

DENVER®
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Instruction manual

DAB+/DAB FM Radio

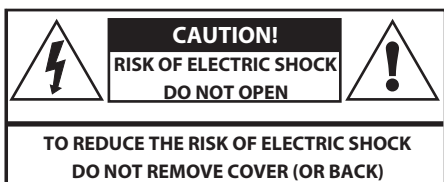
DENVER DAB-37



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ENG-1

IMPORTANT SAFETY INFORMATION



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with a dry cloth.

Do not block any ventilation openings.

Install in accordance with the manufacturer's instructions.

Do not install or operate near any heat sources such as radiators, stoves, or other apparatus that produce heat.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing

is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning: To reduce the risk of fire or electrocution, do not expose this product to rain or moisture. The product must not be exposed to dripping and splashing and no object filled with liquids such as a vase of flowers should be placed on the product.

No naked flame sources such as candles should be placed on the product.

Batteries (a battery pack or installed batteries) shall not be subject to excessive heat such as sunshine, fire or the like.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this device.

Caution: Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous exposure.



To prevent possible hearing damage, do not listen at high volumes for long periods.

IMPORTANT

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

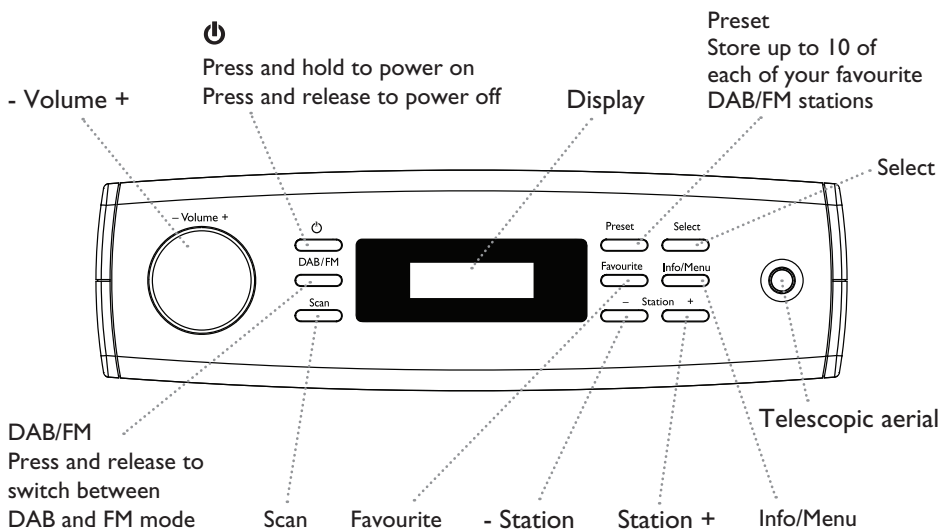
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

ELECTRICAL INFORMATION

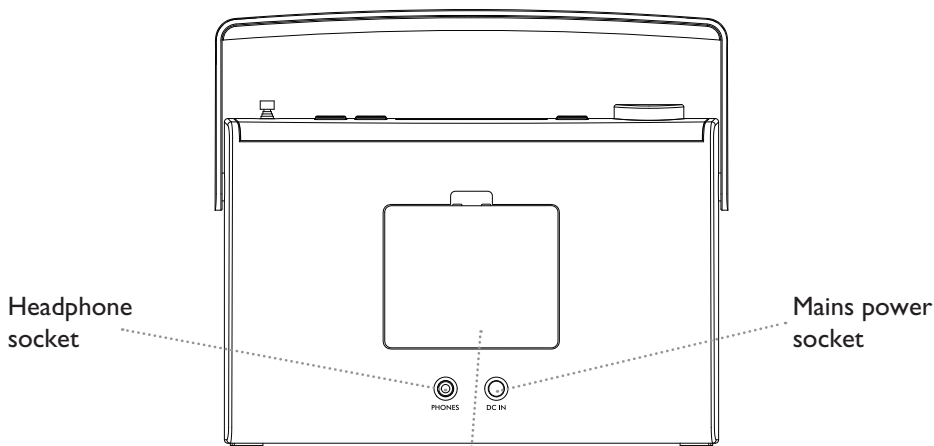
Use this appliance only with the supplied AC Adapter. Using non-approved power supplies will void the warranty.

