

Pro Sports S1

Personal DAB+/DAB/FM Radio



User Manual



This manual is available to download online at www.azatom.com

Thank you for shopping with **AZATOM®** Please read this manual carefully before using your new device and keep it safe for future reference.

AZATOM® is a British company specialising in advanced audio products. All our products are developed by our In-house Team of British Designers.

We are experts in sound engineering and great care and attention goes into the design and manufacture of every Azatom product to ensure class-leading performance and quality.

Please read the manual thoroughly before operating the device.

Choose a suitable location for the device. Suitable locations are dry, even and anti-slip surfaces on which you may operate the device easily.

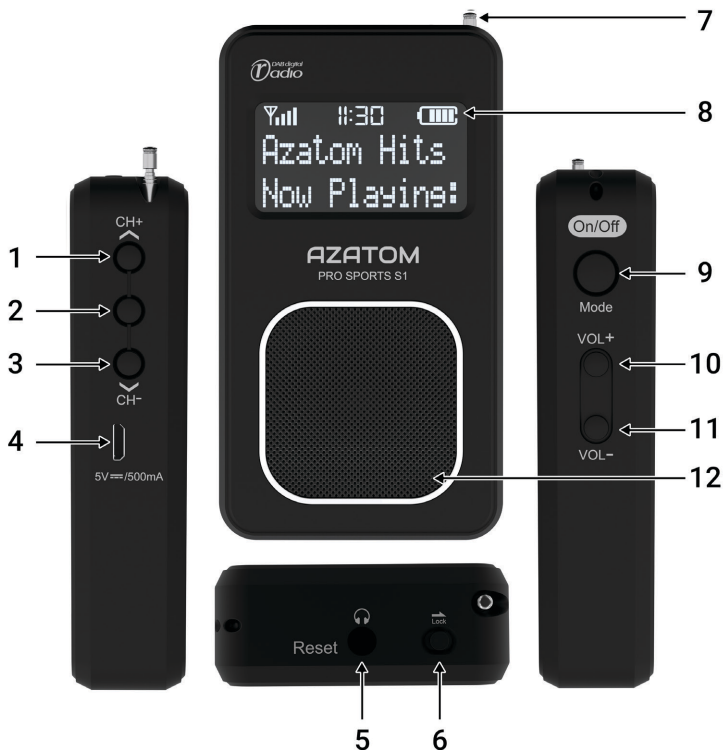
Make sure there is proper ventilation for the device.
Remove, if necessary, the protection sheet from the display.

This personal DAB Radio was designed to come with you on your journeys, all while delivering high quality digital audio.

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Controls & Interface



1. **CH+ / Channel Up / TU+ / Tune Up**
2. **Menu / Scan / Enter**
3. **CH- / Channel Down / TU- / Tune Down**
4. **DC input socket**
5. **Earphone socket / Reset**
6. **Lock switch**
7. **Telescopic Aerial**
8. **LCD Display**
9. **ON / OFF and MODE button** (Tap to switch radio on and change mode, press and hold to switch off)
10. **Volume +**
11. **Volume -**
12. **Speaker**

What's in the box?

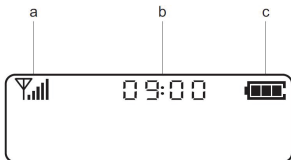


- **AZATOM® Pro Sports S1 Personal DAB Radio**
- **User Manual**
- **USB Power Cable**
- **Earphones**
- **AZATOM® Warranty Card**

Using the Pro Sports S1

Display Icons:

- A. Signal strength indicator
- B. Time in 24h format
- C. Battery level / Charge indicator



Power Supply (USB Cable only - USB Wall Socket not supplied):

Insert the grid plug into a properly installed AC socket. Connect the device with the plug connector by inserting its plug into the 5V/500mA USB charging port of the device.

Make sure the grid voltage corresponds to the figures on the rating plate.

CAUTION:

Only use the supplied power adapter for this device.

Do not use for other devices.

