AZATOM Multiplex D2 User Manual

AZATOM®

Multiplex D2
DAB, DAB+, FM Retro Radio with BT Wireless Audio

User Manual

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

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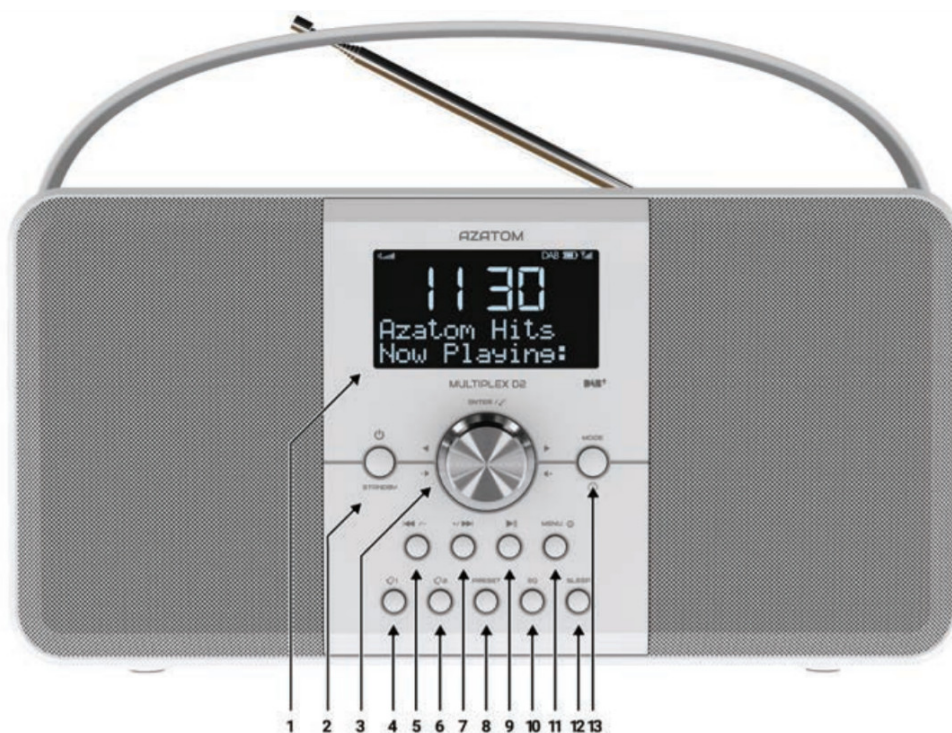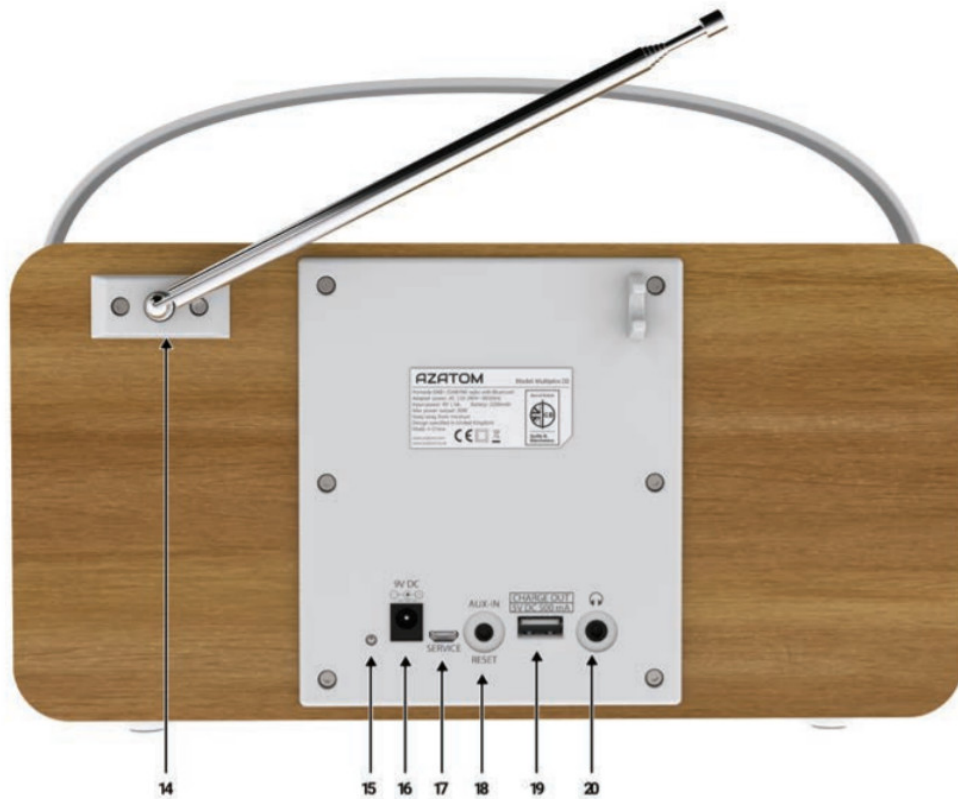
What's in the box:

