

AZATOM®

Pearl P100

Shower DAB & FM Radio with BT - Water resistant

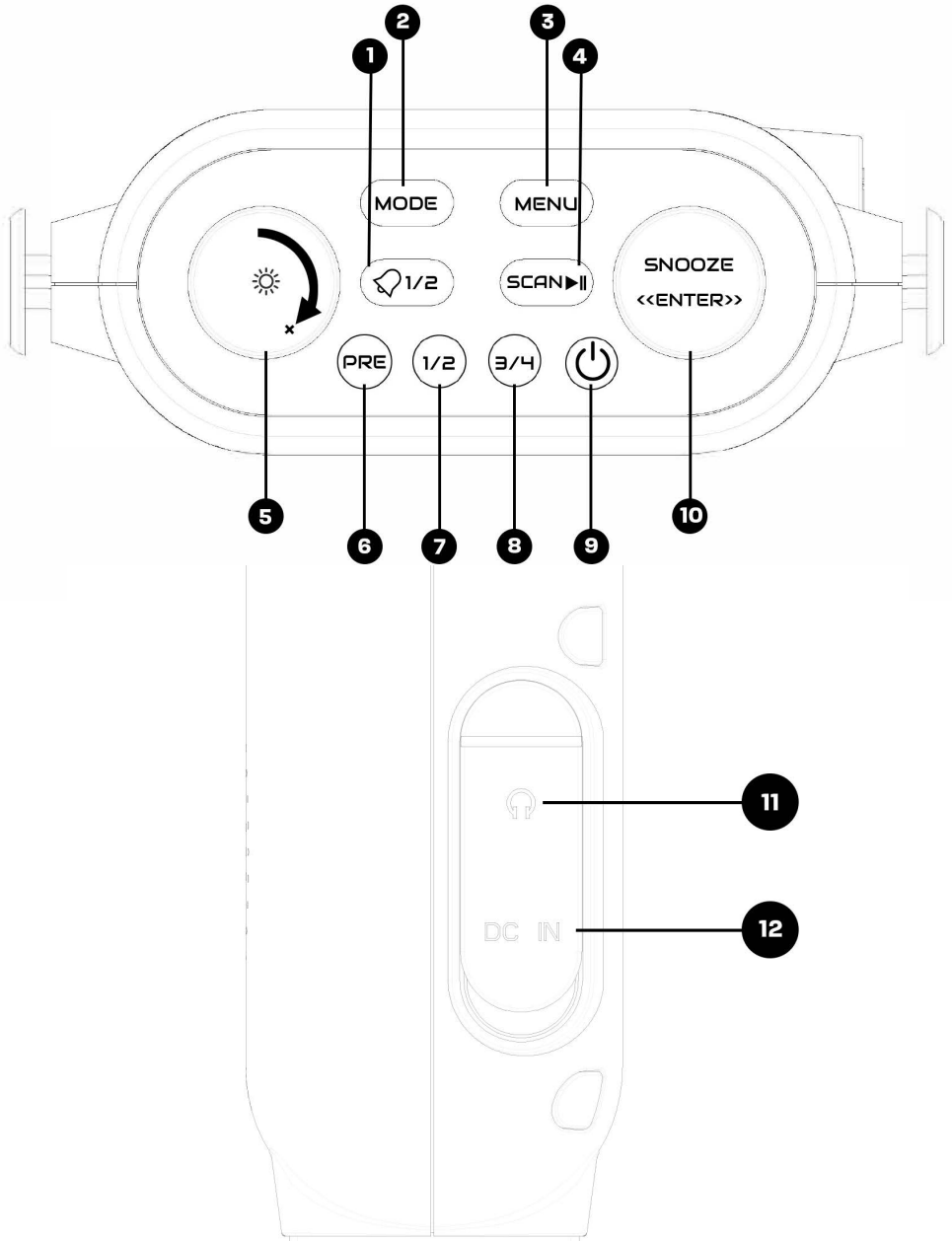


User Manual



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

Controls & Interface



Product Key

1. Alarm 1/2
2. Mode: DAB / FM / BT
3. Menu
4. Scan / Play/ Pause
5. Volume / Dimmer
6. Preset
7. Preset 1/2
8. Preset 3/4
9. Power ON/OFF
10. Enter / Snooze / << >>
11. Headphones
12. DC 5V In (USB Type C)

What's in the box

- Pearl P100
- User Manual
- Warranty Card
- Power Adapter
- Reset Pin

Using the Pearl P100

Operating your radio - DAB:

1- The Antenna is built into the handle. Be careful to only take the handle off from one side if you need to hang the radio somewhere.

