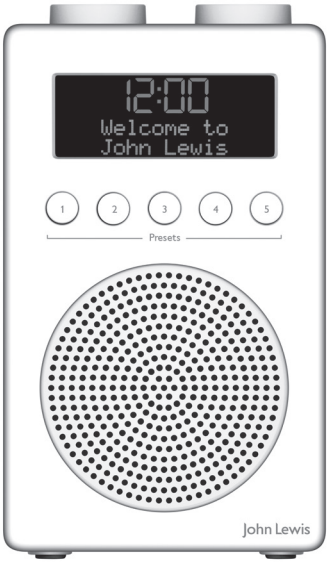
John Lewis

Instruction manual
DAB+/FM digital radio



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Thank you for purchasing this John Lewis DAB+/FM radio.

Hereby, John Lewis declares that the radio equipment type Spectrum solo radio 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://www.johnlewis.com/content/declaration-of-conformity

Please read the instructions and warnings carefully before use, to ensure safe and satisfactory operation of this product.

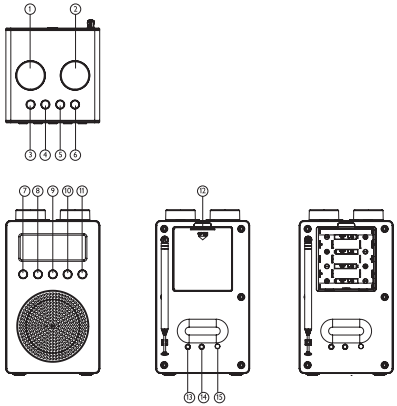
Important safety information

It is most important this instruction leaflet be retained with the product for future reference. These warnings have been provided in the interest of safety. You MUST read them carefully before using the appliance. If you are unsure of the meanings of these warnings contact the John Lewis branch from which you purchased the appliance.

– This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
– To protect against fire, electric shock and injury to persons DO NOT IMMERSE CORD, plug or base unit in water or other liquids.
– Unplug from the mains when not in use, before putting on or taking off parts and before cleaning.
– Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner. Return the appliance to the nearest John Lewis store.
– Do not let the power cord hang over edge of table or counter, or touch hot surfaces.
– In the event of a fault, return the appliance to your nearest John Lewis store. No repair should be attempted by the consumer.
– Do not use the appliance for anything other than intended use.
– For household use only.
– Do not use outdoors.
– Save these instructions for future reference.

WARNING! Polythene bags over the product or packaging may be dangerous.
To avoid danger of suffocation, keep away from babies and children.

Your DAB+/FM digital radio



1 – Station +
2 – Volume + / Power
3 DAB/FM button
4 AUX in button
5 Menu button
6 Info button
7 Preset 1 button
8 Preset 2 button
9 Preset 3 button
10 Preset 4 button
11 Preset 5 button
12 Battery door
13 3.5mm earphone jack
14 AUX in jack
15 DC input

Packing list

1 DAB+/FM digital radio x 1
2 Power adapter x 1
3 Instruction manual x 1

5 Steps guide to getting started for DAB
Press '⏻' to turn on.

1 Press 'DAB/FM' button to select DAB.
2 For first time use, it will automatically do station scanning.
3 Turn the '– STATION +' dial to find desired station and press once to confirm selection.
4 Your radio will automatically tune.
5 Adjust the volume using the '– VOLUME +' dial, turn anti-clockwise to decrease and clockwise to increase volume.

5 Steps guide to getting started for FM
Press '⏻' to turn on.

1 Press 'DAB/FM' button to select FM.
2 Scan for stations, press '– STATION +' for 3 seconds.
3 Your radio will automatically tune.
4 Turn '– STATION +' dial to find desired station.
Note: In FM mode you can also tune the station manually, turning the '– STATION +' button clockwise or anti-clockwise to adjust the FM frequencies with 50kHz up or down respectively.
5 Adjust the volume using the '– VOLUME +' dial, turn anti-clockwise to decrease and clockwise to increase volume.
Note: During the scanning, operation of the sound level will be muted automatically.

1 Basic operation

1.1 Standby mode*

Connect DC power adapter, the radio will enter standby mode. Display will show the time and date information after synchronize to station signal.
*Note: Standby mode will only work when DC power adapter is connected.

1.2 Switch between Standby, DAB and FM mode

Press '⏻' button to turn on the radio. It will enter radio mode.
Press the 'DAB/FM' button to toggle between DAB and FM mode.
Press 'power icon' button once to return to standby mode.

2. Preset

This radio has a 5 preset station function, you can store/recall preset 1-5 by using the direct key on front panel.

