AZATOM®

SONANCE T1 Digital Radio

DAB+/DAB/FM Radio Alarm Clock

Best of British

GB

Audio & Electronics

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 DAB Radio was designed to travel and come with you on your adventures, all while delivering high quality audio.

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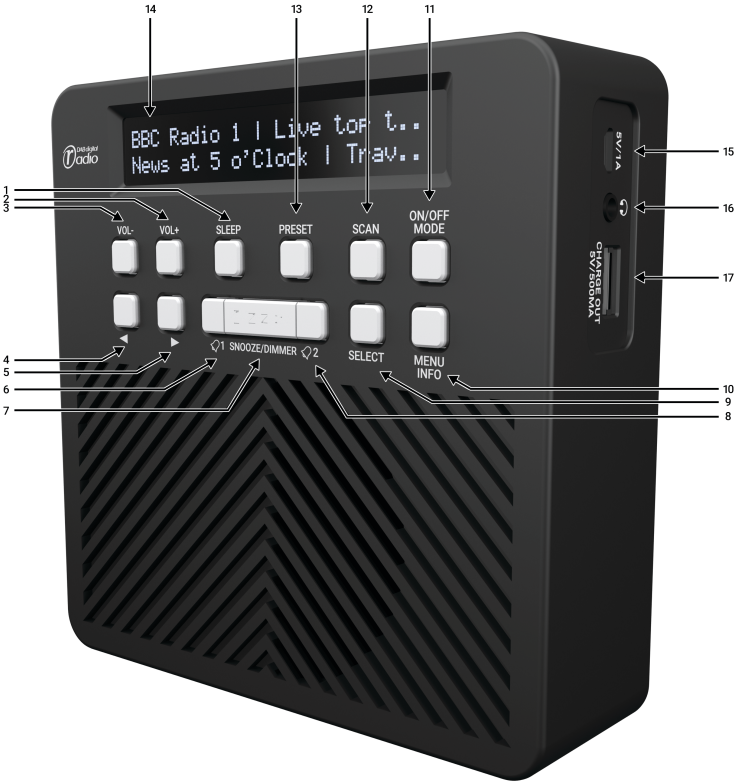
Controls & Interface



1. **SLEEP**
2. **VOLUME+**
3. **VOLUME-**
4. **◄ / TUN-**
5. **► / TUN+**
6. **ALARM 1**
7. **Snooze/Dimmer** *(Dimmer for brightness setting)*
8. **ALARM 2**
9. **SELECT**
10. **MENU/INFO**
11. **POWER/MODE**
12. **SCAN**
13. **PRE-SET**
14. **LCD Display**
15. **DC-IN socket** *(5V, 500MA)*
16. **Headphone socket** *(3.5mm)* **/ Reset**
17. **USB charge port** *(5v, 500MA for mobile phone)*

What's in the box?

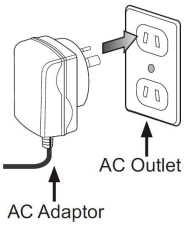
- AZATOM® SONANCE T1 Digital Radio
- User Manual
- Power Adapter
- AZATOM® Warranty Card

Using the SONANCE T1

Power supply *(Adapter)*:

Insert the mains adapter into a properly installed power socket. Connect the device with the plug connector by inserting its plug into the 5V DC 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 the included power adapter for other devices.

This adapter has been specially designed with an anti-magnetic module in the power cord to prevent interference.

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

Battery use:

To check the battery level of the unit, while the unit is powered on insert the power adapter into the side of the unit with the mains power turned on. The display with show the current battery level for 5 seconds and then revert back to the current station information.

When the charger is removed the display will also show the current charge level,
For example Example : BATTERY LEVEL 75%

The battery level can then be checked by inserting and removing the charger (while mains power is on) at any time.

USB Charge:

The USB charge port is 5V 500mah output for charging additional devices such as mobile phones.

Operating your radio - DAB:

1. Carefully extend the telescopic aerial.

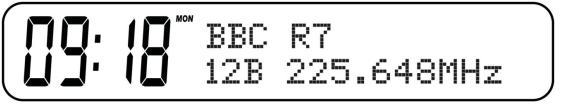
2. Press the **ON/OFF** button to switch on your radio. The display will show ***"Welcome to digital radio."***

3. If this is the first time the unit goes into **DAB** Mode, it will automatically start an '***Auto Scan***' to search for available stations.

(Once DAB Mode has been used before, the SONANCE T1 DAB will automatically select the previously played station)

4. Pressing and holding **"SCAN"** at any time will automatically start an 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 alphanumeric order)* will be selected. The clock 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 stations are found, please ensure the aerial is extended and test the reception by doing another auto scan in a different location.

