AZATOM®

ADVANCING AUDIO TECHNOLOGY

ADVANCING
BRITISH AUDIO

AZATOM® iRise

Lightning Alarm Docking Station

User Manual

Azatom is a UK-based high-tech company specialising in creating innovative speaker systems and high-end partner products for iPads, iPhones, iPods and other Tablets and Smartphones. We have a clear focus on improving sound performance for digital products. Azatom has unique, proprietary technology in the areas of Digital Signal Processing (DSP), Airflow, Passive and Active Driver Design and Wireless Technologies.

We are constantly evolving our designs and incorporating the very latest innovations in technology to stay at the forefront of digital sound. We are a fast-growing technology firm with a clear focus on developing new sound technologies and innovative, high quality products. Our R&D is based at our Headquarters in Netpark, a Technology cluster here in the UK.

Here we develop new technology, carry out studio sound testing and undertake all aspects of the design of new products. We have the expertise to take new technologies and innovations from ideas through to class-leading products.

If you require any support with your system please contact us:
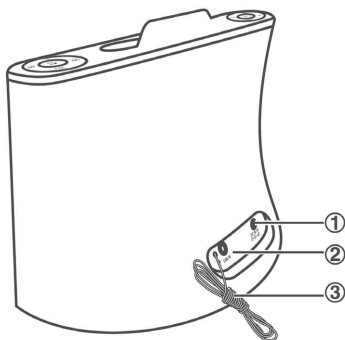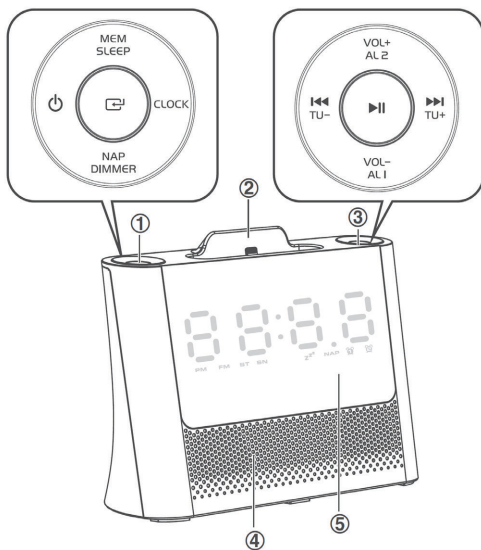www.azatom.com
E: customercustomersupport@azatom.com

Contents

What's in the box?

- Instruction Manual   x 1
- Adapter   x 1
- 3.5mm to 3.5mm audio cable   x 1
- Battery 3V (CR2032)   x 1

Controls & Interface

MEM
SLEEP

⏻   ⏏   CLOCK

NAP
DIMMER

VOL+
AL 2

⏮   ⏯   ⏭
TU–   TU+

VOL–
AL I

① ② ③

④ ⑤

① ② ③

Front View:

1 Buttons

- ⏻
  Turn on or turn off the unit.

- ⏻
  Select a source.

- **CLOCK**
  View the current radio frequency / Press and hold to set the time / View the source.

- **MEM / SLEEP**
  Press and hold to preset stations manually / Set the sleep timer.

- **NAP/DIMMER**
  Set the NAP timer / In Standby mode, adjust brightness level.

2 DOCK

DOCK for iPod/iPhone (Lightning® connector models only).

3 Buttons

- ▶❙❙
  Play/pause/resume playback / Press and hold to preset stations automatically, press this button to select the preset stations / Set the 12/24 hour mode.

- **VOL-/AL1, VOL+/AL2**
  Increases/decrease the volume / Press and hold the buttons to set the alarm 1/2.

- **❙◀◀/TU-, TU+/▶▶❙**
  In the dock mode, skip to previous/next track / In the FM mode, search radio stations manually / In the clock setting mode, press the buttons to set the clock.

4 Speakers

5 Display
  Show current status.

Rear View:

1 DC IN 5V Socket
  Connect to power cord.

2 LINE IN Socket
  Connect to an external audio device.
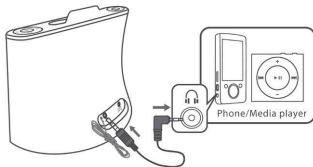
3 FM Aerial

Using the iRise

Connections:

Connecting to an external device

- **Use a 3.5mm to 3.5mm audio cable (included) to connect the external audio device headphone socket to the LINE IN socket on the unit.**

Phone/Media player

Setting up the FM aerial

- **Unwind the coiled FM aerial at the back of the docking station.**

  IMPORTANT: You may need to adjust the position of the FM aerial when tuning the radio to receive the strongest signal. Never leave the aerial where it can be pulled by young children.
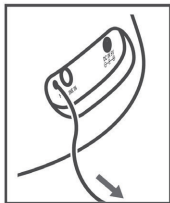
Powering the iRise

1. Slot the jack plug on the power adaptor into the power point in the underside of the base as shown in the diagram above.

