

Horizon 2

USER MANUAL



AZATOM
NEXT GENERATION SOUND



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Thank You for purchasing the Horizon 2 for your home.

To make the most of its features, we suggest reading the instruction manual thoroughly, which includes hints and tips to assist in resolving any problems. Please go through all the safety guidelines before using it and keep this manual for future reference.

Package Contents

Remove all items from the packaging. Retain the packaging. If you dispose of it please do so according to local regulations.

The following items are included:

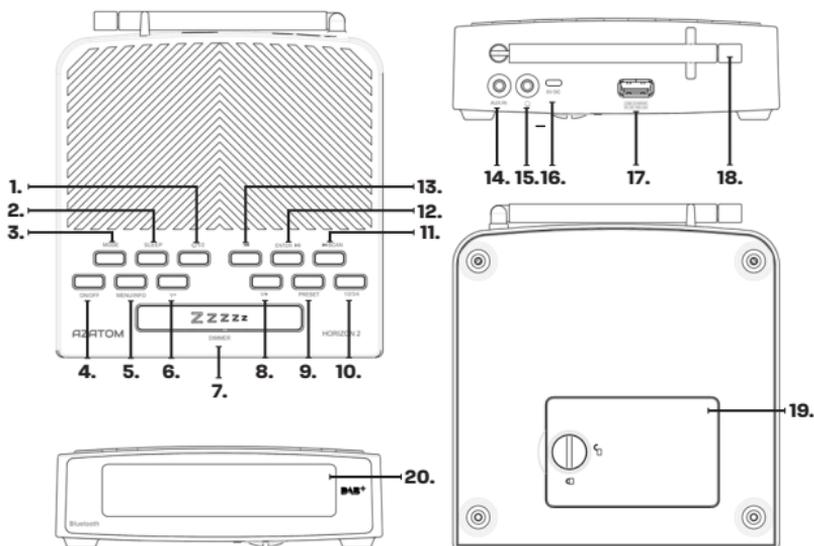
1. Horizon 2 Radio
2. USB Type C Power Adapter
3. User Manual
4. Warranty Card



Please read the manual thoroughly before operating the device

Caution: Only use the supplied power adapter for this device. Do not use for other devices

Controls & Interface



- | | |
|------------------|-------------------------------|
| 1. Alarm 1/2 | 11. Fast Forward/Scan |
| 2. Sleep | 12. Enter/Play/Pause |
| 3. Mode | 13. Rewind |
| 4. On/Off | 14. Aux In |
| 5. Menu | 15. Headphone Port |
| 6. V- | 16. DC input socket |
| 7. Snooze/Dimmer | 17. USB charge port |
| 8. V+ | 18. Telescopic Aerial |
| 9. Preset | 19. Battery Compartment Cover |
| 10. 1/2/3/4 | 20. LED Display |

Battery Operation

1. Remove the battery cover on the bottom of the unit.
2. Install 4 x AAA 1.5V 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.

BATTERY REPLACEMENT

When the output sound of this unit becomes distorted, the batteries are weak. You need to replace all the old batteries at the same time.

Operating Your Radio

1. Extend the Telescopic Aerial.
2. Press the **POWER** button to switch on your radio. The display will show "*Azatom - Digital Radio.*"
3. If this is the first time using the unit, it will go into **DAB Mode** and automatically start an 'Auto Scan' to search for available stations. *(If DAB Mode has been previously utilized, the radio will automatically choose the most recently played station when it is switched back on after being powered off.)*
4. Pressing **SCAN** at any time will automatically scan and store stations. *(During the scanning process, the lower line of the display shows a bar graph indicating progress of the scan.)*
5. When the scan is complete 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.

DAB Radio

Selecting a Station

With your radio powered on, carefully extend the telescopic aerial fully.

1. Press **MODE** to enter "**DAB**" mode.
2. Press the **◀◀** or **▶▶** buttons to cycle through the list of stations and press the **ENTER** button to confirm and play.

