

RANGER

DAB+ & FM Construction Site Radio



DAB+ Radio



FM Radio



Equaliser



USB



Rechargeable
Battery



Dual Alarms



Bluetooth
Connectivity



Aux In



Construction
Ready



AZATOM
NEXT GENERATION SOUND



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Thank You for purchasing the Ranger 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. Ranger DAB Radio
2. Mains Power Adapter
3. User Manual
4. Warranty Card

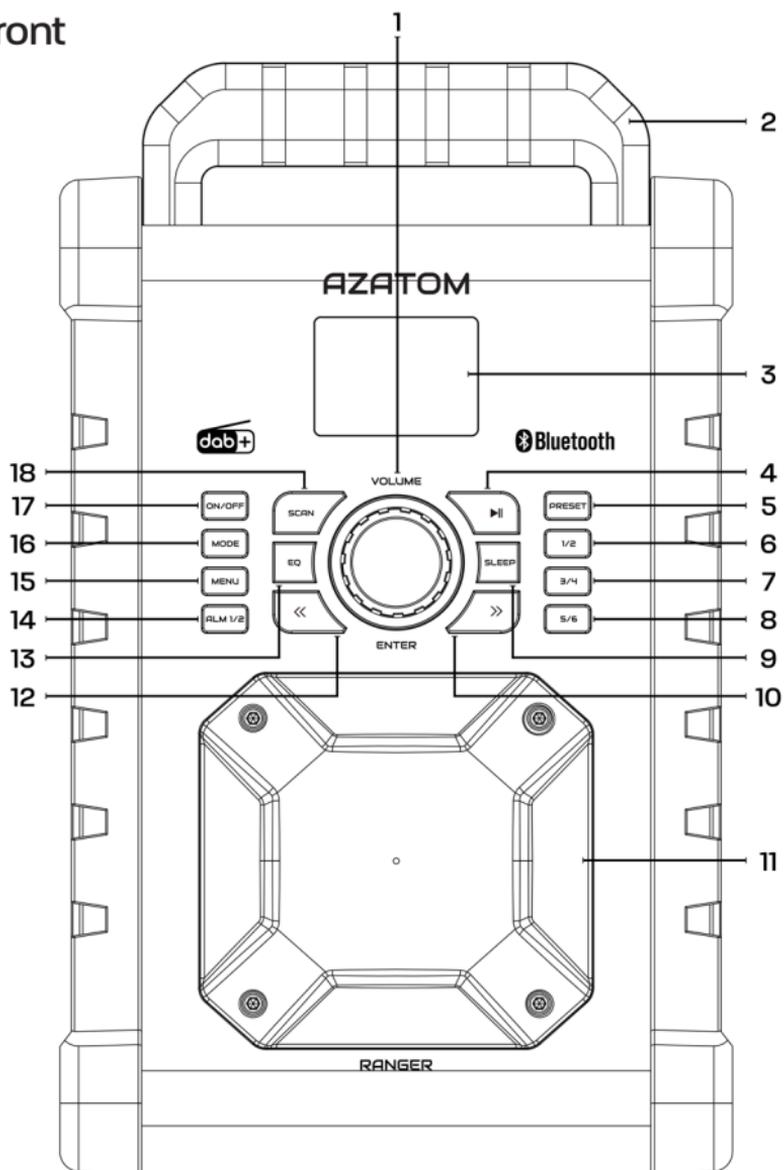


Please read the manual thoroughly before operating the device

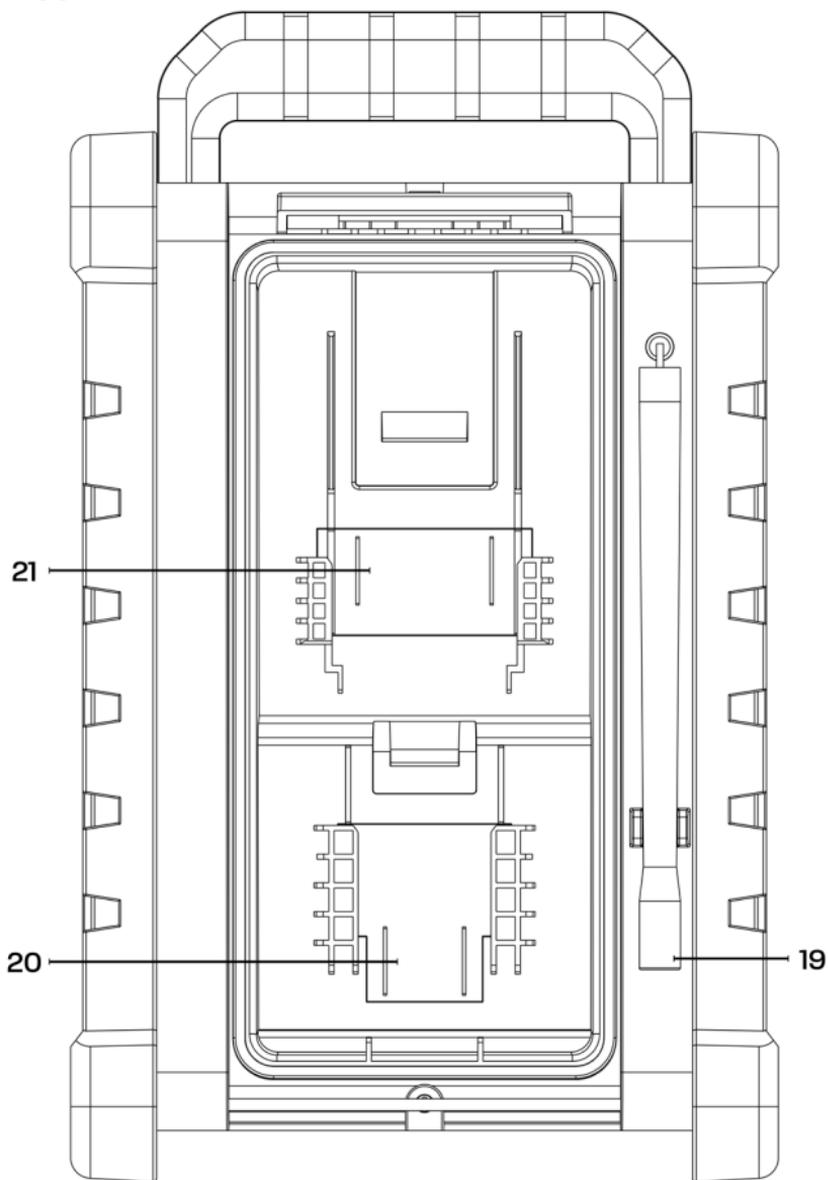
Caution: Only use the supplied power adapter for this device. Do not use for other devices