2. Slot the power adaptor into a wall socket and turn the power on, if required.
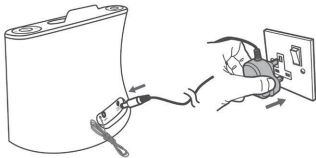

Note:
- **You need to connect the DC power to turn on the unit. Battery is for backup only.**
- **If the timer does s t o p s working the battery needs replacing, please disconnect the DC power and replace with a new battery, then reconnect DC power and reset the clock.**

First-time use of the BACKUP Battery:

Remove the protective tab to activate the backup battery.

To Replace the BACKUP Battery:

(1) Press down the flip on the left.

(2) Pull out the battery tray and remove the old battery.

(3) Place a new CR2032 battery into the battery tray with correct polarity (+/-) as indicated.

(4) Insert the tray back into the slot.
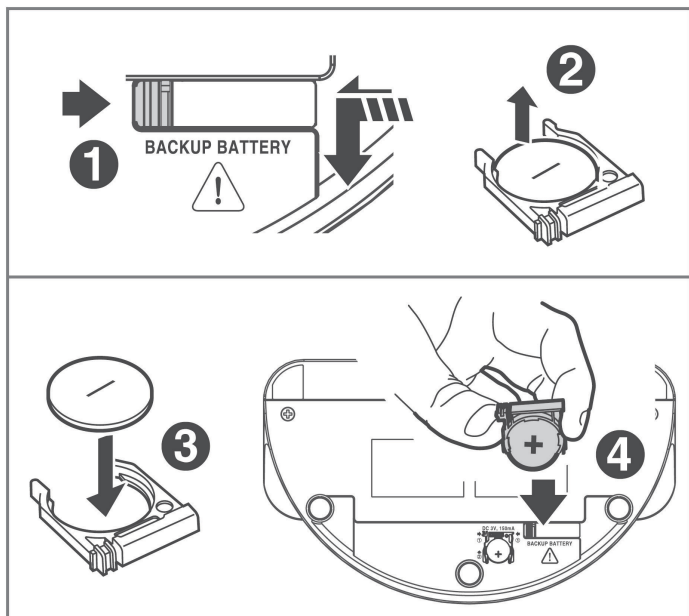
General Operation:

Turn ON/OFF
When you first connect the unit to the mains socket, the unit will be in STANDBY mode.

• Press the ⏻ button to turn on.
• Press the ⏻ button to turn off again.
    - Disconnect the mains plug from the mains socket if you want to switch the unit
      off completely.
    - If there is no signal under the DOCK and LINE IN modes, the unit will automatically
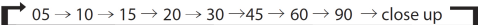   switch off within 15 minutes.

Select Modes
Press the ⊡ button repeatedly to toggle between LINE IN or FM or DOCK mode.

Adjust the Brightness
In standby mode, press the NAP/DIMMER button to select brightness level.

Set the NAP Timer
    - Press the NAP/DIMMER button repeatedly to select time (in minutes):

    ┌─► 05 → 10 → 15 → 20 → 30 →45 → 60 → 90 → close up ─┐

    - The system is now set to buzz after the number of minutes you have set.

Setting the Clock
In standby mode, The built-in clock shows the correct time in the display.

1 In standby mode, press and hold the CLOCK button to activate the clock setting mode,
   the time indicator will blink.

2 Set the minute with the TU+/ ▶▶| button.

3 Set the hour with the |◀◀ /TU- button.

4 Press the CLOCK button to confirm, the built-in clock starts operating and the seconds start
   counting from 0.

Tip:
   During Time Setup, press the ▶|| button to select between 12 & 24 hour format.

   • View the Source
     - During play, press the CLOCK button to show the current source on the display for a few
       seconds.

Setting the alarm timer:

You can set two alarms which wake up at different time. However the clock must be set correctly for the timer function to work.

