

AZATOM[®] Zenith Z2

PORTABLE DAB+/DAB/FM/CD/MP3 PLAYER
WITH USB PORT



User Manual



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 be all placed all around your home, all while delivering high quality audio.

Grab your free extended warranty & keep up to date with **AZATOM**® online at www.azatom.com



AZATOM®

**2 YEAR PROTECT
2 PREMIUM**

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Controls & Interface



1. LCD Screen
2. Power
3. Stop
4. Source
5. Tun- / Backwards / ⏮
6. Tun+ / Forwards / ⏭
7. Menu / Info
8. USB Port
9. Enter / Mode
10. Volume -
11. Volume +
12. Preset
13. Play / Pause / Scan
14. Carry Handle
15. CD Door
16. Telescopic Antenna
17. AC Power Port
18. AUX-In Port

What's in the box?



- AZATOM® Zenith Z2
- User Manual
- Power Adapter
- AZATOM® Warranty Card

Using the Zenith Z2

NOTES:

1. It is best to leave a CD inside the unit even when it is not in use. This prevents dust accumulation on the optical lens.

2. Dirty or scratched CD may cause the music to skip. Clean or replace the CD if this happens.

3. BEFORE OPERATION:

NOTES-CONCERNING COMPACT DISCS.

Dirty, damaged or warped discs may damage the unit, care should be taken of the following items:

1. a. Use compact discs only with the mark shown on the disc.
 - b. CD: compact disc only with digital audio signals.



2. a. NOTES ON HANDLING DISCS

Removing the disc from its storage case and loading it.

PRESS THE CLIPS AT THE CENTRE OF THE DISC CASE.



INSERT WITH THE LABEL/DULL SIDE FACING UP.



**LIFT OUT WITHOUT TOUCHING THE RECORDED SURFACE
PRESS THE DISC GENTLY TO INSERT IT.**

Do not touch the reflective recorded surface
Do not stick anything to or write anything on the surface.
Do not bend compact discs.



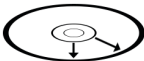
4. STORAGE

After removing a disc from the unit, be sure to put it back in its case. Do not expose discs to direct sunlight, high temperatures from a heater, etc., high humidity, or dust.

Cleaning discs

Before loading a disc, wipe off any dust, dirt or fingerprints with a soft cloth. Discs should be cleaned by wiping radially, from the centre to the edge.

Correct



Incorrect



FROM THE CENTRE TO THE EDGE

This unit has been designed to play 8cm or 12cm compact discs bearing the identification logo shown on the disc. Never use thinner, benzene, record cleaner or antistatic spray on a compact disc.

5. BEFORE OPERATION NOTES ON SET:

BEWARE OF CONDENSATION

When water vapour comes into contact with the surface of cold material, water drops are produced.

If condensation occurs, correct operation may not be possible or the unit may not function correctly.

This is not a malfunction however, and the unit should be dried (*To do this, turn the POWER switch OFF and leave the unit as it is for several hours.*)

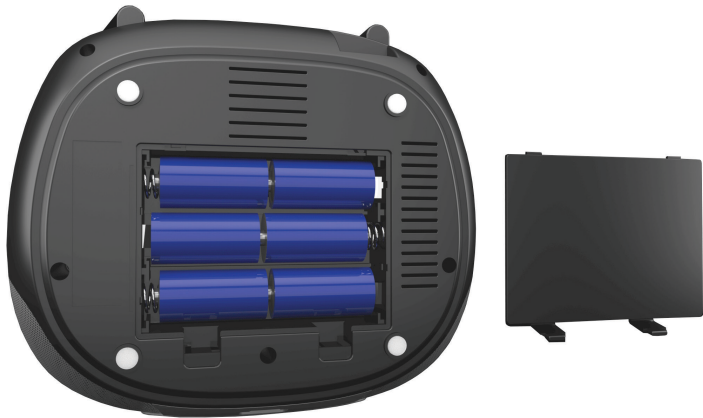
Be especially careful in the following conditions.

1. When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
2. When a heater starts operating.
3. When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
4. When there is a large difference between the internal temperature of the unit and ambient temperature, or in conditions where condensation occurs easily.

Protect your unit/set from rain, fire, moisture, sand, dust, chemicals & excessive heat (*E.g. Near heating equipment or in car parked under the sun light.*)

Battery Operation:

1. Remove the battery cover on the bottom of the unit.
2. Install 6 x DC1.5V "C" (UM-2) batteries (*not included*) according to the polarity diagram inside the battery compartment.



