.5 Factory reset

- Press **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "Factory settings" menu item.

- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

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

All settings made previously are deleted.

Note

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

10.6 Info / software version

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

- Press **[SETTINGS]** (4) to access the Settings menu.
- Turn **[VOLUME/SELECT/NAVIGATE]** (7) to navigate to the "System version" menu item.
- Confirm your selection by pressing **[VOLUME/SELECT/NAVIGATE]** (7).

11. Care and maintenance

Note

Disconnect the device from the mains before cleaning and during prolonged periods of non-use.

- Only clean this product using a lint-free, slightly damp cloth and do not use any harsh cleaners.
- 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.

12. 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.



13. Disposal instructions

Note on environmental protection:



Following the implementation of European Directives 2012/19/EU and 2006/66/EU into the national legal systems, the following applies:

Electrical and electronic devices as well as batteries must not be disposed of with household waste. Consumers are obliged by law to return electrical and electronic devices as well as batteries to the designated public collection points or to the point of sale at the end of their service life. Detailed information on this topic is defined in the national laws of the respective country. This presence of the above symbol on the product, operating instructions or package indicates that the product is subject to these regulations. By recycling, reusing the materials or other forms of utilising old devices/batteries, you are making an important contribution to protecting our environment.

14. Declaration of conformity



Hama GmbH & Co KG hereby declares that the radio equipment type [00054255] is in compliance with Directive 2014/53/EU. The full text of the EU

declaration of conformity is available at the following Internet address:

<https://uk.hama.com> ➔ 🔍 ➔ 00054255 ➔ Downloads

To limit exposure to electromagnetic fields ⓘ
This device is intended for use at a distance of at least 20 cm from the body of the user or persons nearby. This device must not be worn or carried on the body.

Frequency band(s)	Bluetooth: 2.402 - 2.480 GHz
Maximum radio-frequency power transmitted	2.09 dBm (EIRP)




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GB



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