- AZATOM® Multiplex D2 Digital Radio
- Power Adapter
- Audio Cable
- User Manual
- AZATOM® Warranty Card

Using the Multiplex D2:
Power supply (Adapter):
Insert the adapter plug into your AC socket. Connect the output into the DC 9V jack of the device.
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 the mains power supply during longer periods of non-use.

Charging the battery:

Before you can operate the device with the battery, you need to charge it first.
Connect the device to a wall socket with the power adaptor. The battery charging, the "GREEN" indicator lights up.
Once the battery has been charged completely, the charging indicator lights up "RED".
CAUTION: Never leave the device unattended during the charging process.
NOTE: The duration of the charging process depends on the state of charge of the battery.

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 Multiplex D2 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 the 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 Fast Forward or Rewind 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:

1. Press the or the display will show "Auto Scan Now"
2. Press the or until the display shows "SCAN"
3. Press "SCAN" for the auto scan. The display will show "Scanning…" and your radio will perform a scan of the Band III DAB channels.

Secondary services – DAB:

1. Some radiostations 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 FastForward or Rewind buttons.
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 Fast-forward or Rewind until "Auto Scan On" shows on the display.
3. Press SELECT to confirm the selection. When tuning your radio, it will now automatically select a station from the station list.

Manual Tuning – DAB:

1. Press MENU and Fast-Forward or Rewind until the display shows "Manual Scan" press SELECT to enter the Services Menu.
2. Press Fast-forward or Rewind 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 on 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 Fast-forward or Rewind until "DRC" is highlighted.
4. Press SELECT to enter the adjustment mode.
5. Press Fast-forward or Rewind 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. Extend the aerial and power on the D2
2. Press MODE to enter FM mode.
3. Press the 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 the 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 Fast-forward or Rewind to tune to a station. With each press of tuning the frequency will change up to 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 the scan is complete.

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

1. Under DAB MODE, press the MENU button and then Press Fast-forward or Rewind to show the sub-menu: Prune, press ENTER button to enter the Prune option.
2. Press Fast-forward or Rewind to select "Yes" and 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.

Equalizer Setting, Bass/Treble:

1. Enter Menu and scroll with the dial to settings.
2. In settings go to Equalizer and select.
3. You will see Bass and Treble as options to change the range from -7 to +7

Preset Stations – FM and DAB:

1. Press the ON/OFF button to switch on the radio.
2. Select the desired waveband.
3. Tune to the required station as previously described.
4. Press the PRE-SET button and hold it to enter the pre-set store, and then press it 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 that 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 preset memory.
   Note: If you have not previously stored a preset 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.

Back-light Setting:

1. To set the back-light to never dim, press the MENU to enter the menu and the Press Fast-forward or Rewind until "Settings" is highlighted on the display.

2. Press SELECT to enter the settings menu.

3. Press Fast-forward or Rewind until "Set Backlight" is highlighted on the display.

4. Press Fast-forward or Rewind to set the time 10, 20, 30, 45, 60, 90, 120, 180 or 300 seconds, the LCD would dim 1/2 after the setting time or select ON is highlighted, the back-light would never dim.