Your DAB digital/FM radio

Top view:



Back view:



Battery compartment.
(Requires 4 x AA non-rechargeable batteries. Not included)

Time and date

The first time you listen to DAB radio, the time and date of your product will be synchronised automatically to that broadcast by the DAB service in 24 hour mode; which is in line with daylight saving, so there is no need to set the time and date manually.

DAB/FM mode

1. Press and release the 'DAB/FM' button on the top of the radio each time you wish to switch between DAB and FM radio.

Adjusting the volume

1. Use the left hand rotary control to adjust the volume. Turn clockwise to increase the volume and anti-clockwise to decrease the volume.

Switch on/off

1. Press and hold the '⏻' button on the top of the radio to switch on.
2. Press and release the '⏻' button to switch off. The radio will go into standby mode and the time and date will be displayed.

Headphone socket

1. You can connect headphones (not included) to your radio. The headphone socket can be found on the back of the radio and when you have headphones connected the radio speakers are switched off and all sound is via the headphones.

Note: Headphones will need a 3.5mm stereo plug.

5 Step guide to getting started

Switch on/off

1. Press and hold the '⏻' button on the top of the radio to switch on.
2. Press and release the '⏻' button to switch off. The radio will go into standby mode and the time and date will be displayed.

DAB

1. Press and release the 'DAB/FM' button until you are in DAB mode.
2. Press and release the 'Scan' button to scan for DAB stations.
3. Press and release the 'Station +' and '- Station' buttons on the radio to move through the station list.
4. Press and release the 'Select' button on the top of the radio when the station you would like to listen to is displayed. Alternatively, wait a few seconds and your radio will automatically tune to the displayed station.
5. Adjust the volume using the left hand rotary control.

FM

1. Press and release the 'DAB/FM' button until you are in FM mode.
2. Press and release the 'Scan' button to scan for FM stations, your radio will stop at the next available station.
3. Press and release the 'Station +' and 'Station -' buttons to fine tune each frequency, if required.
4. The RDS information for each station will be displayed, if available.
5. Adjust the volume using the left hand rotary control.

Using your DAB radio

Telescopic aerial

Please make sure that the aerial on the top of the radio is fully extended and adjusted when you scan for DAB stations and listen to DAB radio. This will ensure that the maximum signal strength is available as well as the best possible sound quality.

DAB mode

Press and release the 'DAB/FM' button on the top of your radio until 'DAB' is displayed. If you were listening to a DAB station when you switched the radio off then this station will be automatically selected when you switch the radio back on.

Changing DAB stations

1. If you are not already in DAB mode, press and release the 'DAB/FM' button on the top of your radio until 'DAB' is displayed.
2. Press and release the 'Station +' and '- Station' buttons on the radio to move through the station list.
3. Press and release the 'Select' button on the top of the radio when the station you would like to listen to is displayed. Alternatively, wait a few seconds and your radio will automatically tune to the displayed station.

Scanning for DAB stations

With DAB radio, additional stations and services regularly become available so it's a good idea to carry out a scan every now and then to make sure that you have the most up to date station listing stored within the memory of your radio.

If you have moved your radio to another location, e.g. if you go on holiday, then it's also a good idea to carry out a scan.

1. If you are not already in DAB mode, press and release the 'DAB/FM' button on the top of your radio to go to DAB mode.
2. Press and release the 'Scan' button on the top of your radio to carry out a scan. 'Scanning', will be displayed and a progress bar will show the progress of the scan and the number of stations found during the scan will also be displayed.

Note: See 'Changing DAB stations' on page 6 for how to change DAB stations after a scan.

Manuelle Sendersuche

Using the manual tune feature you can select a specific digital radio channel frequency and then manually adjust the aerial, or the location of the radio, to get the strongest possible signal for that channel in your location.