Only use the original AC adapter. This adapter has been specially designed for the built-in battery in order to gradually charge the battery. Any other adapter can shorten the battery life or can damage it or the device.

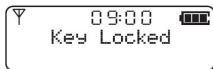
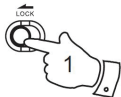
NOTE:

Disconnect from mains power supply during longer periods of non-use.

Key-lock function:

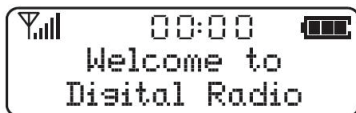
The Key-lock function is used to prevent unintentional operation of your radio

1. Set the Lock switch located on the top of your radio to the "Lock" position. If the radio is switched on "Key locked" will appear on the display. The ON/OFF and all other buttons will be disabled only while the unit is powered on.
2. To release the Lock switch, move the lock switch to the "Unlock" position.



Operating your radio - DAB:

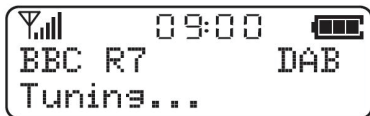
1. Carefully extend the telescopic aerial.
2. Press the **ON/OFF** button to switch on your radio. The display will show "Welcome to digital radio."
3. If this is the first time the radio is used to quick scan of the Band III DAB channels will be carried out. If the radio has been used before the last used station will be selected.



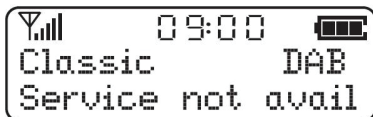
4. Press and hold **MENU** for auto scan. During the scanning process, the lower line of the display shows a bar-graph indicating progress of the scan.



5. When the scanning is completed the first station (in numeric-alpha order 0-9, A-Z) will be selected. Your radio will automatically set to the current time.



6. If the station list is still empty after the scan your radio will display "Service not available".



7. If no signals are found it may be necessary to relocate your radio to a position giving better reception.

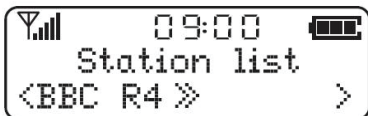
Selecting a station - DAB:

1. The top line of the display shows the name of the station currently selected
2. Push the **Tuning+** / **Tuning-** button to select the list of available stations on the lower line of the display, and push the **ENTER** button to confirm.
3. Adjust the Volume control to the required setting.

Note: If after selecting a station the display shows "service not available" it may be necessary to relocate your radio to a position giving better reception.

Secondary services - DAB:

1. Certain radio stations have one or more secondary services associated with them. If a radio station has a secondary service associated with it the display will show ">>" next to the station name on the station list. The secondary service will then appear immediately after the primary services as you push the **Tuning+** / **Tuning-**.



2. Press **ENTER** to select the station
3. When the secondary service shuts down, your radio will automatically switch back to the main radio station (or *primary service*) if it is available.

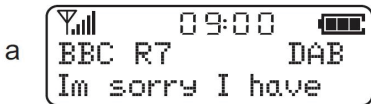


Display modes - DAB:

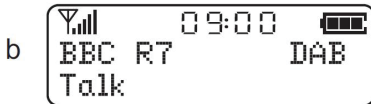
Your radio has a range of display modes:

Press **MENU** to entry "Station Info" and cycle through each modes.

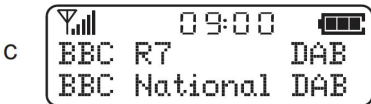
A. **Scrolling text:** Displays scrolling text messages such as artist/track name, phone in number etc.



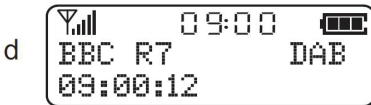
B. **Program Type:** Displays the type of station being listened to e.g. Pop, Classic, News etc.



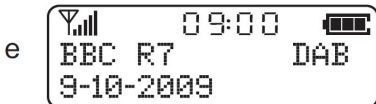
C. **Multiplex Name:** Displays the name of DAB multiplex to which the current station belongs.