2- Press and hold 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. *(If DAB Mode has been used before, the radio will automatically select the previously played station).*

4- Press **SCAN** button at any time will start an auto scan. During the scanning process, the lower line of the display shows a bargraph 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 for 10 seconds before it reverts to the time.

2- Use the <</>> dial to go through the list of available stations on the lower line of the display. Press the **ENTER** button to play the chosen station from the list.

Finding new radio stations - DAB:

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

- 1- Press **MENU**, the display will show "**Settings**".
- 2- Turn </> dial to find "**Full scan**". Press **ENTER**.
- 3- The display will show "**Scanning...**" 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.

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- USE </> dial to find "**Manual tune**" Press **ENTER**.
- 3- Use the right dial to find 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 on the scanned DAB multiplex will be added to the list already stored in the radio.
- 4- Turn the </> dial to choose a different frequency.
- 5- Press **MENU** to go back to the main menu at any time

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 **MENU**. Use <</>> Dial to find “**DRC**”, and press **ENTER**.

2- Use <</>> dial to select the 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 is sent by broadcaster.

DRC HIGH - DRC level is used as what is sent by broadcaster.

3- Press **MENU** to confirm the setting. The display will return back to normal.

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- Turn <</>> dial and hold to auto search and play the next available saved station.

Manual Tuning - FM:

1- Press **MODE** to enter FM mode.

2- Turn <</>> dial once. With each turn of <</>> dial the frequency will change up or down by 50 kHz to help fine tune a station.

3-Turn <</>> dial and hold will start an auto search to find next available FM station. It will stop and play the next station available.

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

1- In **DAB MODE**, press **MENU**.

2- Turn <</>> dial to find **"Prune"**, press **ENTER** to confirm.

3- Turn <</>> dial to find **"YES"**. Press **ENTER** 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.**

Presets

Presetting 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:

IMPORTANT: Make sure the station you want to preset is actually playing.

1- Press and **HOLD** the **PRESET** button for 2 seconds until you see **"Preset store" not "Preset Recall"**

2- Turn <</>> dial to choose which number preset you want to save your station into (**1 to 40**).

3- Press **ENTER** to confirm and store.

For example, **"Preset 01"stored"**. Repeat this procedure as needed.

Fast Preset

TO FAST PRESET(RADIO). Use the numbered buttons **"1/2 and 3/4"** on the radio. Play the station you want to Preset. Press and hold the numbered button **"1/2 or 3/4"** 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 4.

Recalling Presets:

- 1- Press once the **PRESET** button to see ***"Preset Recall" not "Preset Store"***
- 2- Use the <</>> dial to choose which number preset (**1 to 40**) you want to play from your stored preset stations.
- 3: Press **ENTER** to play that station.

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

Sleep

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** button to show **"Settings"** Press **ENTER**.
- 2- Turn <</>> dial to find **"Set Sleep Timer"**. Press **ENTER**.
- 3- Turn <</>> dial to set the desired sleep time from **15, 30, 45, 60** and **90** minutes or **SLEEP OFF** which will cancel the sleep function
- 4- Press **ENTER** to confirm the setting. The sleep timer indicator will show on the display. Your radio will switch off after the preset sleep time has elapsed.

Brightness / Time / Date

Brightness Setting:

Press the **DIMMER** button for Three levels of brightness: **High, Medium, Low.**

Backlight Setting:

At any time you can change the backlight to auto dim or stay ON in the "settings". Auto Dim can be used to save battery charge.

- 1- Press **MENU** to show "**Settings**" Press **ENTER**.
- 2- Turn <</>> dial to show "**Backlight**". Press **ENTER**.
- 3- Turn <</>> dial to show "**Backlight Auto**" Press **ENTER**.
- 4- Turn <</>> dial to select auto dim time from **10, 20, 30, 45, 60, 90, 120, 180 seconds or OFF**. The LCD would dim down after the setting time.

Time/Date Setting:

In DAB mode, the time would update automatically, so you will not need to manually set the time/date.


Manual set Time/Date:

- 1- Press **MENU** to show "**settings**" Press **ENTER**.
- 2- Turn <</>> dial until "**Time/Date**" is highlighted. Press **ENTER**.
- 3- Press **ENTER** again to set "**Time/Date**".
- 4- Turn <</>> dial to set hours/minutes/day/month/year. Press **ENTER** after each one to confirm and move to next stage.
- 5- You can set "**Auto update**" time from "**DAB or FM**"(DAB is recommended).
- 6- "**12/24 hours**" and "**date**" format can be changed as well.