3. Replace the battery cover.
4. **IMPORTANT:** Be sure that the batteries are installed correctly.

Wrong polarity may damage the unit and void the warranty.

For best performance and longer operating time, we recommend the use of good quality alkaline-type batteries.

CAUTION

1. Do not mix old and new batteries.
2. Do not mix alkaline, standard (*carbon-zinc*) or rechargeable (*nickel-cadmium*) batteries.
3. If the unit is not to be used for an extended period of time, remove the battery. Old or leaking battery can cause damage to the unit and may void the warranty.
4. Do not dispose of batteries in fire, batteries may explode or leak.

BATTERY REPLACEMENT

When the output sound of this unit becomes distorted or the CD player operation appears unstable, the batteries are weak. You need to replace all the exhausted batteries at the same time as soon as possible to avoid battery leakage.

DAB+/DAB/FM Radio

1. Carefully extend the telescopic aerial.
2. Press the POWER button to switch on your radio. The display will show "Welcome to DAB."



Welcome to DAB

3. Press "▶||" long time for auto scan. During the scanning process, the lower line of the display shows a bar-graph indicating progress of the scan.



Scanning... 24

■■■■■■■■■■□□

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



BBC R7

12B 225.648MHz

5. If the station list is still empty after the scan your radio will display "No DAB station".
6. 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 ◀◀ or ▶▶ button to select the list of available stations on the lower line of the display.
3. Adjust the Volume control to the required setting.

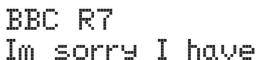
Note: If after selecting a station the display shows "Service N/A" it may be necessary to relocate your radio to a position giving better reception.

Display modes - DAB:

Your radio has a range of display modes:

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

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



BBC R7
Im sorry I have

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



BBC R7
Talk

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



BBC R7
BBC National DAB

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



BBC R7
09:00:12

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



BBC R7
9-10-2009

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



BBC R7
12B 225.648MHz

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



BBC R7
80kbps / MP2

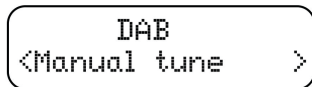
8. **Signal strength:** Displays a graph showing the signal strength for the station being received.



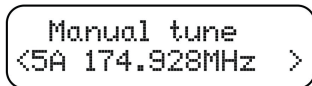
BBC R7
■■■■■ ■■■■■ □□□□□

Manual Tuning - DAB:

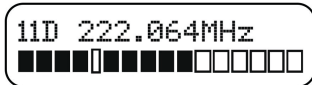
1. Press **MENU** until the display shows "Manual Tune", press **ENTER** to select the Services Menu.



2. Press **◀** or **▶** to highlight the desired channel.



3. Press **ENTER**, 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.



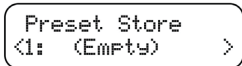
4. Press **MENU** to return to the normal tuning mode.

Presetting Stations:

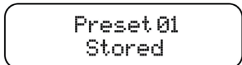
You may store your preferred DAB and FM radio stations to the preset station memories. There are 60 memory presets in your radio, 30 for DAB and 30 for FM. Presets are remembered by your radio in the event of a power failure.

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 **POWER** button to switch on the radio.
2. Select the desired waveband.
3. Tune to the required station as previously described.
4. Press **PRESET** button and hold to enter preset store, and then press to **ENTER** the desired preset number which you wish to store the station. Press **ENTER** to confirm.



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



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

Recalling a preset:

1. Press the **POWER** button to switch on the radio.
2. A short press on the **PRESET** button, then the display shows "Preset Recall" then press **SELECT** to tune to the station stored in preset memory.

Preset Recall
<01: BBC R2 >

BBC R2 P01
The latest news

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

PRUNE: (To remove stations which are listed but unavailable)

1. Under DAB mode, press **MENU** button and then press **◀** or **▶** to show the submenu: Prune, press **ENTER** button to enter the Prune option.

DAB
<Prune >

2. Press **◀** or **▶** to select "Yes" and press **ENTER** button to confirm to prune.

Prune?
<NO> YES

Note: this removes all the invalid stations indicated in the station list with a "?" in front of the station name.

Language:

Press **MENU** button and then press **◀** or **▶** to show the submenu: Language, press **ENTER** button to enter the Language options English / Francais / Deutsch / Italiano.

