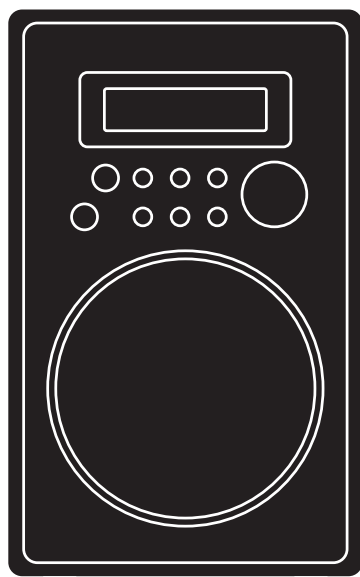


Technika

EXCLUSIVELY FROM **TESCO**



DR1302

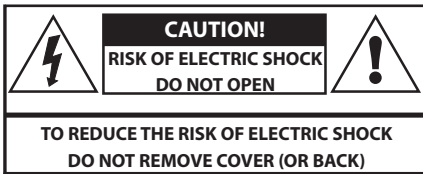
Owner's Handbook

DAB Radio





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 slightly damp 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 electrical shock, 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.

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.

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 Adaptor. Using non-approved power supplies will void the warranty.

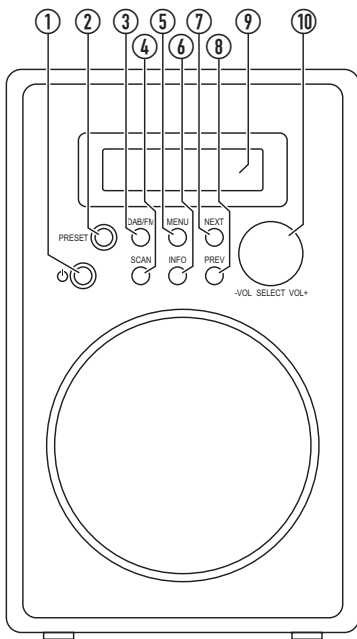
Mains Supply: The mains operating voltage of this unit is marked on a rating plate on the AC adaptor.

The means of disconnecting this appliance from the mains supply is the mains plug/AC adaptor. This should be unobstructed and readily operable at all times.



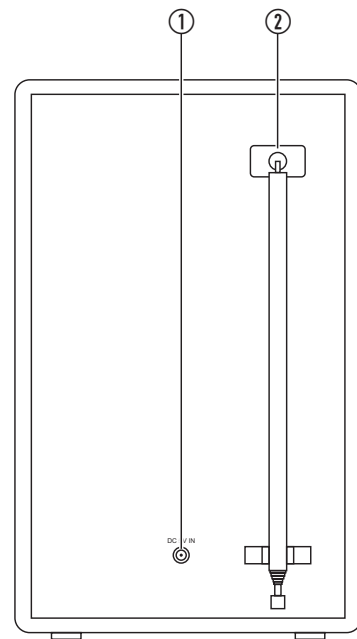
CONTROLS AND CONNECTIONS

FRONT VIEW



- | | |
|-------------------|---------------------------|
| 1. Standby button | 6. Info button |
| 2. Preset button | 7. Next button |
| 3. DAB/FM button | 8. Previous button |
| 4. Scan button | 9. Display |
| 5. Menu button | 10. Volume/Select control |

BACK VIEW



1. Telescopic aerial
2. DC IN jack



GETTING STARTED

UNPACKING

Carefully unpack the unit. If it is damaged, please return it to your nearest Tesco store for replacement. Remember to take your purchase receipt with you.

Retain the User Handbook. If you pass the unit on to a third party make sure you pass on the handbook.

We suggest you retain the packaging. If you dispose of it, do so having regard to any recycling regulations in your area.

CONTENTS

The carton should contain:

- The DR1302 digital radio
- AC Adaptor
- Operating Manual

If any items are missing or damaged, contact your nearest TESCO store for a replacement. Have your receipt ready when you call. Retain the packaging. If you dispose of it, do so having regard to any recycling regulations in your area.