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 favorite preset channels.

- 1- Press  **1/2** button to enter the setting menu. Turn <</>> dial to choose **ALARM 1** or **ALARM 2** to set. Press **ENTER**.
- 2- Turn <</>> dial to set alarm hours. Press **ENTER** to confirm hours.
- 3- Turn <</>> dial to set alarm minutes. Press **ENTER** to confirm.
- 4- Turn <</>> dial to set duration of alarm from **15, 30, 45, 60, 75** or **90** minutes. Press **SELECT** to confirm.
- 5- Turn <</>> dial to set the alarm source (**DAB, FM, BUZZER**). Press **ENTER** to confirm.
- 6- Turn <</>> dial to set the days on which the alarm is active (**Once / Daily / Weekdays / Weekends**). Press **ENTER** to confirm.
- 7- Turn <</>> dial to set the alarm volume. Press **ENTER** to confirm.
- 8- Final, Turn <</>> dial to choose Alarm **ON** or **OFF**. Press **ENTER** to save your alarm settings.

Disable Alarm when not required: *See icons on right side of display*

- 1: First Long Press  **1/2** enables Alarm 1. See icon  display.
- 2: Long Press again  **1/2** disables Alarm 1. See no icon display.
- 3: Long Press again  **1/2** enables Alarm 2. See icon  display.
- 4: Long Press again  **1/2** disables Alarm 2. See no icon display.
- 5: Long Press again  **1/2** enables Alarm 1&2. See icons   display.
- 6: Long Press again  **1/2** disables Alarm 1&2. See no icons display.

Stop Alarm when sounding:

When the alarm is sounding you can press  **1/2** button one time to stop the alarm sound. The radio will then return to Standby mode.

Snooze

- 1- When the alarm sounds, pressing the **SNOOZE** button will temporarily silence the alarm, you can choose the time from **5, 10, 15, 30 minutes or off**.
- 2- The snooze function also has a countdown allowing you to see how long before the alarm re-sounds.

Bluetooth

To pair your device via Bluetooth for the first time:

- 1- Select the "**BT**" mode by pressing the **MODE** button.
- 2- After a few seconds, the speaker will automatically go into pairing mode.
- 3- On your Bluetooth device do a search and once available please select "**Azatom Pearl**".
- 4- Once connected, the screen will say "**BT connected**".
- 5- You are ready to start streaming via Bluetooth.

Play your music on your Bluetooth device(mobile phone) and listen on the Pearl P100. Whenever the Bluetooth Mode is selected on the Pearl P100 it will automatically go into pairing mode and either pair with the last paired device (if in range) or be available for pairing to a new device.

Earphones

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 when wearing your earphones. Excessive sound pressure from earphones can cause hearing damage.

Languages

- 1- Press **MENU** button, to show "Settings". Press ENTER.
- 2- Turn <</>> dial to show " Languages" Press ENTER.
- 3- Select which language you require from: English, Deutsch, Italiano, Francais, Espanol.

Technical Specifications

Power requirement (via adapter USB-C)

AC 100-240V 50/60Hz DC 5V 1000mA

Battery capacity: 2500mAh

Frequency Coverage:

FM: 87.5-108MHz

DAB: 174.928 - 239.200MHz

Circuit Features:

Loudspeaker: 2.5 inch

Max Output power: 20watts

Earphone socket: 3.5mm dia. stereo

Aerial system:

Built-in Antenna (Handle).

Reset

Factory reset to default settings:

- 1- Press **MENU** button to show "**Settings**". Press **ENTER**.
- 2- Turn the <</>> dial to find "**Factory Reset**" Press **ENTER**.
- 3- If you wish to perform the reset operation, turn the dial until "**YES**" is highlighted. Press **ENTER**.
- 4- A full reset of your radio will be performed. All presets and station lists will be erased.
- 5- If you do not wish to reset your radio. Turn <</>> dial until "**NO**" is highlighted. Press **ENTER**. Your radio will return to the previous menu.
- 6- After a system reset and a fresh scan of the DAB band will be performed.

If your Pearl does not respond and none of the buttons are working you can do a Full restart.

There is a button located inside the headphone port. Push the pin provided into the headphone port until you hear a click or feel the button press. The radio will power off and restart.

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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