System
<language >

Operating your radio - Search tuning - FM:

1. Carefully extend the telescopic aerial fully and press the **POWER** button to switch on your radio.
2. Press **SOURCE** to enter **FM** mode.



FM

3. Press **▶||** for 3 seconds for an auto scan, which will automatically store the stations.

Press either **◀◀** or **▶▶** to choose stored stations.

Press and hold **◀◀** button, your radio will scan in an upwards.



89.30MHz
Scanning...

4. 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.
5. To find other stations, press the **◀◀** button and hold for 3 seconds as before.
6. To scan the FM band in a downwards direction (*high frequency to low frequency*) press and hold the **▶▶** button.



87.50MHz
Scanning...

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

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CD OPERATION:

NOTE: *This unit not only plays commercial compact discs but also self-complied CD-RW discs. Because of non-standardized format definition/production of CD-R/RW, playback quality & performance is not guaranteed. The Manufacturer is not responsible for the playability of CD-R/RW due to recording conditions such as PC performance, writing software, media properties etc.*

Do not attach a label or seal to either side of the CD-R/RW disc. It may cause a malfunction.

PLAY MODE:

1. Press **SOURCE** button to enter CD mode.
2. Open the CD door, load a CD with the label side facing upward and then close the CD door.
3. Disc information (*total number of tracks*) will appear on the **LCD DISPLAY**.
4. Press **PLAY/PAUSE BUTTON** to start playing the CD.
5. While playing music, press the **PLAY/PAUSE BUTTON** to pause playback, press **PLAY/PAUSE BUTTON** again to resume playing.
6. Press **VOLUME-** or **VOLUME+** adjust to the desired volume level.
7. Press **STOP BUTTON** to stop playing music.
8. To turn off the CD player, press **POWER BUTTON**.

NOTE: *If skipping occurs during CD playback, try turning the volume down. Check the CD to ensure it is not scratched or damaged.*

Do not open the CD DOOR when a CD is playing.

REPEAT MODE:

Repeat 1:

Press **MODE BUTTON** is pressed once, you will see **REP_ONE** on LCD display. The current track will be repeated.

Repeat All Tracks:

Press **MODE BUTTON** is pressed twice, you will see **REP_ALL** on the LCD display. The whole disc will be played continuously.

Press **MODE BUTTON** is pressed three times, you will see **RANDOM** on the LCD display. The whole disc will be played randomly.

To Cancel Repeat Function:

Press **MODE BUTTON** again to cancel the repeat function .

SKIP AND SEARCH MODE:

1. During Play or Pause mode, tap the **SKIP FORWARD** or **SKIP BACKWARD** Button to go to the next track or go back to the beginning of the current track.
2. During playback, press and hold the **SEARCH FORWARD** or **SEARCH BACKWARD** Buttons to search within the current track with audible high speed playback.

PROGRAM PLAY MODE:

This function allows music tracks to be played in a programmed sequence.

NOTE: *Program can only be set in STOP mode.*

1. Press the **PRESET/MEMORY BUTTON** once, you would see "P01" blink on the **LCD DISPLAY**.
2. Press the **SKIP FORWARD** or **SKIP BACKWARD BUTTON** to select the track to be programmed.
3. Press the **PRESET/MEMORY BUTTON** again to store the selection. The **LCD DISPLAY** will advance to "02" and flash to prompt for the next track.
4. You may repeat steps 2 to 3 to program up to 20 tracks. As soon as you have entered the 20th track, the **LCD DISPLAY** will automatically show the programmed tracks one by one in their correct sequence starting from the first programmed track. If you wish to program less than 20 tracks, press the Program button twice after confirming your last track. At the end of the sequence, "01" will blink on the LCD display, ready to play your first programmed track.
5. Press **PLAY BUTTON** to start the programmed playback. Press the **STOP BUTTON** to stop playback.
6. Programmed tracks will be played through once and then stop. However, you may use the **REPEAT** function to repeatedly play a certain track (*Repeat 1*) or all tracks in the program (*Repeat All*). You may also press **SKIP FORWARD BUTTON** to go directly to other tracks ahead or use **SKIP BACKWARD BUTTON** to go back to previous track(s) during program playback.
7. To cancel program play, press the **STOP BUTTON** twice during program playback.