1. Press and hold the 'Info/Menu' button on the top of the radio until '<Full scan>' is displayed.
2. Use the 'Station +' and '- Station' buttons to scroll to <Manual tune>. Press and release the 'Select' button.
3. Use the 'Station +' and '- Station' buttons to scroll through the digital radio frequencies. Stop when the frequency you would like to listen to is displayed. Press and release the 'Select' button. An empty will appear on the second line of the display to indicate the minimum signal strength for acceptable listening. After a few seconds, the row of solid rectangles will indicate the actual signal strength that you are receiving. The stronger the signal, the further to the right the row of solid rectangles will be.
Note: You may need to adjust the aerial or move your radio to get the strongest possible signal.
4. Press and hold the 'Info/Menu' button and then release to step back through the menu to the station display.

Prune DAB stations

You can remove the DAB stations in the station list that cannot be received in your area. These are listed with '?' prefix.

1. Press and hold the 'Info/Menu' button on the top of the radio until '<Full scan>' is displayed.
2. Use the 'Station +' and '- Station' buttons to scroll to <Prune>. Press and release the 'Select' button.
3. 'Prune <No> Yes' is displayed. Use the 'Station +' and '- Station' buttons to scroll to 'Yes'. Press and release the 'Select' button to confirm and prune the station list. stations with a '?' prefix will now no longer be displayed.
4. Press and hold the 'Info/Menu' button to return to the station display.

Storing a DAB station preset

Your radio can store up to 9 DAB stations in its preset memories for instant access to your favourite stations.

Note: When you store DAB radio station presets, these do not overwrite your FM station presets.

1. Tune your radio to the station that you wish to preset (see changing DAB stations on page 6).
2. Press and hold the 'Preset' button on the top of your radio. 'Preset Store 1 (Empty)' is displayed if no previous station has been stored.
3. Use the 'Station +' and '- Station' buttons to move to the preset location that you would like to store the radio station to (1-9).
4. Press and release the 'Select' button. The display will confirm 'Preset X stored', where 'X' is the number of the preset (1-9).

Note: If there is already an existing DAB station stored under a preset, it will be over written when you store the new station.

Tune to a DAB preset station

In DAB mode:

1. Press and release the 'Preset' button on the top of the radio. 'Preset Recall 1' is displayed and the name or frequency of the station stored there, or 'Preset Recall X (Empty)' if no previous station has been stored.
2. Use the 'Station +' and '- Station' buttons to move to the preset location that you would like.
3. Press and release the 'Select' button. The radio will tune to that station and begin to play.

Note: If no DAB station has been stored under the preset, 'Preset Empty' will be displayed and the radio will revert to the previously selected radio station.

Storing your 'Favourite' DAB station

Your radio can store 1 DAB station under the 'Favourite' button for quick one touch access.

1. Tune your radio to the station that you wish to store (see changing DAB stations on page 6).
2. Press and hold the 'Favourite' button on the top of your radio. 'Preset 10 stored' is displayed.

Tune to your 'Favourite' DAB station

In DAB mode:

1. Press and release the 'Favourite' button on the top of your radio. The radio will tune to your stored station and begin to play.

Note: If no DAB station has been stored under the 'Favourite' button, 'Preset Empty' will be displayed and the radio will revert to the previously selected radio station.

Using your FM radio

FM mode

Press and release the 'DAB/FM' button on the top of your radio until 'FM' is displayed.

When your radio is in FM mode it can receive Radio Data System or 'RDS' information if this is being transmitted by the broadcaster. RDS information will often include the station name, detail about the programme and the current time.

If you were listening to an FM station when you switched the radio off then this station will be automatically selected when you switch the radio back on.

Telescopic aerial

Please make sure that the aerial on the top of the radio is fully extended and adjusted before you attempt to tune to an FM station. This will ensure that the maximum signal strength is available when the radio begins to scan. Extending the aerial also ensures the best possible sound quality.

Tuning to an FM station

1. Press and release the 'Scan' button on the top of your radio to scan up the frequency band. Press and hold the 'Scan' button to scan down the frequency band. Your radio will search for the next available station and then stop on that station.
2. Use the 'Station +' and '-Station' buttons to fine tune each frequency. The RDS information for each station will be displayed, if available.