Controls & Interface

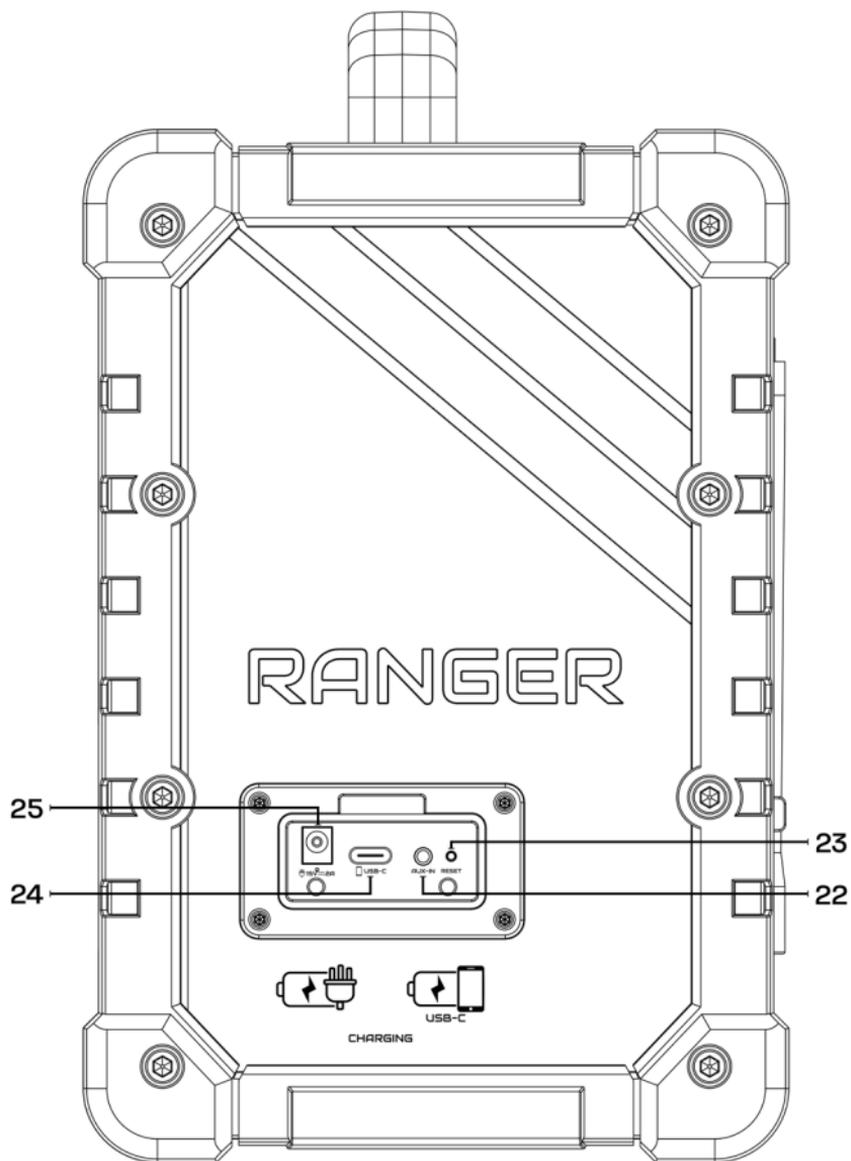
Front



Rear



Side



1	Enter / Volume Dial	2	Handle
3	LCD Screen	4	Play / Pause
5	Preset	6	Preset 1 / 2
7	Preset 3 / 4	8	Preset 5 / 6
9	Sleep	10	Right Arrows
11	Speaker	12	Left Arrows
13	Equaliser	14	Alarm 1 / 2
15	Menu	16	Mode
17	On / Off	18	Scan
19	Aerial	20	DeWalt Battery Port
21	Makita Battery Port	22	Aux In Port
23	Reset Button	24	USB-C Phone Charging
25	Power Port		

Power Options

This construction site radio can operate using DeWalt batteries, Makita batteries, or a UK mains plug.

USING DEWALT OR MAKITA BATTERIES

1. Remove the battery compartment cover located on the back of the unit.
2. Insert a compatible DeWalt or Makita battery into the battery slot, ensuring it is fully seated and clicks into place.
3. Replace and secure the battery compartment cover.

IMPORTANT:

- Only use genuine or approved DeWalt or Makita battery packs
- For best performance, use fully charged battery packs.

USING MAINS POWER (UK PLUG)

1. Connect a standard UK plug power cable to the AC input on the radio.
2. Plug the cable into a suitable mains outlet.
3. The radio will operate from mains power and will not use the installed battery while plugged in.

CAUTION

- Do not force incompatible battery models into the compartment.
- Remove the battery from the radio if it will not be used for an extended period.

BATTERY REPLACEMENT / LOW BATTERY INDICATION

- If the radio output becomes distorted, weak, or the unit powers off unexpectedly, the installed battery pack may need recharging or replacing.
- Recharge the battery using the appropriate DeWalt or Makita charger.
- Replace the battery pack if it no longer holds sufficient charge.

Operating Your Radio

1. Extend the Aerial.
2. Press the **ON/OFF** button to switch on your radio. The display will show "*Hello from Azatom.*"
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, lift the aerial straight up.

1. Press **MODE** until "**DAB**" is highlighted on the display.
2. The top line of the display shows the name of the station currently selected.
3. Press the << or >> buttons to cycle through the list of available stations and press **ENTER** to tune into that station.

AUTO SCAN

To find new stations you can auto scan as follows.

1. Pressing **SCAN** at any time will automatically scan and store stations.
2. Or Press **MENU**, then turn dial to highlight "**Full Scan**" 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 turn the dial.
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 Scan

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 turn dial to highlight “*Manual Tune*” and press **ENTER**.