Manually Setting The Time:

1. While in standby mode, press and hold "PRESET" to open the "Clock Set" menu.
2. Using the "TU-" & "TU+" buttons as left and right, scroll through to choose either 24H or 12H time format - Press "PRESET" again to confirm format choice and move on to setting the time.
3. Using the "TU-" & "TU+" buttons as left and right, scroll through to choose the hour, pressing "PRESET" to confirm and repeat this again to set the minutes of the clock.
4. Next you will be presented with the "Set Date" menu, again using the "TU-" & "TU+" buttons as left and right, scroll through to first set the year, then month and finally the date pressing "PRESET" to confirm your final choice.

This will return the Zenith Z2 back to standby mode with the clock set to the time and date you have chosen.

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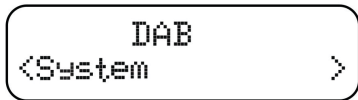
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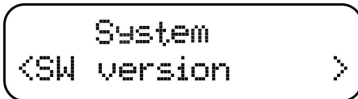
Software Version:

The software display cannot be altered and is just for your reference.

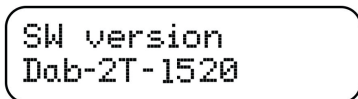
1. To view the software version press and hold the **MENU** to enter the menu and then press **Tuning+ / Tuning-** until "System" is highlighted on the display.



2. Press **Tuning+ / Tuning-** until "SW version" shows on the display.



3. Press **ENTER** button, the software version will appear on the display.



AUX-In:

This player features an AUX-IN jack for connecting your smart-phone, MP3 player or other digital music player.

1. Connect the Aux-in cable (*not included*) from your external device to the AUX IN jack located on the left side of this CD player.
2. Press **SOURCE** button to entry **AUDIO IN** mode once an external device is plugged into the AUX IN jack.
3. Start to play your music from the external audio device.
4. Adjust both volume controls on your CD player and on the external device to your desired level.

USB Operation:

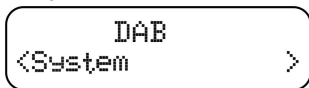
1. Insert the USB drive into the **USB port**.
2. Press **SOURCE** button to transfer the mode to USB. You would see **USB-READING** on LCD display
3. Press **PLAY** button to play.

Factory reset:

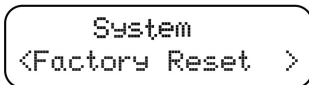
If your radio fails to operate correctly, or some digits on the display are missing or incomplete, it may be possible to restore normal operation by carrying out a system reset on your radio. This will restore the radio's settings to the factory default. No pre-sets will be stored, and the list of DAB 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 **⏪⏩** buttons until the display shows "Settings", then press **SELECT** to enter the settings menu.

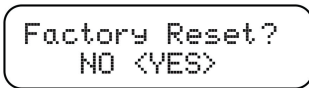


3. Press **⏪⏩** buttons until the display shows "Factory Reset". Press **SELECT**.

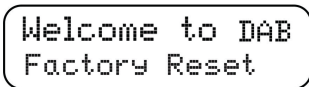


4. If you wish to perform the reset operation, push the **⏪⏩** buttons until "YES" is highlighted on the display and press. A full reset of your radio will be performed. All pre-sets and station lists will be erased.

If you do not wish to reset your radio press **⏪⏩** buttons 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 adaptor): | AC 100-240V, 50/60Hz |
| Battery: | C X6 batteries (1.5V X6) (UM-2). (not included) |
| Frequency Coverage: | |
| FM: | 87.5-108MHz |
| DAB: | 174.928 - 239.200MHz |
| Circuit Features: | |
| Loudspeaker: | 2x 75mm Full-Range Drivers |
| Output power: | 20W (speaker) |
| Earphone socket: | 3.5mm dia. stereo |
| Aerial system: FM: | Telescopic Aerial |
| DAB: | Telescopic Aerial |

1. THIS LABEL IS ATTACHED TO THE PLACE AS ILLUSTRATED TO INFORM THE APPARATUS CONTAINS A LASER COMPONENT.
2. THE WARNING LABEL INFORMING OF RADIATION IS PLACED INSIDE THE UNIT. AS SHOWN IN THE ILLUSTRATION, TO WARN AGAINST FURTHER MEASURES ON THE UNIT. THE EQUIPMENT CONTAINS A LASER RADIATING LASER RAYS EXCEEDING THE LIMIT OF LASER PRODUCT CLASS OF 1.

1



2



CAUTION

INVISIBLE LASER RADIATION WHEN OPEN
ANS INTERLOCKS DEFEATED.
AVOID EXPOSURE TO BEAM

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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