Note: If reception is still poor adjust the position of the aerial or try moving the radio to another location.

Storing an FM station preset

Your radio can store up to 9 FM stations in its preset memories for instant access to your favourite stations.

Note: When you store FM radio station presets, these do not overwrite your DAB station presets.

1. Tune your radio to the station that you wish to preset (see Tuning to an FM station on this page).

2. Press and hold the 'Preset' button on the top of your radio. 'Preset Store 1 (Empty)' is displayed if no previous station has been stored.
3. Use the 'Station +' and '- Station' buttons to move to the preset location that you would like to store the radio station to (1-9).
4. Press and release the 'Select' button. The display will confirm 'Preset X stored', where 'X' is the number of the preset (1-9).

Note: If there is already an existing FM station stored under a preset, it will be over written when you store the new station.

Tune to an FM preset station

In FM mode:

1. Press and release the 'Preset' button on the top of the radio. 'Preset Recall 1' is displayed and the name or frequency of the station stored there, or 'Preset Recall X (Empty)' if no previous station has been stored.
2. Use the 'Station +' and '- Station' buttons to move to the preset location that you would like.
3. Press the 'Select' button. The radio will tune to that station and begin to play.

Note: If no FM station has been stored under the preset, 'Preset Empty' will be displayed and the radio will revert to the previously selected radio station.

Storing your 'Favourite' FM station

Your radio can store 1 FM station under the 'Favourite' button for quick one touch access.

1. Tune your radio to the station that you wish to store (see Tuning to an FM station on page 9).
2. Press and hold the 'Favourite' button on the top of your radio. 'Preset 10 stored' is displayed.

Tune to your 'Favourite' FM station

In FM mode:

1. Press and release the 'Favourite' button on the top of your radio. The radio will tune to your stored station and begin to play.

Note: If no FM station has been stored under the 'Favourite' button, 'Preset Empty' will be displayed and the radio will revert to the previously selected radio station.

FM display information

When listening to an FM station you can change the information that will appear on the second line of the display by pressing the 'Info/Menu' button multiple times to select your preferred display information. There are several different types of information that are sent by the broadcaster.

Radiotext (RT)

This is scrolling text information supplied by the broadcaster. Information could be the name of an artist or music title, DJ's name, contact details for the radio station etc.

Program Type (PTY)

Such as 'Rock', 'Pop', 'Talk' or 'News'

Station name

Such as BBC R4

Audio mode

The radio will automatically switch between Stereo and Mono, depending on the quality of the signal being received but you can override this function and manually switch between 'Stereo' and 'Mono'.

1. When 'Stereo' or 'Mono' is displayed, press and release the 'Select' button and toggle between each mode.

Time and date

Supplied by the broadcaster.

1. Repeatedly press and release the 'Info/Menu' button on the top of the radio to cycle through the different information options.

System settings

Your radio must be switched on (not in Standby mode) when you change the system settings.

Sleep timer

You can set your radio to turn off automatically using the sleep timer.

You can choose from 15, 30, 45, 60 and 90 minutes or Off.

1. Press and hold the 'Info/Menu' button on the top of the radio.
2. Use 'Station +' and '- Station' buttons to scroll to <System>. Press and release the 'Select' button.
3. '<Sleep>' is displayed. Press and release the 'Select' button again.
4. Use the 'Station +' or '- Station' buttons to display the sleep time you would like. Press and releases 'Select' to confirm.
An 'S' will appear in the top left of the display, together with the number of minutes until your radio will automatically switch off.

Note: To cancel the sleep time, follow the steps above and in step 4., use the 'Station +' or '- Station' buttons to display 'Sleep off'. Press and release 'Select' to confirm.

