

AZATOM®

Desire X2

DAB, DAB+, FM Radio with Bluetooth



SPEAKER



AUX IN & OUT



DUAL ALARMS



DIGITAL RADIO



MAINS POWER



BATTERY POWER



BRIGHTNESS



60 PRESETS



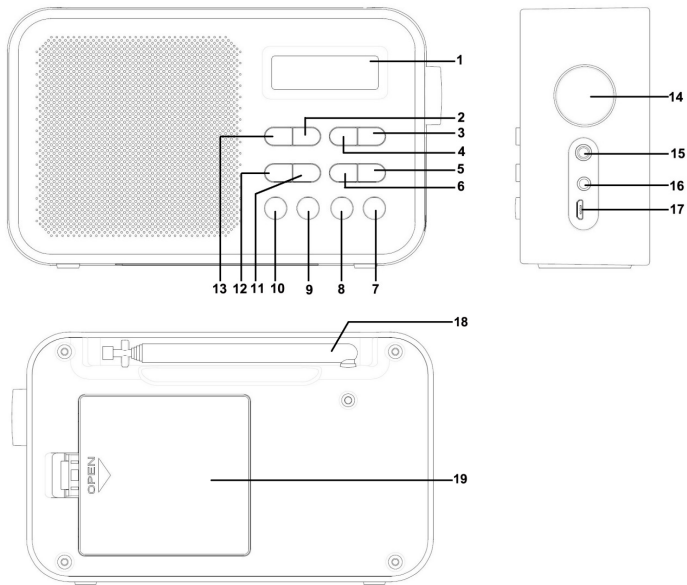
User Manual

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

What's in the box

- Desire X DAB Radio
- User Manual
- Power Adapter
- Warranty Card

Controls & Interface



1. Display

2. Menu

3. Power

4. Mode

5. TUN+

6. TUN-

7. 5/6

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12. Scan/Play/Pause

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**14. Snooze/Select/
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15. 3.5mm Earphone

16. Aux Port

17. DC In Socket

18. Telescopic Aerial

19. Battery Cover

Getting Started

INTRODUCTION:

Please take some time to read the manual before using the Desire X2 radio.

Choose a suitable location for the radio.

Make sure there is suitable ventilation for the device!

If necessary, remove the protective plastic protective sheet from the display.

Power supply (Adapter):

Insert the mains adaptor plug into your home AC socket. Connect the other end of the cable(Type-C USB) into the 5V/1000mA port on the device.

CAUTION:

Only use the supplied power adapter for this device.

NOTE:

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

Battery Operation

- 1- Remove the battery cover on the bottom of the unit.
- 2- Install 4 x DC1.5V "AA" (UM-3) 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- Carefully 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 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 radio will automatically select the previously played station).
- 4- Press **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 and found number of stations.
- 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 before it reverts to displaying the time. You can press the **Menu** button twice to display the radio name again whilst its playing.
- 2- Press the **TUN-/TUN+** button to choose from 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 **MENU** button until the display shows "settings".
- 2- Press **TUN+** button until you see "Full scan".
- 3- Press **SELECT** button. The display will show "Scanning..." as your radio performs a scan. As new radio stations are found they will be added to memory

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 when you press the **TUN+** buttons.
- 2- Press **SELECT** to choose the station.
- 3- When the secondary service shuts down, your radio will automatically switch back to the main radio station if it is available.

Manual Tuning – DAB

Manual tuning allows you to tune your radio to a particular DAB frequency in Band III. This function is mainly used to assist the positioning of the aerial or the radio to optimise reception for a specific channel or frequency and see the signal strength on your display.

- 1- When in DAB mode, press **MENU**.
- 2- Press **TUN+** button to Choose "Manual tune"
- 3- Choose the required DAB channel / Frequency. Press **ENTER**.
When the radio has searched, the display will show the channel number with frequency(MHz) and the name of the multiplex found(if any). A bar graph shows the signal strength. Any new stations found will be added to the list already stored in the radio.
- 4- Press **TUN+** to choose a different frequency.
- 5- Press **MENU** to go back to the main menu.

Auto Search Tuning - FM

- 1- Press **MODE** to enter FM mode.
- 2- Press **SCAN**. Your radio will scan and save any stations with a strong signal in its memory. After the search is complete the display will show the frequency and play the first available station.
- 3- Press and hold the **TUN+** button until the it starts to auto search. The search will stop and play the next available saved station.

Manual Tuning - FM

- 1- Press **MODE** button to select FM mode.
- 2- Press **TUN+** button to tune to a station. With each press of **TUN+** the frequency will change by 50 kHz to help fine tune each station for best reception.

Prune - DAB

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

- 1- In **DAB MODE**, press **MENU**.
- 2- Press **TUN+** to find "Prune", press **SELECT** button to enter the Prune option.
- 2- Press **TUN+** to find "YES". Press **SELECT** button to confirm to prune. **Note: this removes all the invalid stations indicated in the station list with a "?" in front of the station name.**

Preset Stations – FM and DAB

You may store your preferred DAB and FM radio stations to the preset station memories. There are 80 memory presets in your radio, 40 for DAB and 40 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:

- 1- 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 for 2 seconds until you see “**Preset store**” not “**Preset Recall**”
- 4: Press **TUN+** to choose which number preset you want to save your station into (Presets 1 to 40).
- 5- Press **SELECT** to confirm and store the playing station in your chosen preset number (1 to 40). For example, “**Preset 01 stored**”. Repeat this procedure.
- 6- **FAST PRESET** for number buttons 1/2, 3/4 and 5/6. Play the station you want to **PRESET**. Press and hold the numbered button until you see “**Preset stored**”. You can choose any of the preset number buttons. The maximum number of presets you can save this way is 6.