Auto Scan

To find new stations you can auto scan as follows.

1. Pressing and holding the **SCAN** button when in DAB mode will automatically scan and store stations.
2. Or Press **MENU**, then press **◀◀** or **▶▶** to highlight "**Auto Scan Now**" and press **ENTER**.
3. 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.

Continued on Next Page

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 ▶▶ buttons.
2. Press **ENTER** to confirm the station selection.
3. When the secondary service shuts down, your radio will automatically switch back to the main radio station if it is available.

DAB Manual Tuning

Manual tuning allows you to tune to the various DAB Band III channels. UK DAB stations located in the range 11B to 12D. This function is mainly used to assist the positioning of the aerial or the radio to optimise reception for a specific channel or frequency.

1. Press **MENU**, then press the ◀◀ or ▶▶ buttons to highlight "*Manual Tune*" and press **ENTER**.
2. Highlight your desired channel frequency with the ◀◀ or ▶▶ buttons and press **ENTER**.
3. The graph will indicate the signal strength, and the upper line will show the name of the DAB multiplex (group of radio stations).
4. Press **ENTER** to return to the normal radio mode.

Dynamic Range Control (DRC)

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 **MODE** to enter “**DAB**” mode.
2. Press **MENU** then press the **◀◀** or **▶▶** buttons until the display shows “**DRC**”. Press **ENTER** to enter the settings menu.
3. Press the **◀◀** or **▶▶** buttons to select the required DRC setting (the default is OFF).

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 sued as sent by broadcaster.

4. Press **ENTER** 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 broadcaster does not support DRC, then the DRC setting in the radio will have no effect.*

Prune

Prune : (To remove stations which are listed but unavailable).

1. In DAB mode, press **MENU**, then press the **◀◀** or **▶▶** buttons until “**Prune**” is highlighted on the display then press **ENTER**.
2. Highlight “**YES**” then press the **ENTER** button to confirm the prune.

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

FM Radio

Selecting a Station

With your radio powered on, carefully extend the telescopic aerial fully.

1. Press **MODE** to enter "**FM**" mode.
2. The frequency of the radio station is displayed in the top left corner of the display.
3. Press and hold the **|◀◀** or **▶▶|** buttons to search to the next available FM station.
4. Press the **|◀◀** or **▶▶|** buttons once to cycle through the list of stations and fine tune the FM frequency by 0.05mHz.

Full Scan

1. Press **MODE** to enter "**FM**" mode.
2. Press the **|◀◀** or **▶▶|** buttons and hold for 2 seconds. Your radio will auto search and stop automatically when it finds the next available station and will play it.
3. You can long press again to fast search the next available station. Continue this until you find the station you require.

Display Settings

Backlight Auto Setting:

You can set the device to dim the screen after a set amount of time to save battery, or for your desired preference.

1. Press **MENU** and press the **◀◀** or **▶▶** buttons until "**Settings**" is highlighted on the display then press **ENTER**.
2. Press the **◀◀** or **▶▶** buttons until "**Backlight**" is highlighted on the display then press **ENTER**.
3. Press the **◀◀** or **▶▶** buttons until "**Backlight Auto**" is highlighted on the display then press **ENTER**.
4. Choose between **10, 20, 30, 45, 60, 90, 120, 180 seconds**, or **On**. Press **ENTER** to set.

Set Brightness:

1. Press **MENU** and press the **◀◀** or **▶▶** buttons until "**Settings**" is highlighted on the display then press **ENTER**.
2. Press the **◀◀** or **▶▶** buttons until "**Backlight**" is highlighted on the display then press **ENTER**.
3. Press the **◀◀** or **▶▶** buttons until "**Backlight Set**" is highlighted on the display then press **ENTER**.
4. Press the **◀◀** or **▶▶** buttons to choose between High, Medium, Low, Sleep Low or Off. Then press **ENTER** to set.