Selecting a station – DAB:

1. **The top line of the display shows the name of the station currently selected.**

2. **Push the ◄ or ► buttons to select the list of available stations on the lower line of the display, and push the SELECT button to confirm the desired station.**

Finding new radio stations - DAB:

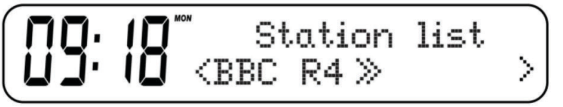
Over time new stations may become available. To find new stations you can auto scan as follows

1. **Press the◄ or ► the display will show "Auto Scan Now".**

2. **Press *"SCAN" 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.**

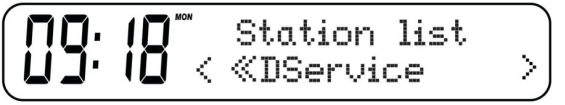
Secondary services – DAB

1. **Some radio stations have additional 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 ◄ or ►.**



2. **Press SELECT to select the station**

3. **When the secondary service shuts down, your radio will automatically switch back to the main radio station if it is available.**



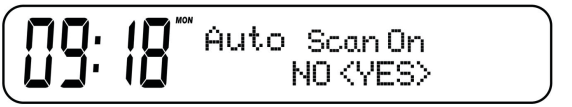
Auto Scan – DAB:

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

1. Press the **MENU** button and ◄ **or** ►until you find *"Settings"*.

2. Press ◄ **or** ► until *"Auto Scan On "* shows on the display.

3. Press ◄ **or** ► until *"YES"* is highlighted. Press **SELECT** to confirm the selection. When tuning your radio will now automatically select a station from the station list.

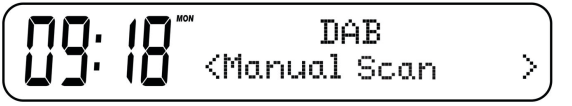


4. If you do not wish to use the Auto Scan On function press ◄ **or** ► until *"NO"* is highlighted. The radio will require a click to choose a station from the station list.

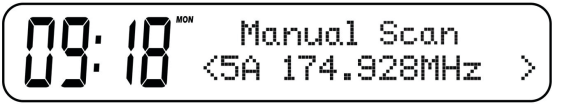
Manual Tuning – DAB:

Manual tuning allows you to tune display to the various DAB Band III channels.

1. Press **MENU** and **◄ or ►** until the display show *"Manual Scan"*, press **SELECT** to enter the **Services Menu**.

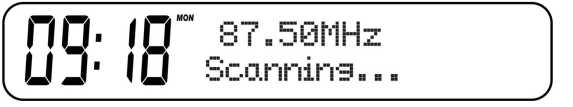


2. Press **◄ or ►** to highlight the desired channel.



3. 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.

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



Dynamic Range Control Settings – DAB:

Dynamic Range Control *(also known as DRC)* is a technology used to help make quieter sounds easier to hear in a noisy environment.

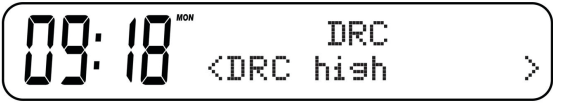
1. **Press the ON/OFF button to switch on your radio.**

2. **Press MENU and ◄ or ► until the display shows *"DRC"*. Press SELECT to enter the settings menu.**

3. **Press ◄ or ► until *"DRC"* is highlighted.**

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

5. **Press ◄ or ► 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 back to normal.**

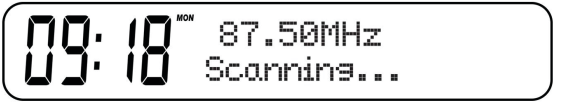
***Note:** Not all DAB broadcasts are able to use the DRC function. If the broadcast does not support DRC, then the DRC setting in the radio will have no effect.*

Auto Search Tuning – FM:

1. Carefully extend the telescopic aerial fully and press the **ON/OFF** button to switch on your radio.

2. Press **MODE** to enter **FM mode**.

3. Press ◄ button and hold for 2 seconds, your radio will scan and stop automatically when it finds a station of sufficient strength.



4. After a few seconds the display will update. The display will show the station frequency. If the signal is strong enough and the station has RDS data present then the radio will display the station name.

5. To find other stations, press and hold the ◄ button as before.

6. To scan the FM band in the opposite direction *(high frequency to low frequency)* press the ► button and hold for 2 seconds.

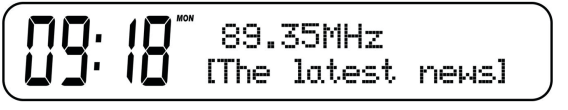
7. When the scan has reached the end of the frequency range your radio will commence tuning from the beginning of the frequency range until scan is complete.