2. Using the dial, highlight your desired channel frequency 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). Any stations found will be added to the stored list in the radio.
4. Press **ENTER** to return to the normal radio mode.

Prune

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

1. In DAB mode, press **MENU** and turn the dial until "**Prune**" is highlighted on the display then press **ENTER**.
2. Turn the 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.

FM Radio

SELECTING A STATION

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

1. Press **MODE** until "**FM**" is highlighted on the display
2. The top line of the display shows the frequency of the station currently selected.
3. Press and hold the << or >> buttons to search to the next available FM station. Repeatedly pressing the << or >> buttons will allow to scroll through the individual frequencies.

AUTO SCAN

1. Press **MODE** to enter "**FM**" mode.
2. Press the **SCAN** button. Your radio will begin scanning for the next available frequency and will immediately play that station.
3. You can also press and hold the << or >> buttons, to fast search to the next available FM station.

Display Settings

BACKLIGHT AUTO SETTING:

1. Press **MENU** and turn dial until "**System**" is highlighted on the display then press **ENTER**.
2. Turn the dial until "**Backlight**" is highlighted on the display then press **ENTER**.
3. Turn the dial until "**Timeout**" is highlighted on the display then press **ENTER**.
4. Turn dial to choose between **10, 20, 30, 45, 60, 90, 120, 180 seconds**, or **ON** to cancel auto dimmer. press **ENTER** to set.

SET BRIGHTNESS:

1. Press **MENU** and turn the dial until "**System**" is highlighted on the display then press **ENTER**.
2. Turn the dial until "**Backlight**" is highlighted on the display then press **ENTER**.
3. Turn the dial until "**Dim Level**" is highlighted then press **ENTER**.
4. Turn the dial to choose between High, Medium or Low. 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 60 memory presets, with 30 allocated for DAB and 30 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 on the screen (not "**Preset Recall**")
4. Turn the dial to scroll along to the desired preset number that you wish to store the station to and press **ENTER**.
5. Once correctly stored, "**Preset 01 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 buttons "**1/2, 3/4 & 5/6**" on the radio. Play the station you want to save. Press and hold the numbered button until you see "Preset stored". The maximum number of presets you can save this way is 6.