Using Presets

You can save your preferred DAB and FM radio stations to the preset station memories. Your radio has a total of 80 memory presets, with 40 allocated for DAB and 40 for FM. The steps to store presets are the same for both DAB and FM modes.

1. With the radio powered on, Press **MODE** button to choose "**DAB**" or "**FM**" mode.
2. **IMPORTANT:** Make sure the station you want to preset is actually playing.
3. Press and hold the **PRESET** button until you see "**Preset store**" highlighted at top of the screen (not "**Preset Recall**")
4. Press the **◀◀** or **▶▶** buttons to scroll to the desired preset number that you wish to store the station to and press **ENTER**.
5. Once correctly stored, "**Preset 1 Stored**" will display on the screen. The station will be stored under the chosen preset. Repeat this process for any other stations you wish to save.

Note: Stations which have been stored in a preset slot may be overwritten by following the above procedure and selecting a already used slot.

Fast Preset

To fast preset use the numbered button "**1/2/3/4**" on the radio. Play the station you want to save. Press and hold the numbered button until you see "**Preset Stored**". The device will save the stations in order of 1-4.

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Recalling Presets:

1. With the radio powered on, Press **MODE** button to choose "**DAB**" or "**FM**" mode.
2. Press the **PRESET** button to see "**Preset Recall**" not "**Preset Store**"
3. Press the **◀◀** or **▶▶** buttons, scroll along to the desired preset number that you wish to play and press **ENTER**.

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

Fast Preset Recall:

If you have already saved your presets you can choose which one to play with the fast recall buttons.

Pressing **1/2/3/4** at any time will switch the station to your stored preset. You will be only able to access 1-4 in this way, you will need to go into **Preset Recall** to access the other stored stations.

Bluetooth

To pair your device via Bluetooth for the first time:

1. Press **MODE** until "**BT** " is highlighted on the display then press **ENTER**.
2. After a few seconds, the speaker will automatically go into pairing mode.
3. On your Bluetooth device (such as mobile phone) do a search and once available please select "**Azatom Horizon 2**".
4. Once connected, the screen will say "**Bluetooth connected**".
5. You can press the ►|| button on the top of the Horizon 2 to play and pause your music.

Aux - In

Aux-In mode plays audio from an external source such as a smart phone.

1. Plug one end of a 3.5mm audio cable (excluded) into the headphone or line out jack on your player or device, plug the other end of the cable into the unit Aux-In port.
2. Turn on the external audio source and play your device.
3. Press **MODE** button to "**Aux Input**" mode.
4. The volume level can be now controlled through the main unit.

Please ensure the cable is disconnected to listen to the radio in other modes such as DAB and FM.

Sleep Timer

Your radio can be set to turn off after a preset time period has elapsed. The sleep setting can be adjusted from 15 minutes to 2 hours.

1. Press **SLEEP** until "**Set Sleep Time**" is highlighted on the display.
2. Press **SLEEP** continuously to set **15, 30, 45, 60** and **90 Minutes** or **Sleep Off** which will cancel the sleep function.
3. Press **ENTER** to confirm the setting. The sleep timer indicator "  " will show on the display. Your radio will switch off after the pre-set sleep time has elapsed.

Time & Date Settings

If there is no DAB/FM signal is available, you will need to set the time and date manually when turned on for the first time.

1. Press **MENU** and press the **◀** or **▶** buttons until "**Settings**" is highlighted on the display then press **ENTER**.
2. Press the **◀** or **▶** buttons until "**Time/Date**" is highlighted on the display then press **ENTER**.
3. Press the **◀** or **▶** buttons and select "**Set Time/Date**" then press **ENTER**. You can also select the Set Hour System, Set Date Format, Clock Style and Auto Update.
4. Press the **◀** or **▶** buttons to set the correct time and date and press **ENTER** to confirm.

Alarm Settings

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 preset channels (For DAB & FM Source only).