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 ◄ **or** ► to tune to a station. With each press of tuning the frequency will change up or down by 50 kHz.



4. When the scan has reached the end of the frequency range your radio will commence tuning from the beginning of the frequency range until scan is complete.

Preset Stations – FM and DAB:

You may store your preferred DAB and FM radio stations to the pre-set station memories. There are 60 memory pre-sets in your radio, 30 for DAB and 30 for FM. Pre-sets are stored by your radio in the event of a power failure.

The procedure for setting pre-sets and using them to tune stations is the same for FM and DAB modes:

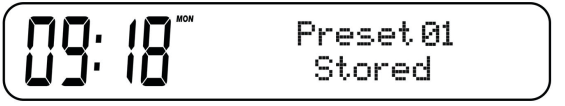
1. Press **ON/OFF** button to switch on the radio.

2. Select the desired waveband.

3. Tune to the required station as previously described.

4. Press **PRE-SET** button and hold to enter pre-set store, and then press to **SELECT** the desired pre-set number which you wish to store the station. Press **SELECT** to confirm.

5. Press **SELECT** to confirm, for example, *"Pre-set 01 stored"*. The station will be stored under the chosen pre-set. Repeat this procedure as needed.

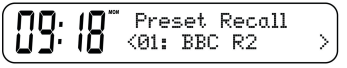


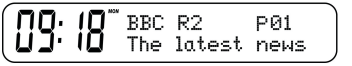
6. Stations which have been stored in pre-set memories may be overwritten by following the above procedure.

Recalling Pre-sets:

1. Press the **ON/OFF** button to switch on the radio.

2. Press **PRE-SET** shortly, then the display shows ***"Pre-set Recall"*** then press **SELECT** to tune to the station stored in pre-set memory.





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

Brightness settings:

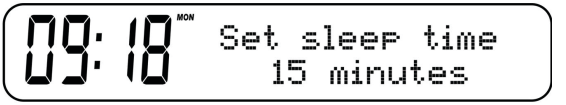
Press the **Dimmer/Snooze** button for four levels of brightness: High, Medium, Low and Sleep low.

Sleep function:

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

1. Press **SLEEP** until *"Set Sleep time"* is highlighted on the display.

2. Press **SLEEP** continuously to set 15, 30, 45, 60, 75 and 90 minutes or Sleep Off which will cancel the sleep function.



3. The sleep timer indicator "⏲" will show on the display. Your radio will switch off after the pre-set sleep time has elapsed.

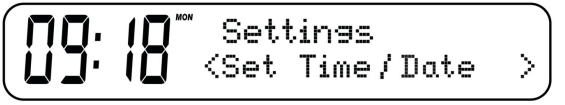
Time/Date Setting:

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

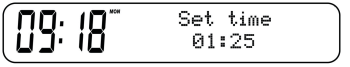
1. Press **MENU** to enter the settings menu.

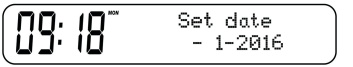
2. Press ◄ or ► until ***"Settings"***, press **SELECT** to confirm.

3. Press ◄ or ► until "Set Time/Date", press **SELECT** to confirm.
   Or ◄ or ► to set the time **AUTO UPDATE** 12/24 hours, and date format as well.



4. Press ◄ or ► and **SELECT** to set the correct time and date.

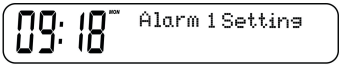


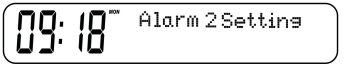


Alarm Setting:

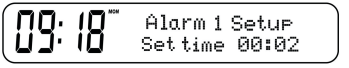
NOTE: PLEASE SELECT A RADIO STATION BEFORE SETTING THE ALARM.
You will be given the option to choose from last station used or one of your favourite pre-set channels.

1. Press "⏰1" or "⏰2" to entry the setting menu.

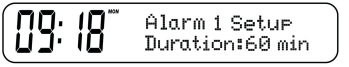




2. Press ◄ or ► to set the alarm time and press **SELECT** to confirm.



3. Press ◄ or ► to set the duration 15, 30, 45, 60, 90 minutes and press **SELECT** to confirm.

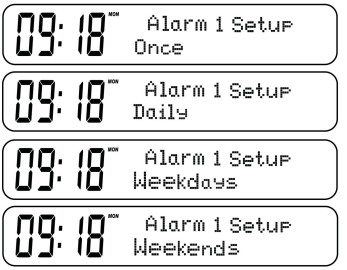


4. **Press ◄ or ► to set the alarm source and press SELECT to confirm.**

5. **If you choose DAB radio or FM radio as your alarm you can choose from last station listened or choose from your favourite pre-set channels 01 to 30**

Press ◄ or ► to scroll between last listened and pre-set channels.