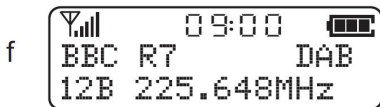
D. **Time:** Displays the current time.



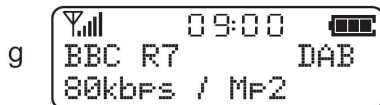
E. **Date:** Displays the current date.



F. **Frequency:** Displays the frequency of the DAB multiplex for the station listened to.



G. **Bit rate & audio type:** Displays the digital bit rate & audio type for the station being listened to.



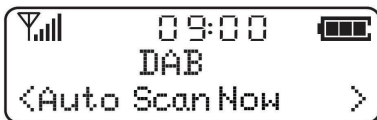
H. **Signal strength:** Displays a graph showing the signal strength for the station being received.



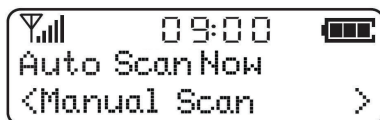
Finding new radio stations - DAB:

As the time passes new stations may become available. To find new stations follow these steps:

1. Press the **Tuning+** / **Tuning-**, the display will show *"Find services"*.



2. Click the **Tuning+** / **Tuning-** until the display shows *"scan"*.



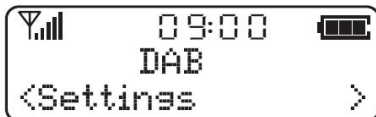
3. Press and hold **MENU** for auto scan. The display will show *"Scanning..."* and your radio will perform a scan of the Band III DAB channels. As new radio stations are found the station counter on the right-hand side of the display will increase and the radio stations will be added to the list stored in the radio.



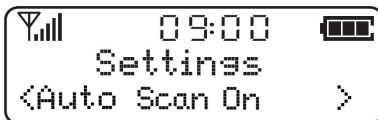
Auto Scan function - DAB:

As an alternative to clicking the menu to select a station your radio can be set so as to automatically select a station.

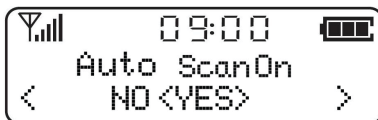
1. Press the **MENU** button, and press **Tuning+** / **Tuning-** until to see *"Settings"*.



2. Press **Tuning+** / **Tuning-** until *"Auto Scan On"* shows on the display.



3. Press **Tuning+** / **Tuning-** until *"YES"* is highlighted. Press **ENTER** to confirm the selection. When tuning your radio will now automatically select a station from the station list.

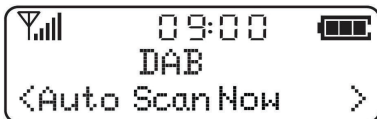


4. If you do not wish to use the Auto Scan On function press **Tuning+** / **Tuning-** until *"NO"* is highlighted. The radio will require a click to choose a station from the station list.

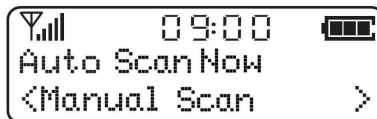
Manual Tuning - DAB:

Manual tuning allows you to tune display to the various DAB Band III channels. UK DAB stations located in the range 11B to 12D.

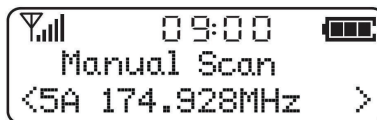
1. Press **MENU** until the display show "Auto Scan Now", press **MENU** to enter the Services Menu.



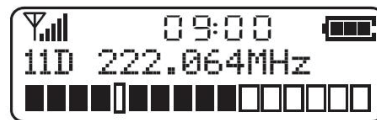
2. Press **Tuning+/Tuning-** until the display shows "Manual Scan". Press **MENU** to select this function.



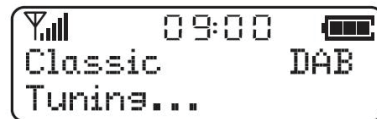
3. Press **Tuning+/Tuning-** to highlight the desired channel.