LOCATION

Place the unit on dry stable surface away from heat and damp and where it is unlikely to fall or be knocked over.

CONNECTING POWER

- Check that the mains voltage marked on the rating plate of the AC adaptor is the same as the voltage in your area.
- Plug the DC cable from the AC adaptor into the DC 5V IN jack on the back panel.
- Plug the AC adaptor into the wall socket and switch the mains power on.

Initialisation begins -

A welcome message is displayed.

The radio will tune to the last station played.

DAB/FM AERIAL

Before using your radio for DAB or FM reception, always fully extend the telescopic aerial.

The telescopic aerial has a swivel base to enable it to be adjusted to different positions for the clearest sound.

AUTO-DIM DISPLAY

The display includes an auto-dim feature.

When one of the controls is adjusted, the display will automatically brighten for a few seconds.

When you have finished adjusting the controls, there will be a short delay, then the display will fade to a lower brightness.


STANDBY CONTROL

Switching the radio on:

- Press the  button to switch on the radio.

The radio will re-tune to the last station playing.

Setting the radio to Standby:

- Press the  button to set the radio to Standby.

The time and date will be displayed.





FIRST TIME USE

INITIAL SCAN

When your radio is switched on for the first time it will scan all usable stations and store them alphanumerically - 1 Radio, 2 Radio, AA Radio, AB Radio... The initial scan will take a few minutes. After the scan, the number of stations found will be displayed, and the radio will play the first station in the sequence.

Note: If no stations are found, switch the radio off and move it to a location with a stronger signal. When you switch the radio back on it will automatically repeat the scan process.

SETTING THE CLOCK

Automatic clock setting:

The clock on your radio is automatically set from the time signal broadcast with DAB radio stations.

Manual clock setting:

If DAB reception is not available in your area, you can set the time manually via the menu as follows -

- Press the **MENU** button.
- Press the **NEXT** button repeatedly, until <SYSTEM> is displayed.
- Press the **Volume/Select** control.

<Time> is displayed.

- Press the **Volume/Select** control.

<Set Time/Date> is displayed.

- Press the **Volume/Select** control.

Set time will be displayed, the hour digits will flash.

- Press the **NEXT/PREV** buttons to set the hour correctly.
- Press the **Volume/Select** control.
- Repeat the last two steps to set the minutes, then the date.

NOTE: Manual time and date settings will be automatically updated if the radio receives a DAB broadcast.

NOTE: If the radio is disconnected or there is a power loss, time and date settings will be lost until next time a DAB radio is tuned or the clock is manually set.



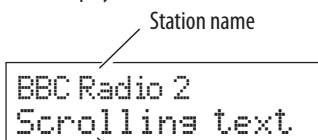


SELECTING A DAB STATION

After scanning, the stations are stored in an alphanumeric station list.

To select another station:

- Press the **NEXT** or **PREV** button to browse the station list.
- Press the **Volume/Select** control to select the station displayed.



Station name

DLS scrolling text

ADJUSTING THE VOLUME

To adjust the volume:

- Turn the **Volume/Select** control clockwise to increase or anti-clockwise to decrease the volume.

The volume level will be displayed on a bargraph.

DAB/FM BANDS

Your radio can also receive FM band radio stations.

To change between the DAB and FM bands:

- Press the **DAB/FM** button.

The radio will change band and the station name (DAB) or tuned frequency (FM) will be shown on the display.

FM RECEPTION

- Select the FM band.

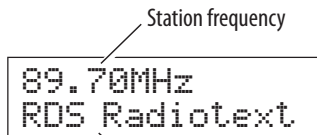
To scan for FM stations:

- Press the **SCAN** button briefly to scan up the band for stations. *or*
- Press and **hold** the **SCAN** button to scan down the band for stations.

Tuning will stop automatically when the next station is reached.

To manually tune to FM stations:

- Press the **NEXT** or **PREV** button to tune up or down the band in 0.05MHz steps.



Station frequency

RDS text

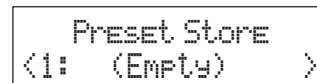
DAB & FM PRESETS

Your radio can store up to 10 of your favourite stations as presets on both the DAB and FM bands.