Recalling Presets

- 1- Press **MODE** to choose “**DAB OR FM**” Mode.
- 2- Press once the **PRESET** button to see “**Preset Recall**” not “**Preset Store**”
- 3: Press **TUN+** to choose which number preset (**1 to 40**) you want to play from favourite presets.
- 4: Press **SELECT** button to play that station.

Note: If you have previously saved presets in numbers 1 to 6. You can fast recall these stations by just simply pressing buttons “**1/2 or 3/4 or 5/6**” depending on which preset you want to play.

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 **SLEEP** button to set sleep time.
- 2- Continue to press **SLEEP** button until you find the desired sleep time of **15, 30, 45, 60 and 90 minutes** or **SLEEP OFF** which will cancel the sleep function.
- 3- Press **SELECT** to confirm the setting. The sleep timer indicator will show after 10 seconds. Your radio will switch off after the selected preset sleep time has elapsed.

Backlight Setting

As default, when no buttons are pressed for 45 seconds, the display brightness will dim down to save the battery life if they are used. You can turn off the auto dim in settings.

To set the backlight to never dim,

1. Press the **MENU** button to find "settings" menu. Press "**SELECT**".
2. Use the dial or press **TUN+** until you see "Backlight" on the display. Press **SELECT**
3. Choose "**Backlight Auto**" and press **SELECT**.
4. Choose between **ON, 10,20,30,45,60,90,120 and 180 seconds** for auto dim. If you choose **ON** the display will stay on all the time.

Time/Date Setting

- 1- Press **MENU** to enter the “settings” menu. Press **SELECT**.
- 2- Use the dial or press **TUN+** until you see “Time/ Date” on the display. Press **SELECT**
- 3- Use the dial to set the time. After each setting process, hours, minutes, day, month and year press select to confirm each one.

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 preset channels.

- 1- Press **ALARM** to entry the alarm setting menu, press **ALARM** again to choose “**ALARM 1**” or “**ALARM 2**”.
- 2- Use the dial or press **TUN+** to set the alarm time and press **SELECT** to confirm.
- 3- Use the dial or press **TUN+** to set the duration “**15, 30, 45, 60, 90**” minutes and press **SELECT** to confirm.
- 4- Use the dial or press **TUN+** to set the alarm source (**FM, DAB, Buzzer**) and press **SELECT** to confirm.
- 5- If you choose “**DAB**” or “**FM**” for the alarm sound source and you have presets already stored, you can choosed between last played station or one of your stored presets.
- 7- Use the dial or press **TUN+** to set days you want the alarm to sound from “**Once / Daily / Weekdays / Weekends**”.
- 8- Use the dial or press **TUN+** to set the alarm volume and press **SELECT** to confirm.
- 7- Use the dial or press **TUN+** to set the Alarm “**ON or OFF**”.

Snooze - Stop Alarm

- 1- When the alarm sounds, pressing the **SNOOZE** button will temporarily silence the alarm, you can choose the time from "5, 10, 15 and 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 the **ALARM** button one time to stop the alarm sound. The radio will then return to Standby mode.

Disable / Enable Alarm:

If you want to disable or Enable the alarm at any time you can do the following. Press and hold down the alarm button until it says either "Alarm 1 ON", "Alarm 1 OFF", "Alarm 2 ON", "Alarm 2 OFF", "Alarm 1/2 ON", "Alarm 1/2 OFF".

AUX-IN

Aux-in mode plays audio from an external source such as a smart phone or tablet.

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

Notes:

If you're connected to the Line out Jack of your external device, then you only need to adjust the volume control of this unit. If you're connected to the Headphone Jack of your external device, then you may need to adjust both the volume control of your external device and the volume control of this unit to find the most desirable volume setting.

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

Earphones (NOT INCLUDED)

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

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.

Bluetooth

To pair your device via Bluetooth for the first time:

- 1- Select the BT mode by pressing the **MODE** button to see "BT"
- 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 Desire X2".
- 4- Once connected, the screen will say "Bluetooth connected".

Languages

- 1- Press **MENU** button to "Settings". Press **SELECT** to enter settings.
- 2- Scroll through the settings menu to find the language options.
- 3- Select which language you require from: English, Deutsch, Italiano, Francais, Espanol.

Technical Specifications

Power requirement mains: AC 100-240V 50/60Hz DC 5V 1000mA

Battery: AA X 4 batteries (1.5V X 4) (UM-3)(not included).

Frequency Coverage:

FM: 87.5-108MHz

DAB: 174.928 - 239.200MHz

Circuit Features:

Loudspeaker: 3.0 inch Driver

Earphone socket: 3.5mm dia. stereo

Aerial system: Telescopic Aerial

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 operation on your radio. This will restore the radio's settings to their factory defaults. No presets 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 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 "settings". Press SELECT.
- 2- Choose " Factory reset". Press SELECT.
- 3- Choose YES. Press SELECT.
- 4- After a system reset an auto scan for stations will start.



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