4. Press **MENU**, the graph will indicate the signal strength, and the upper line will show the name of the DAB multiplex (group of radio stations). Any stations found will be added to the stored list in the radio.



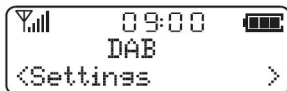
5. Press **MENU** to return to the normal tuning mode.



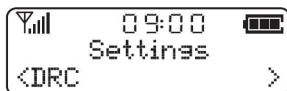
Dynamic Range Control Settings - DAB:

Dynamic range control (*also known as DRC*) can make quieter sounds easier to hear when your radio is used in a noisy environment.

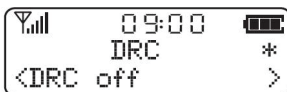
1. Press the **ON/OFF** button to switch on your radio.
2. Press **MENU** and **Tuning+/Tuning-** until the display shows "Settings". Press **MENU** to enter the settings menu.



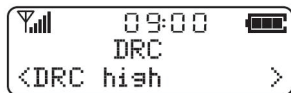
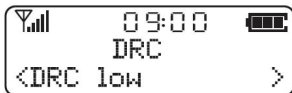
3. Press **Tuning+/Tuning-** until "DRC" is highlighted.



4. Press **MENU** to enter the adjustment mode.



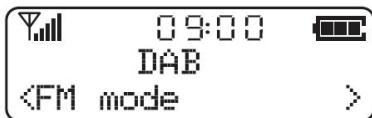
5. Press **Tuning+/Tuning-** to select the required DRC setting (*the default is 0*). **DRC OFF** - DRC is switched off, Broadcast DRC will be ignored. **DRC LOW** - DRC level is set to 1/2 that sent by broadcaster. **DRC HIGH** - DRC level is used as sent by broadcaster.



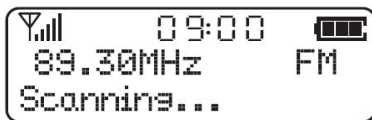
6. Press **MENU** to confirm the setting. The display will return to the previous display.
Note: Not all DAB broadcasts are able to use the DRC function. If the broadcast does not support DRC, then the DRC setting in the radio will have no effect.

Operating your radio - Search tuning - FM:

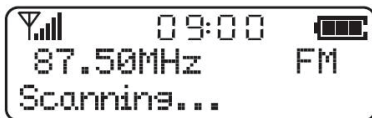
1. Carefully extend the telescopic aerial fully and press the ON/OFF button to switch on your radio.
2. Press **MENU** until the display show "Find Services". Press **Tuning+ / Tuning-** until "FM Mode" is highlighted.
3. Press **MENU** to enter FM mode.



4. Press **Tuning+** and hold for 2 seconds, your radio will scan in an upwards direction (*low frequency to high frequency*) and stop automatically when it finds a station of sufficient strength.



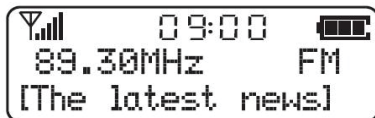
5. After a few seconds the display will update. The display will show the frequency of the signal found. If the signal is strong enough and there is RDS data present then the radio will display the station name.
6. To find other stations, press the **Tuning+** and hold as before.
7. To scan the FM band in a downwards direction (*high frequency to low frequency*) press the **Tuning-** and hold for 2 seconds.



8. When the waveband end is reached your radio will recommence tuning from the opposite waveband end. Adjust the Volume control to the required setting.

Manual Tuning - FM:

1. Carefully extend the telescopic aerial fully and press the **ON/OFF** button to switch on your radio.
2. Select FM mode as previously described if required.
3. Press **Tuning+** or **Tuning-** to tune to a station. With each press of Tuning the frequency will change up or down by 50 kHz.



4. When the waveband end is reached the radio will recommence tuning from the opposite waveband end.
5. Set the Volume control to the desired settings.
6. To switch off your radio press the **ON/OFF** button.