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 preset sleep time has elapsed.

Time/Date Setting:

1. Press MENU to enter the settings menu.

2. Press Fast-forward or Rewind until "Settings", press SELECT to confirm.

3. Press Fast-forward or Rewind until "Set Time/Date" is displayed, press SELECT to confirm. Use Fast-Forward or Rewind to set the time AUTO UPDATE 12/24 hours, and date format as well.

4. Press Fast-forward or Rewind 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 the last station used or one of your favorite pre-set channels.

1. Press ALARM 1/2 to enter the setting menu, press ALARM 1/2 again to choose ALARM 1 or ALARM

2. Press Fast-forward or Rewind to set the alarm time and press SELECT to confirm.

3. Press Fast-forward or Rewind to set the duration 15, 30, 45, 60, 90 minutes, and press SELECT to confirm.

4. Press Fast-forward or Rewind 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 the last station listened to or choose from your favorite pre-set channels 01 to 30 Press Fast-forward or Rewind to scroll between the last listened and pre-set channels.

6. Press Fast-forward or Rewind to set the Once / Daily / Weekdays / Weekends, choose the days on which the alarm is active.

7. Press Fast-forward or Rewind to set the alarm volume and press SELECT to confirm.

8. Press Fast-forward or Rewind and SELECT to save the alarm setting.

9. Then you can see the alarm icon on the LCD display

10. Press ALARM 1/2 long time to cancel the alarm setting.

AUX-IN:

1. Plug on the end of the 3.5mm audio cable (excluded) into the headphone or line out jack on your player, plug

the other end of the cable into the unit AUX-IN jack on the back of the unit.

2. Turn on the external audio source and play your device.

3. Press the MODE button to "AUXILIARY INPUT" mode.

4. The volume level can be now controlled through the main unit. Operate all other functions on the external device as usual.

Notes: Please ensure the cable is disconnected to listen to the Multiplex D2 in other modes such as DAB or BT Wireless Audio.

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 Multiplex D2 will then return to STANDBY MODE.

Disable Alarms:

How to disable your Alarm 1 or 2 once you have set them:

- Press and hold for 2 seconds "ALARM 1" once for Alarm 1 on
- Repeat Press and hold "ALARM 1" for 2 seconds for Alarm 1 off
- Press and hold for 2 seconds "ALARM 2" once for Alarm 2 on
- Repeat Press and hold "ALARM 2" for 2 seconds for Alarm 2 off

BT Wireless Audio:

To pair your device via BT Wireless Audio for the 1st time:

1. Select the BT Wireless Audio MODE by pressing the MODE button.

2. After a few seconds, the screen will then say "BT SEARCHING" and the speaker automatically goes into pairing mode.

3. On your BT Wireless Audio Device do a search and once available please select "Multiplex D2".

4. After 5-20 seconds the screen will say "BT connected".

5. You are ready to start streaming via BT Wireless Audio. Play any sound on your BT Wireless Audio device and listen to the speaker.

Whenever the BT Wireless Audio Mode is selected, the Multiplex D2 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 (NOT INCLUDED):

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.

Factory reset:

1. Press MENU to enter the menu.
2. Press Fast-forward or Rewind until the display shows "Settings", then press SELECT to enter the settings menu.
3. Press Fast-forward or Rewind 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 Fast-forward or Rewind 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 DC 9V 1.5A
Battery:	2000mAh battery

Frequency Coverage:

FM:	87.5-108MHz
DAB:	174.928 – 239.200MHz
Circuit Features:	
Loudspeaker:	3.5-inch x 2
Output power:	30W Max
Earphone socket:	3.5mm dia. stereo
Aerial system: FM: Telescopic Aerial DAB: Telescopic Aerial	

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VISIT: **WWW.AZATOM.COM/WARRANTY**

Documents / Resources

	AZATOM Multiplex D2 [pdf] User Manual AZATOM, Multiplex D2, DAB, DAB, FM Retro Radio, BT Wireless Audio

References

- 🗎 **AZATOM | Best of British Audio Electronics**
- 🗎 **Terms & Conditions | Best of British Audio Electronics**

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