2.1 Store a station to the preset list

To store a station, select your desired radio station, then press and hold 'PRESET 1' to 'PRESET 5' button for 3 seconds until the LCD displays 'Preset X set'. 'X' corresponding to button number.
*Note: You can overwrite the existing preset station in DAB or FM mode easily by doing the Preset store steps again.

2.2 Recall a station to the preset list

To recall a preset station, press either 'PRESET 1' to 'PRESET 5' button once to recall the stored station.
*Note: Pressing the preset button will automatically change the radio mode if preset was set in a different mode.

3 Info

Press 'Info' button repeatedly; it will show the information on the screen.

Info options in DAB mode:

- DLS (Dynamic Label Segment – short text information broadcast with DAB audio)
- Date

Info options in FM mode:

- Radio Text
- Date

4 DAB menu

This allows you to tailor the DAB/FM radio with a variety of options to suit you.
Press 'Menu' once to enter menu mode.
Navigate using '– STATION +' dial, press dial to select option.
Press 'Menu' to take a step back within the menu. You could exit the Menu by pressing and holding the 'Menu' button.

Menu options in DAB mode:

- Full scan
- Manual tune
- DRC
- Prune
- System

4.1 Full scan

In DAB menu, turning '– STATION +' to select 'Full scan' and press once to confirm, then full scan starts automatically. Once a scan is completed, the radio returns to play the previously selected station or first station on the station list.

Note: If no radio station is found, it shows 'No DAB Station'. For a better reception, extend the antenna or do the full scan again in another place.

4.2 Manual tune

As well as the normal method of scanning, you can also manually tune to a particular channel/frequency. This can be useful for adjusting your antenna to achieve the best possible reception and scanning a particular channel to update the station list.

In DAB menu, turn '– STATION +' knob to select 'Manual tune' and press once to confirm. Then turn '– STATION +' knob again to select a particular channel/frequency and press once to confirm the setting.

The display shows a live indication of the received signal strength on the selected frequency. Adjustments to your antenna will be manifested in the received signal strength displayed.

4.3 DRC (Dynamic Range Compression)

This function reduces the difference between the loudest and quietest audio being broadcast. Effectively, this makes quiet sounds comparatively louder and loud sounds comparatively quieter.

Options: off(default)/high/low

In DAB menu, turn '– STATION +' knob to select 'DRC' and press once to confirm. Then turn '– STATION +' knob again to select a particular setting and press once to confirm the setting.
Note: DRC only works if it is enabled by the broadcaster for a specific station.

4.4 Prune (remove stations that are listed but unavailable)

This removes all invalid stations indicated in the station list with a '?' in front of the station name.
In DAB menu, turn '– STATION +' knob to select 'PRUNE' and press once to confirm. Then turn '– STATION +' knob again to select <Yes>, and press once to confirm.

4.5 System

The System menu options are:
– Time
– Backlight
– Factory reset
– SW version

4.5.1 Time

In the time menu, you can set the time, time format and source for the time update.

Set Time/Date

Under system menu, turn – STATION +' knob to select 'Time' and press once to confirm. Then turn '– STATION +' knob again to select 'Set Time/Date' and press once to start setting Time/Date.

Set the time (Hour) by turning '– STATION +' knob and confirm the setting by pressing '– STATION +' knob.
Set the time (Minute) by turning '– STATION +' knob and confirm the setting by pressing '– STATION +' knob.
Set the date by turning '– STATION +' knob and confirm the setting by pressing '– STATION +' knob.
After finishing all steps, it will show 'Saved'.

Auto update

Under system menu, rotate the '– STATION +' knob to select 'Time' and press once to confirm. Then turn '– STATION +' knob again to select 'Auto Update' and press once to confirm.

Turn '– STATION +' knob to select the source for the time update, and then press the knob to confirm. Source for the time update: Update from any/Update from DAB/Update from FM/No update.

Set 12/24 hour

Under system menu, turn '– STATION +' knob to select 'Time' and press once to confirm. Then turn '– STATION +' knob again to select 'Set 12 hour' or 'Set 24 hour' and press once to confirm.

Set date format

Under system menu, turn '– STATION +' knob to select 'Time' and press once to confirm. Then turn '– STATION +' knob again to select 'Set Date Format' and press once to confirm.

Turn the '– STATION +' knob to select the date format and then press once to confirm.

4.5.2 Backlight

The brightness of display is adjustable.
Two separate options are:
– On level
– Standby level

There are 3 brightness options of the display:
– High(available in radio ON mode only)
– Medium
– Low

4.5.3 Factory reset

A factory reset clears all user defined settings, replacing them with the original default values, so time/date, preferences/settings, DAB station list and preset stations are all lost.

Under system menu, turn '– STATION +' knob to select 'Factory Reset' and press once to confirm. Then, use the '– STATION +' button to choose <Yes> and press it again to confirm and start the factory reset.
Note: Factory reset will erase all station lists, settings and station presets previously stored.