Earphones:

The lead connecting the earphones to your radio acts as an aerial when plugged into the Earphone socket. The lead should be extended as much as possible to increase reception.

Note: *When using earphone it is normally not necessary to extend the telescopic aerial.*

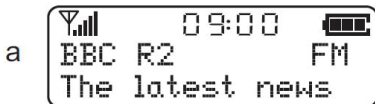
1. Plug the earphones into the Earphone socket on the top of your radio.
2. Check that the Volume level is not too loud before placing the ear-pieces into your ears.

Display modes - FM:

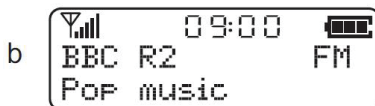
In FM mode the bottom line of the display can be set to any of the following display options:

Press **MENU** to entry "Station Info" and cycle through each modes.

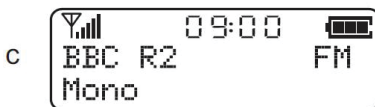
A. **Scrolling text:** Displays scrolling text messages such as artist/track name, phone in number etc.



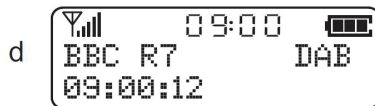
B. **Program Type:** Displays the type of station being listened to e.g. Pop, Classic, News etc.



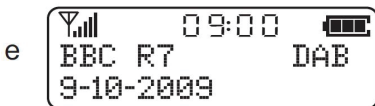
C. **Audio mode:** Displays shows stereo or Mono..



D. **Time:** Displays the current time.



E. **Date:** Displays the current date.

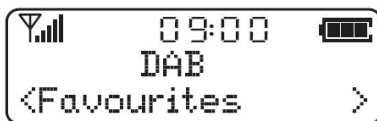


Note: Your radio will display "NO Radio Text" on the lower line of the display if there is no scrolling text available and "NO PTY" if there is no programme type information.

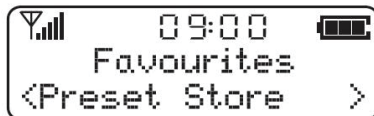
Presetting Stations:

You may store your preferred DAB and FM radio stations to the preset station memory. There are 60 memory presets in your radio, 30 for DAB and 30 for FM. Presets are remembered by your radio in the event of a power failure. The procedure for setting presets and using them to tune stations is the same for FM and DAB modes, and is described below.

1. Press **ON/OFF** button to switch on the radio.
2. Select the desired waveband.
3. Tune to the required station as previously described.
4. Press **MENU** button to enter the menu and then press **Tuning+** or **Tuning-** until *"Favourites"* is highlighted. Press **MENU** to select this function

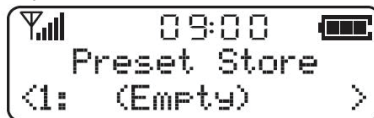


5. Press **Tuning+** or **Tuning-** until the display shows *"Preset Store"* then press **MENU** to select.

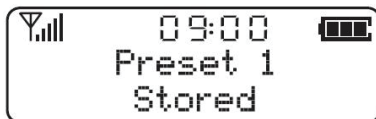


6. Press **Tuning+** or **Tuning-** to select the desired preset number which you wish to store the station.

7. Press **MENU** to confirm, for example, *"Preset 01 stored"*. The station will be stored under the chosen preset. Repeat this procedure as needed.

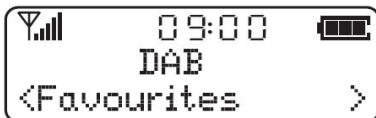


8. Stations which have been stored in preset memories may be overwritten by following the above procedure.

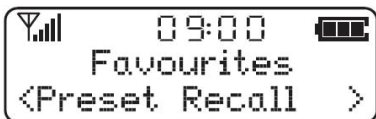


Recalling a preset:

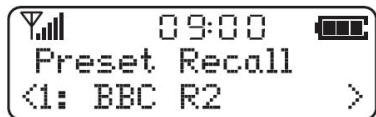
1. Press the **ON/OFF** button to switch on the radio.
2. Select the required waveband as previously described.
3. Press and hold menu to enter the menu and then press **Tuning+** or **Tuning-** until "**Favourites**" is highlighted. Press **MENU** to select this function.