To store a preset:

- Tune to the station you want to store as a preset.
- Press and **hold** the **PRESET** button.

'Preset Store' will be displayed with a preset number to store. If a station is already stored in this preset number, the station details will be shown.



- To choose a preset location to store your station, press the **NEXT** or **PREV** button to change the preset number displayed.
- To store the station playing in the preset number displayed, press the **Volume/Select** control.

When you store a preset, the preset number and 'Stored' will be displayed to confirm the number you selected.

To recall a preset:

- Press the **PRESET** button.
- Press the **NEXT** or **PREV** button to browse the preset stations you have stored.
- When you find the preset number you want, press the **Volume/Select** control.

The radio will tune to the selected preset station.

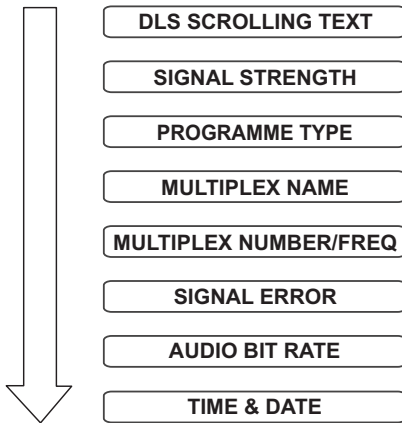




DISPLAY MODES

CHANGING THE DISPLAY MODE

- Press the **INFO** button repeatedly to step through the display modes available.



DAB DISPLAY MODE OPTIONS

DLS (Dynamic Label Segment): This is a scrolling message giving real-time information - song titles, news headlines, etc.

SIGNAL STRENGTH: This bargraph indicates the quality of the signal being received. The maximum signal strength displayed is indicated by 8 bar segments. In low signal areas, adjusting the aerial to increase the signal strength indication will improve reception quality.

PROGRAMME TYPE: This describes the style of the programme being broadcast.

MULTIPLEX NAME: DAB Digital radio stations are broadcast in multiplexes. Each multiplex is a bundle of radio stations transmitted in a single frequency. There are national and local multiplexes; local ones contain stations specific to your area. This option displays the name of the multiplex name that contains the station you are listening to.

MULTIPLEX NUMBER/FREQ: This option will display the number and frequency of the multiplex that contains the station you are listening to.

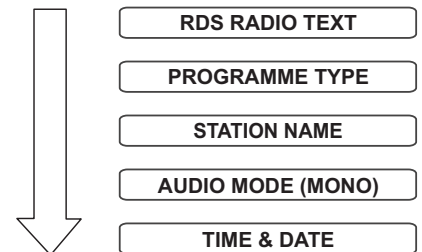
SIGNAL ERROR: A count of the signal errors is shown. The lower the number, the better the signal quality. The Signal error display will help with re-positioning the aerial for best performance.

AUDIO BIT RATE: DAB allows broadcasters to vary the BIT RATE (or the amount by which an audio signal can be compressed) depending on the type of broadcast. This enables the number of stations on a multiplex to be maximised. Speech and News are often broadcast at a lower Bit Rate; music needs a higher Bit Rate for good quality.

TIME AND DATE: Time and date are updated by broadcasted information.

FM DISPLAY MODE OPTIONS:

Pressing the **INFO** button repeatedly when in FM mode will step the display through the available FM display options.



RDS (SCROLLING TEXT): This is a scrolling message giving real-time information - song titles, news headlines, etc.

PROGRAMME TYPE: This describes (when available) the style of the programme being broadcast.

STATION NAME: Displays the name of the station you are listening to.

AUDIO MODE: The mode displayed is mono. This setting cannot be changed.

TIME & DATE: Shows the current time and date. Time and date are updated by broadcasted information.





ADVANCED OPERATION

Advanced operation functions are available through the menu system.

To browse the menu options:

- Press the **MENU** button:

The Menu will open.

- Press the **NEXT** or **PREV** button to browse the menu options available.
- Press the **Volume/Select** control to select the option displayed.