4.5.4 Software version

This is used to display the current software version.

Under system menu, turn '– STATION +' knob to select 'SW version' and press once to confirm. Then the existing SW version will be shown.

5. FM Menu

This allows you to tailor the DAB/FM radio with a variety of options to suit you. Press 'Menu' once to enter menu mode. Navigate using '– STATION +' dial, press dial to select option. Press 'Menu' to take a step back within menu. You could exit Menu by pressing and holding 'Menu' button.

Menu options in FM mode:
– Scan setting
– Audio setting
– System

5.1 Scan setting
FM scans stop at available station. If choosing scan at all station, this may result in poor quality audio from weak stations.

Options: Strong stations only(default)/All stations

Turn '– STATION +' knob to select particular option in 'Scan setting' and press once to confirm the change to new setting.

5.2 Audio setting
By default, all stereo stations are reproduced in stereo. For weak stations, this may result in poor quality audio. The audio quality can be improved using mono.

Options: Stereo allowed(default)/Forced mono.

Turn '– STATION +' knob to select particular option in 'Audio setting' and press once to confirm the change to new setting.

5.3 System
Please refer to 4.5

6 AUX in
You can listen to external audio devices by connecting the cable (not included) into the AUX IN jack. Press 'AUX' button once to enter AUX mode, play audio after connecting your audio device to the radio.

Troubleshooting

Problem:	FM Hiss/DAB Burbling/intermittent cut-out/DAB No stations available message.
Cause:	Low signal strength.
Solution:	Check/move antenna. Move radio. Rescan local (high-strength) stations only. (For DAB, check local coverage at www.ukdigitalradio.com/coverage then rescan stations).

Error messages

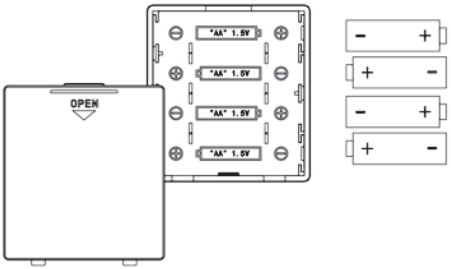
'Service not available':	No DAB reception.
'Signal error':	The DAB signal has been interrupted.
'No DAB Station':	The listed station cannot be found. (No Name): The current station does not broadcast an identity name.
'No stations found':	No DAB stations are available, check aerial.
'No Radio Text':	No RDS text information is available on this station.
'No PTY':	No RDS programme type information is available.
'No Name':	No RDS station name is being broadcast.

Specifications

Description:	DAB+/FM Digital Radio.
Speaker:	1 x 3W with resonance cone.
Frequency Ranges:	FM: 87.5-108MHz; DAB/DAB+: 174-240MHz.
LCD Display:	High resolution display.
Power Supply:	DC power input: 4 x 1.5V AA-size batteries Power adapter: DC 5V 1A (please use our provided adapter).
Dimensions:	155mm x 95mm x 96mm.
Weight:	620g
Working temperature:	0 to 45°C

Changing the batteries

Your product requires 4 x AA batteries (not included) for operation.



- Batteries should be removed and replaced by adults only.
- Only use recommended batteries or those of the same or equivalent type.
- Do not mix old and new batteries or batteries of different types.
- Batteries are to be inserted with the correct polarity.
- The supply terminals are not to be short-circuited.
- Remove exhausted batteries from item.
- Remove batteries if equipment is not used for extended periods of time.
- Rechargeable batteries are to be removed from the item before being recharged.
- Rechargeable batteries are only to be charged under adult supervision.
- Do not attempt to recharge non-rechargeable batteries.
- Batteries contain substances that may be harmful to the environment and human health.
- Keep out of the reach of children and seek immediate medical help if swallowed.

This symbol indicates that batteries should not be disposed of in the normal household waste but taken to appropriate local recycling facilities, where and when these are available. Never throw batteries in a fire or attempt to open outer casing.

Service

This product should only be repaired or serviced by an authorised service engineer and only genuine approved spare parts should be used.

This symbol indicates that this product should not be treated as normal household waste and it should be recycled. John Lewis do not operate instore take back, but as members of the Distributor Take Back scheme have funded the development and upgrade of recycling facilities across the UK. Please take it to your nearest collection facility or for further details contact your local council or visit www.recycle-more.co.uk.

Guarantee

For 2 years in respect of defects found to be due to faulty workmanship or material. Proof of purchase is required for validity of the guarantee. This guarantee is no longer valid if the damage has been caused by accidental damage, alteration, repair by any unauthorised persons or poor maintenance. This guarantee in no way affects your statutory rights.

Retain these instructions for future reference. CE

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