Note: Press MENU at any time whilst setting alarm to go back to previous setting.

1. Press **ALARM1/2** to enter the setting menu.
2. Press **ALARM1/2** to choose between **ALARM 1** or **ALARM 2**. Press **ENTER** to choose either setup.
3. Press the **◀◀** or **▶▶** buttons to set the correct time and press **ENTER** to confirm.
4. Press the **◀◀** or **▶▶** buttons to set the duration of 15, 30, 45, 60, 75, 90 minutes and press **ENTER** to confirm.
5. Press the **◀◀** or **▶▶** buttons to choose between FM, DAB or Buzzer. Press **ENTER** to confirm the source.
6. Press the **◀◀** or **▶▶** buttons choose between Once, Daily, Weekends and Workdays. Press **ENTER** to confirm.
7. Press the **◀◀** or **▶▶** buttons to set the volume to your desired level and press **ENTER** to confirm.
8. Press the **◀◀** or **▶▶** buttons to set the alarm as **ON** or **OFF** and press **ENTER** to save the alarm settings. The display will then return to the regular radio screen. The alarm icon  will be visible in the bottom left of screen indicating that there is an alarm set up.

Important Note: To enable and disable the alarms you can press and hold the alarm button to see the alarm turn Off or On. It will cycle through Alarm 1 then Alarm 2.

Snooze

1. When the alarm sounds, pressing the **SNOOZE** button will temporarily silence the alarm, continue pressing the SNOOZE button to set the time from 5, 10, 15 or 30 minutes.
2. The snooze function has a countdown to see how long before the alarm re-sounds.
3. When the alarm is sounding you can press the **POWER** button once to stop the alarm sound. The radio will then return to Standby mode.

Languages

1. Press **MENU** and use the dial until "*Language*" is highlighted on the display then press **ENTER**.
2. Press the **◀◀** or **▶▶** buttons to cycle through the multiple languages and press **ENTER** to choose the language that you desire.

Earphones

Note: *Earphones are not included with the Horizon 2 Radio*

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

FM Stereo/Mono (Earphones only)

Use this if a FM station being received has a weak signal and some distortion is audible (especially when listening using earphones).

1. Press **MENU** and press the **◀◀** or **▶▶** buttons until "**Audio Setting**" is highlighted on the display then press **ENTER**.
2. Highlight "**Forced Mono**" then press **ENTER**.
3. To return to stereo mode, press the **◀◀** or **▶▶** buttons until "**Audio Setting**" is highlighted then press **ENTER**.
4. Finally highlight "**Stereo**" and press **ENTER**. Your radio will switch to stereo mode.

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

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. This will restore the radio's settings to their factory defaults. 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 carry out this procedure.

Note: *All your presets will be erased throughout this procedure*

1. Press **MENU** and press the |◀◀ or ▶▶| buttons until "**Settings**" is highlighted on the display then press **ENTER**.
2. Press the |◀◀ or ▶▶| buttons until "**Factory Reset** " is highlighted on the display then press **ENTER**.
3. If you wish to perform the reset operation, highlight "**YES**" on the display and press **ENTER**. A full reset of your radio will be performed, All preset stations & station lists will be erased.

If you do not wish to reset your radio highlight "**NO**" and press **ENTER** to confirm. Your radio will return to the previous menu.

4. After a system reset a scan of the DAB band will be automatically performed.

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 power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.)*
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.

If any battery is included it shall not be exposed to excessive heat such as sunshine, fire or the like.W

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.



Specifications

Power requirement mains (via adaptor): AC 100-240V 50/60Hz

DC 5V 500mA

Battery: AAA x 4 (1.5V x 4) alkaline battery

Frequency Coverage

FM: 87.5-108MHz

DAB: 174.928 - 239.200MHz

Circuit Features:

Loudspeaker: 3.0 inch

Output power: 3W (speaker)

Earphone socket: 3.5mm stereo



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