6. **Press ◄ or ► to set the Once / Daily / Weekdays / Weekends, choose the days on which the alarm is active.**



Alarm will only sound for 1 day only.

Alarm will sound for 7 days of the week.

Alarm will sound Monday to Friday.

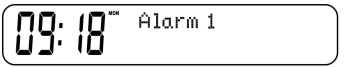
Alarm will sound Saturday and Sunday.

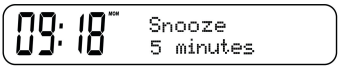
7. **Press ◄ or ► to set the alarm volume and press SELECT to confirm.**

8. **Press ◄ or ► and SELECT to save the alarm setting.**

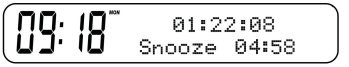
Snooze - Stop Alarm - Disable Alarms:

1. **When the alarm sounds, pressing the ZZZZZ button will temporarily silence *(SNOOZE)* the alarm, you can choose the time from 5, 10, 15, 20, 25, 30 minutes and snooze off.**

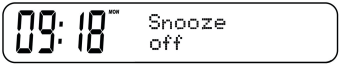


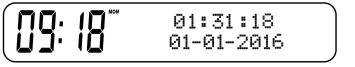


2. **The snooze function also has a countdown allowing you to see how long before the alarm re-sounds.**



3. **When you choose SNOOZE OFF, the radio returns to standby mode, showing the time and date. Press POWER to turn it on.**





Stop Alarm

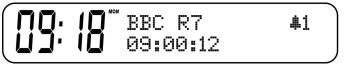
When the alarm is sounding you can press any buttons except the Snooze button one time to stop the alarm sound. The SONANACE T1 will then return to Standby mode.

Enable and Disable Alarms

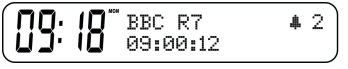
How to Enable or Disable your Alarms 1 or 2 once you have set them:

- Long press for 2 seconds "⏰1" once for Alarm 1 on
- Repeat long press "⏰1" for 2 seconds for Alarm 1 off
- Long press "⏰2" for 2 seconds for Alarm 2 on
- Repeat long press "⏰2" for 2 seconds for Alarm 2 off

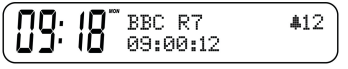
You will see the ⏰1 symbol on display screen when Alarm 1 is active



You will see the ⏰2 symbol on display screen when Alarm 2 is active



You will see the ⏰1/2 symbol on display screen when Alarm 1 and 2 are active



Factory reset:

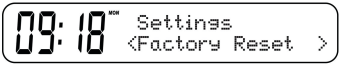
If your radio fails to operate correctly, or some digits on the display are missing or incomplete, it may be possible to restore normal operation by carrying out a system reset on your radio. This will restore the radio's settings to the factory default. No pre-sets will be stored, and the list of DAB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

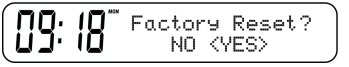
2. Press ◄ **or** ► until the display shows *"Settings"*, then press **SELECT** to enter the settings menu.

3. Press ◄ **or** ► until the display shows *"Factory Reset"*. Press **SELECT**.

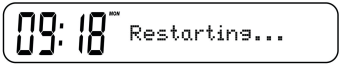


4. If you wish to perform the reset operation, push the ◄ **or** ► until *"YES"* is highlighted on the display and press. A full reset of your radio will be performed. All pre-sets and station lists will be erased.

If you do not wish to reset your radio press ◄ **or** ► 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.



Earphones *(NOT INCLUDED)*:

The lead connecting the earphones to your radio acts as an aerial when plugged into the Earphone socket.

1. Plug the earphones into the Earphone socket on the back of your radio.

2. Check that the Volume level is not too loud before listening through the earphones.

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

Technical Specifications

Power requirement mains *(via adaptor)*:	AC 100-240V, 50/60Hz DC 5V 1A
Battery:	3.7V /1200mAh battery.
Frequency Coverage:	
FM:	87.5-108MHz
DAB:	174.928 - 239.200MHz
Circuit Features:	
Loudspeaker:	3.0 inch
Output power:	3W RMS *(speaker)*
Earphone socket:	3.5mm dia. stereo
Aerial system: FM:	Telescopic Aerial
DAB:	Telescopic Aerial

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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