Manually set the date and time

1. Press and hold the 'Info/Menu' button on the top of your radio.
2. Use the 'Station +' and '- Station' buttons to scroll to <System>. Press and release the 'Select' button.
3. Use the 'Station +' and '- Station' buttons to scroll to <Time>. Press and release the 'Select' button.
4. <Set Time/Date> is displayed. Press and release the 'Select' button again.
5. 'Set Time' is displayed and the hour digits will flash. Use the 'Station +' and '- Station' buttons to display the correct hour in 24 hour clock. Press and release the 'Select' button.
6. The minutes will flash. Use the 'Station +' and '- Station' buttons to display the correct minutes. Press and release the 'Select' button.
7. 'Set date' is displayed and the 'Day' will flash Use the 'Station +' and '- Station' buttons to display the day. Press and release the 'Select' button.

8. The 'Month' will flash. Use the 'Station +' and '- Station' buttons to display the month. Press and release the 'Select' button.
9. The 'Year' will flash. Use the 'Station +' and '- Station' buttons to display the year. Press and release the 'Select' button. 'Time Saved' is displayed and then returns to <Set Time/Date>.
10. You can now use the 'Station +' and '- Station' buttons to scroll through the other options available. Press the 'Select' button to select and confirm as required.

You can change the settings for:

- 12/24 hour clock display
- date format, DD-MM-YYYY or MM-DD-YYYY
- to auto update the time from the DAB signal, FM signal, DAB or FM signal or no update.

11. Press and hold the 'Info/Menu' button to return to the station display.

Display backlight

You can adjust the brightness of the display backlight for both the 'Standby' and 'Normal' modes of your radio.

1. Press and hold the 'Info/Menu' button on the top of your radio.
2. Use the 'Station +' and '- Station' buttons to scroll to <System>. Press and release the 'Select' button.
3. You can now use the 'Station +' or '- Station' buttons, together with the 'Select' button to choose to change the backlight brightness setting for the 'Standby' or 'Normal' modes of your radio.

Note: An '*' will be displayed next to the current setting.

4. When you have scrolled through the available options, please press and release 'Select' to confirm.

Display language

You can change the display language of your radio, there are 5 options available; English, French, German, Norwegian and Dutch.

1. Press and hold the 'Info/Menu' button on the top of your radio.
2. Use the 'Station +' and '- Station' buttons to scroll to <System>. Press and release the 'Select' button.
3. Use the 'Station +' and '- Station' buttons to scroll to '<Language>'. Press and release the 'Select' button.

4. Use the 'Station +' and '- Station' buttons to scroll to the display language you would like. Press and release the 'Select' button.

Note: As soon as you select a different display language, all of the display information will be in this new language.

5. Press and hold the 'Info/Menu' button to return to the station display.

Software version

1. Press and hold the 'Info/Menu' button on the top of your radio.
2. Use the 'Station +' and '- Station' buttons to scroll to <System>. Press and release the 'Select' button.
3. Use the 'Station +' and '- Station' buttons to scroll to <SW version>. Press and release the 'Select' button.
4. The software version will be displayed and you may wish to make a note of it here:

.....

5. Press and hold the 'Info/Menu' button to return to the station display.

Factory reset

You can reset your radio and restore all of the original factory settings.

Note: If you reset your radio all of your DAB and FM station presets will be deleted.

1. Press and hold the 'Info/Menu' button on the top of your radio.
2. Use the 'Station +' and '- Station' buttons to scroll to <System>. Press and release the 'Select' button.
3. Use the 'Station +' and '- Station' buttons to scroll to <Factory Reset>. Press and release the 'Select' button.
4. 'Factory Reset? <No> Yes' will be displayed. Use the 'Station +' and '- Station' buttons to scroll to '<Yes>'. Press and release the select' button to confirm.
5. 'Restarting...' is displayed. After a few seconds the display will change to 'Welcome to Digital Radio' and will then go to Standby.
6. Press and hold the '⏻' button on the top of the radio and your radio will switch on and scan for DAB stations. Remember to extend the telescopic aerial.

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CE



Electric and electronic equipment contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment) is not handled correctly.

Electric and electronic equipment is marked with the crossed out trash can symbol, seen below. This symbol signifies that electric and electronic equipment should not be disposed of with other household waste, but should be disposed of separately.

All cities have established collection points, where electric and electronic equipment can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

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