The options available when set to the DAB band are:

- Full scan
- Manual Tune
- DRC
- Prune
- System
 - System>Time
 - System>Language
 - System>Factory Reset
 - System>SW version

The options available when set to the FM band are:

- Scan setting
- System

DAB SETTINGS MENU OPTIONS

FULL SCAN: Select Full Scan to re-scan the entire DAB band and refresh the station list. A Local Scan (selected with the **SCAN** button) will scan only the bands used in the locality of the radio. A full scan will scan all bands.

MANUAL TUNE: You can also manually tune the DAB band (recommended for advanced users only). This will enable you to check for active multiplexes.

- Select the Manual Tuning menu option.

The multiplex channel number and frequency will be displayed. If a station multiplex exists on this frequency, the multiplex name will also be displayed.

- Press the **NEXT** or **PREV** button to change to another multiplex channel.
- Press the **Volume/Select** control to check the signal strength of this multiplex.

PRUNE: If your station list includes stations that you can no longer receive (you may have moved to a different area), you can select the 'Prune' option to remove the unavailable stations from the Station List.

SYSTEM SETTINGS

- To select one of the system setting sub-options, select 'SYSTEM' from the main menu.

The sub-option menu will now open.

SYSTEM>TIME: Select the time option to set the clock manually. The full manual clock setting operation is described in the 'FIRST TIME USE' section.

SYSTEM>LANGUAGE: Selecting one of the language options available will change all display indications to the selected language.

SYSTEM>FACTORY RESET: Select the 'Yes' sub-option to reset all the settings of your radio to factory original settings. The station list will also be cleared and any stored preset memories will be erased. After a factory reset the radio will re-scan the band and renew the station list.

SYSTEM>SW VERSION: This option will display the version number of the control software currently installed in your radio. This will be helpful to a technician who is servicing the radio.

FM SETTINGS

When set to the FM band, you can select a menu option to change the scan sensitivity to stop on all stations or just to stop on strong stations.

System settings are also accessible.





FACTORY RESET

DAB is a terrestrial system and frequencies in different areas vary. If you move the radio to another part of the country, performing a scan may not be enough to re-program the radio you may need to reset the radio.

Factory reset is an option available from the Advanced Settings menu.

To restore the factory settings:

- Follow the instructions in the ADVANCED OPERATION section to select Factory Reset from the menu.

The Radio will now re-start and scan the DAB broadcast stations in your area.

After reset all settings are returned to the factory defaults and any stored presets are erased.

CARE AND MAINTENANCE

AFTER USING YOUR RADIO

- Set the radio to Standby or switch it off.
- Unplug the radio from the mains if you are leaving it unattended for a long period (holidays etc).

CARE AND CLEANING

All care and cleaning operations should be carried out with the unit unplugged from the mains power.

Occasionally wipe the cabinet with a lint free duster. Never clean the unit with liquids or solvents.

SPECIFICATIONS

AC Adaptor supply input :... 100-240 V~, 50/60 Hz, 0.2A

AC Adaptor output: 5 V === 1 A

Product input:..... 5 V === 1 A

DAB:..... 174.928 - 239.200 MHz

FM:..... 87.5 - 108 MHz

Net Weight: 704 g



Class II construction double insulated.

This product must not be connected to earth.

WARRANTY

Your Tesco appliance is covered by a warranty for 12 months from the date of purchase. If a fault develops during this period, please contact the TESCO electrical help line on 0845 456 6767. Please have your original purchase receipt with you when you call. This warranty in no way affects your consumer rights.



UK: Waste electrical products /batteries should not be disposed of with household waste. Separate disposal facilities exist, for your nearest facilities. See www.recycle-more.co.uk or in-store for details.

ROI: Produced after 13th August 2005. Waste electrical products/batteries should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.





Technika

Tesco Stores Ltd,
Delamare Road, Cheshunt, Herts, EN8 9SL

▶ **Technika Helpline: 0845 456 6767** (Calls cost up to 4p per minute from a BT landline, other providers may vary)

DR1302 V0.1