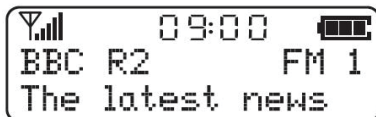
4. Press **Tuning+** or **Tuning-** until the display shows "**Preset Recall**" then press **MENU** to select.



5. Press **Tuning+** or **Tuning-** to highlight the desired preset station.



6. Press **MENU** to tune to the station stored in preset memory.



Note: If you have not previously stored a preset station and the preset button is pressed "Empty preset" will be displayed.

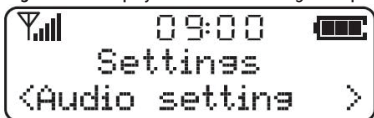
FM Stereo/Mono (*Earphones only*):

If a station being received is weak some hiss may be audible (*especially when listening using earphones*).

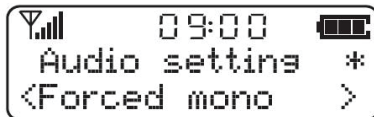
1. To reduce the hiss press and hold **MENU** button to enter the menu and then press **Tuning+** or **Tuning-** until "**Settings**" is highlighted. Press **MENU** to select this function.



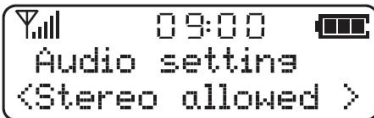
2. Press **Tuning+** or **Tuning-** until the display shows "**Audio setting**" then press **MENU**.



3. Press **Tuning+** or **Tuning-** until "**Forced mono**" is displayed. Press the **MENU** to select mono. Your radio will select the mono audio mode.



4. To return to stereo mode press **Tuning+** or **Tuning-** until the display shows "**Audio setting**" then press the **MENU**.
5. Press **Tuning+** or **Tuning-** until "**Stereo allowed**" is displayed. Press **MENU** your radio will switch to stereo mode. The chosen setting will be marked with an asterisk.

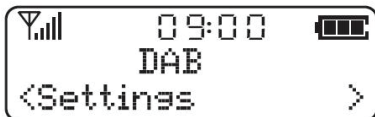


Note: Stereo listening is only available when listening via earphones.

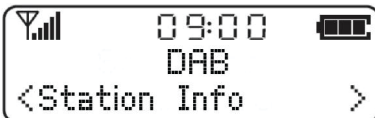
Station information:

The station information menu displays technical information about the current station.

1. To view the station information press the **MENU** to enter the menu and then press **Tuning+** or **Tuning-** until 'Settings' is highlighted on the display.



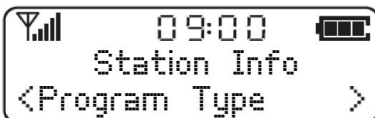
2. Press **Tuning+** or **Tuning-** until "Station info" shows on the display. Press **MENU** the services information will be displayed.



3. Press **Tuning+** or **Tuning-** until the required service information is highlighted and press **MENU** to view this information. The chosen service information will be marked with an asterisk and will remain on the display.

DAB - Program type, DLS, signal strength, Bitrate, Frequency, Date, Time, Ensemble.

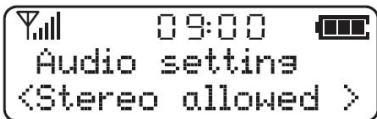
FM - Radio text, Date, Time, Audio Type, Program Type.



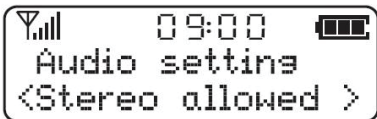
Brightness:

The contrast of the display can be adjusted on your radio

1. To adjust the contrast press the **MENU** to enter the menu and then press **Tuning+** or **Tuning-** until "Settings" is highlighted on the display.