Continued on Next Page

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. Using the dial, 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)” 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. Press **1/2**, **3/4** or **5/6** at any time to play any of your first six stored presets.

Bluetooth

To pair your device via Bluetooth for the first time:

1. Press **MODE** until “**Bluetooth**” is highlighted on the display.
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 Ranger**”.
4. Once connected, the screen will say “**Bluetooth Connected**”.
5. You can press the **▶||** button 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 the audio your device.
3. Press **MODE** button until "**Aux**" is highlighted on the display.
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 to 90 minutes.

1. Press **MENU** and turn the dial until "**System**" is highlighted on the display then press **ENTER**.
2. Turn the dial until "**Sleep**" is highlighted on the display then press **ENTER**.
3. Using the dial, set the desired sleep time between **15, 30, 45, 60, 90 minutes** or **Sleep Off** which will cancel the sleep time.
4. 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.
5. You can also use the **SLEEP** button on the device to set the desired sleep time.

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 use the dial until "**System**" is highlighted on the display then press **ENTER**.
2. Turn the dial until "**Time**" is highlighted on the display then press **ENTER**.
3. Using the dial select "**Set Time/Date**" then press **ENTER**. You can also use the dial to select the **Auto Update**, **Set 12/24 Hour** and **Set Date Format**.
4. Use the dial to set the correct time and date and press **ENTER** to confirm.

Alarm Settings

NOTE 1 : THE ALARM CAN ONLY BE SET WHEN CONNECTED TO THE MAINS POWER. THIS IS INCASE THE BATTERY BECOMES EMPTY WHILST ASLEEP.

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 **ALM 1/2** to enter the setting menu. Press **ALM 1/2** again to choose between *Alarm 1* or *Alarm 2*. Press **ENTER** to choose either setup.
2. Use the dial to set the alarm hour and press **ENTER** to confirm.
3. Use the dial to set the alarm minutes and press **ENTER** to confirm.
4. Use the dial to chose a duration: *15, 30, 45, 60, 75, 90 minutes* and press **ENTER** to confirm.
5. Use the dial to set alarm sound source, chooze between *Buzzer / FM / DAB* and press **ENTER** to confirm.
6. Use the dial to set when the alarm is active, you can choose *Once / Daily / Weekdays / Weekends*. Press **ENTER** to confirm.
7. Use the dial to set the alarm volume and press **ENTER** to confirm.
8. Use the dial to choose whether you want the alarm *ON/OFF* and press **ENTER** to confirm.

ENABLE & DISABLE ALARMS

You can enable and disable set alarms quick and easy. Press and hold **ALM 1/2** repeatedly to quickly enable and disable your alarms.

Snooze

1. When the alarm sounds, pressing the **ENTER** dial will temporarily silence the alarm, you can set the snooze time from **5, 10, 15 & 30 minutes** by pressing the dial.
2. The snooze function also has a countdown allowing you to see how long before the alarm re-sounds.

STOP THE ALARM

When the alarm is sounding you can press **ALARM** or **STANDBY** buttons to stop the alarm sound for that day. The radio will then return to Standby mode.

Languages

1. Press **MENU** and use the dial until "**System**" is highlighted on the display then press **ENTER**.
2. Turn the dial until "**Languauge**" is highlighted on the display then press **ENTER**.
3. Select which language you require from: English, German, French or Italian.

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 turn the dial until "**System**" is highlighted on the display then press **ENTER**.
2. Turn the dial until "**Factory Reset**" is highlighted on the display then press **ENTER**.
3. If you wish to perform the reset operation, turn dial until "**YES**" is highlighted 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 turn dial until "**NO**" is highlighted 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.

If your radio locks at any time remove the batteries and power adapter, after 10 seconds replace your power option and the device will reboot.

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

Brand	Azatom
Model	Ranger
Dimensions (HxWxD)	345mm x 200mm x 200mm
Weight	3320g
Mains Power	AC 110 - 240V DC 15V 2A
Power Input	100-240V 50/60Hz 0.3A Max
Rechargeable Battery	11.1V 5000mAh
Speaker	1 x 4" inch
Output Power	30 Watts
Bluetooth	5.0
Presets	30 DAB 30 FM
FM	87.5 - 108 MHz
DAB	174.9 - 239.2 MHz
Aux-In	3.5 mm
Display Type	LCD
Display Size	2.4"

Customer Service

Need help? Contact our customer service desk.

Email (customersupport@azatom.com)

Phone (01740 629 901)

Monday - Friday 9:00AM - 17:00PM and Saturday: 10:00AM - 14:00 PM



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