2. Press **MENU** and then press **Tuning+** or **Tuning-** until "Set Brightness" shows on the display.



3. Press the **MENU** to enter adjustment mode.
4. Press **Tuning+** or **Tuning-** to adjust the brightness level (*between High, Medium and Low*). The brightness level indication on the screen will change at the same time. When you find the setting that gives you the best legibility for the location in which the radio is used, press **MENU** to save the setting.

Time/Date Setting:

When no DAB signal, you need to set the **TIME** and **DATE** manually.

1. Press **MENU** to enter the settings menu.
2. Press **Tuning+** or **Tuning-** until "Settings", press **MENU** to entry.
3. Press **Tuning+** or **Tuning-** until "Set Time/Date", press **MENU** to entry.
4. Press **Tuning+** or **Tuning-** and **MENU** to set the correct time and date.

Sleep function:

Your radio can be set to turn off after a preset time has elapsed. The sleep setting can be adjusted between 15 and 90 minutes. Ensure your radio is switched on.

1. Press **MENU** to enter the menu and then press **Tuning+** or **Tuning-** until "Settings" is highlighted on the display.



2. Press **Tuning+** or **Tuning-** until "Set Sleep time" is highlighted on the display.

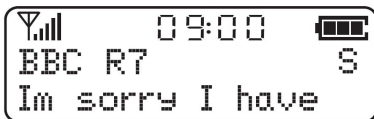


3. Press **MENU** to enter adjustment mode.

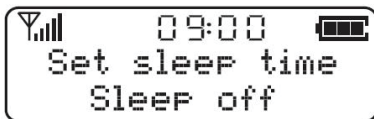
4. Press **Tuning+** or **Tuning-** to set the desired sleep time between 15, 30, 45, 60, 75 and 90 minutes or Sleep Off which will cancel the sleep function.



5. Press **MENU** to confirm the setting. The sleep timer indicator "S" will show on the display. Your radio will switch off after the preset sleep time has elapsed.



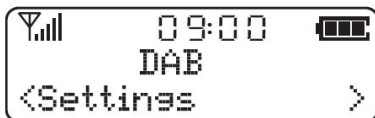
6. To cancel the sleep timer and switch off your radio before the chosen sleep time has elapsed press the **ON/OFF** button to cancel the sleep timer without switching off your radio, set the desired sleep time to **SLEEP OFF**.



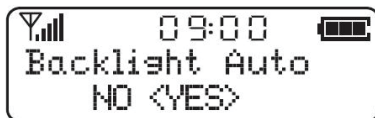
Backlight:

If no pressing on any button, the LCD would dim 1/4 after 20 seconds, and dim 1/2 after 2 minutes.

1. To set the backlight to never dim, press the MENU to enter the menu and the press Tuning+ or Tuning- until "Settings" is highlighted on the display.



2. Press **MENU** to enter the settings menu.
3. Press **Tuning+** or **Tuning-** until "*Backlight Auto*" is highlighted on the display.
4. Press **Tuning+** or **Tuning-** until "*NO*" is highlighted. Press **MENU** to confirm selection. The backlight will never dim. If select "*YES*", the LCD would dim 1/4 after 20 seconds, and dim 1/2 after 2 minutes.



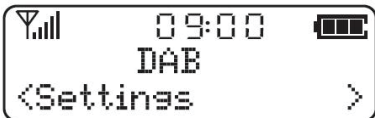
Factory reset:

If your radio fails to operate correctly, or some digits on the display are missing or incomplete, it may be possible to restore normal operation by carrying out a system reset on your radio. This will restore the radio's settings to the factory default. No pre-sets will be stored, and the list of DAB radio stations will be empty.

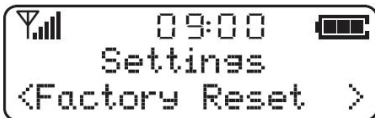
If you have moved to a different part of the country and you wish to erase local DAB radio stations that are no longer available from the stored list, then you may choose to carry out this procedure. Your radio will automatically re-scan for the DAB stations available at your current location when it restarts.

1, Press **MENU** to enter the menu.

2, Press **Tuning+** or **Tuning-** until the display shows "Settings", then press **MENU** to enter the settings menu.

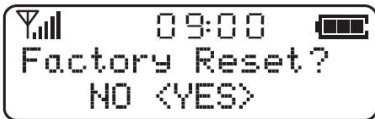


3, Press **Tuning+** or **Tuning-** until the display shows "Factory Reset". Press the **MENU**.

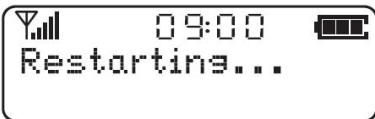


4, If you wish to perform the reset operation, push the **Tuning+** or **Tuning-** until "YES" is highlighted on the display and press. A full reset of your radio will be performed, All presets and station lists will be erased.

If you do not wish to reset your radio press **Tuning+** or **Tuning-** until "NO" is highlighted. Your radio will return to the previous menu.



5, After a system reset a scan of the DAB band will be performed. In case of malfunction due to electrostatic discharge, reset the product (*temporary disconnection of the power adaptor may be required*) to resume normal operation.



Technical Specifications

Power requirement mains (via USB Cable):

100-240V 50/60Hz

Lithium rechargeable battery:

DC 5V 500mA

3.7V, 1800mAh

Battery life full charge:

Up to 15 hours using the loudspeaker for 4 hours a day at normal volume.

Up to 18 hours using earphones for 4 hours a day at normal volume.

Frequency Coverage:

FM:

87.5-108MHz

DAB:

174.928 - 239.200MHz

Specifications:

Output power:

150mW (speaker)

Earphone socket:

3.5mm dia. Stereo

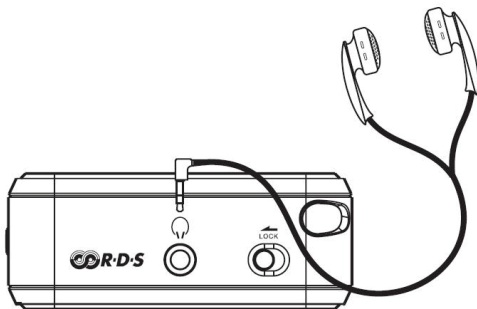
Aerial system: FM:

Telescopic Aerial

DAB:

Telescopic Aerial

IMPORTANT: Do not switch on the radio with the earphones connected and inserted in your ear. Excessive sound pressure from earphones can cause hearing loss.



IMPORTANT SAFETY INFORMATION

1. Read these instructions.
2. Keep these instructions. Instructions are also available for download at www.azatom.com
3. Heed all Warnings.
4. Follow all instructions.
5. Do not clean the apparatus near or with water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this apparatus during light storms or when unused for long periods of time.
12. Refer all servicing to qualified service personnel.

Servicing is required when the apparatus has been damaged in any way, such as powersupply 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.

13. No naked flame sources, such as lit candles, should be placed on the apparatus.
14. Dispose of used electrical products and batteries safely according to your local authority and regulations.

ADDITIONAL WARNINGS

The apparatus shall not be exposed to dripping or splashing and no objects filled with liquid, such as vases, shall be placed on apparatus.

Main plug is used to disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the main mains completely, the mains plug should be disconnected from the main socket outlet completely.

Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

RECYCLING ELECTRICAL PRODUCTS

You should now recycle your waste electrical goods and in doing so help the environment.



This symbol means an electrical product should not be disposed of with normal household waste. Please ensure it is taken to a suitable facility for disposal when finished with.



IMPORTANT: Please read all instructions carefully before use and keep for future reference



- Risk of electric shock.
Do not open



- Read all instructions carefully before use and keep for future reference.



- When servicing, use only identical replacement parts.



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