1 In standby mode, press and hold the AL1 or AL2 button for several seconds, time indicator will blink.

2 Set the minute with the TU+/ ▶▶ button and set the hour with the ◀◀/TU- button.

3 Press the VOL-/AL1 or VOL+/AL2, then press ◀◀ ▶▶ buttons to select an alarm sound source: buzz, FM, iPod.

4 Press the VOL-/AL1 or VOL+/AL2 button, volume indicator will blink. Set the alarm volume with the ◀◀ ▶▶ buttons.

5 Press the VOL-/AL1 or VOL+/AL2 button to confirm.

   • Activate and Deactivate the Alarm Timer
   Press VOL-/AL1 or VOL+/AL2 repeatedly to activate or deactivate the timer.

   • Stop Alarm Ring
   When the alarm rings, press the ⏻ button. The alarm stops but the alarm settings remain.

   Note:
   - For the SNOOZE function, when the alarm is activated, press any key except the button.
     to repeat the alarm.

Setting the sleep timer

This unit can switch to standby automatically after a set period of time.

1 Press MEM/SLEEP button repeatedly to select a set period of time (in minutes):

   ┌▸ 90 → 60 → 30 → 15 → close up ┐

- When the sleep timer is deactivated, "Zzz" disappears on the display.

LINE IN Operation

1 Ensure that the unit is connected to the TV or audio device.
2 Press the ⤇ button to switch LINE IN mode.
3 Operate your audio device directly for playback features.
4 Press the VOL +/− button to adjust the volume to your desired level.

iPod/iPhone Operation:

You can enjoy audio from iPod/iPhone through this unit.

Listening to your iPod/iPhone

Note: This unit does not support apple 30-pin model.

1. Press the button to switch DOCK mode.

2. Place an iPod/iPhone into the dock.

3. Start to play the connected iPod/iPhone.
   - To pause/resume play, press the ▶❙❙ button.
   - To skip to a track, press the ❙◀◀ /TU- or TU+/ ▶▶❙ buttons.
   - To search during play, press and hold ❙◀◀/TU- or TU+/ ▶▶❙ buttons, then release to
     resume normal play.

Charging your iPod/iPhone with Lightning Connector:

The docked iPod/iPhone begins to charge while the unit is connected to AC power.
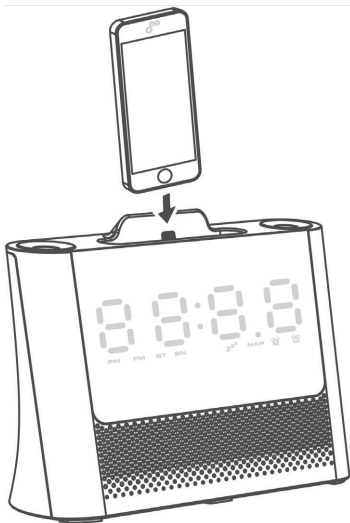
Listening to FM Radio:

Auto Scanning and Saving Preset Stations:

 - Ensure that you have connected and fully extended the FM aerial.
   1 Press the ⌷ button to switch FM mode.
   2 Press and hold the ▶‖ button for few seconds to activate automatic programming. All available stations are programmed in the order of waveband reception strength.

 - The first programed radio station is played automatically.
   ・Tune into a Preset Radio Station

 - To select and listen to a saved radio station, press the ▶‖ button to skip to the next preset radio station.

Tuning in a Station

 - Press the ⏮ /TU- or TU+/ ⏭ buttons repeatedly until you find the station you want.

 - Press and hold the ⏮ /TU- or TU+/ ⏭ buttons, the frequency changes down or up automatically until a station is found.

Presetting Stations Manually

 - You can preset up to 20 FM stations.
   1 Tune in the desired station, then press and hold the MEM / SLEEP button, the station will be stored and the screen will then show the preset number.

   Note:
   The unit will switch between Stereo or MONO channel to receive the FM radio mode
   automatically, for the best listening experience.

Technical Specifications

Output Power:	10W
Total Harmonic Distortion:	1%(1kHz, 1W)
Frequency Response:	250Hz - 14.5kHz
Tuning Range:	87.5 - 108 MHz
Audio input sensitivity:	500mV
Impedance:	4Ωx2
Dimensions (W x D x H):	180 mm x 106 mm x 138 mm
Adapter Input:	AC100-240V~ 50/60Hz, 0.5A MAX
Adapter Output:	DC 5.0V 2.2 A
Dock Output:	5.0V 1.0 A

Troubleshooting Guide

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this unit, check the following points before requesting service.

No power:

  - Ensure that the AC cord of the apparatus is connected properly.
  - Ensure that there is power at the AC outlet.
  - Press ⏻ button to turn the unit on.

Poor radio reception:

  - Try a different location decrease the distance between the unit and
     your TV or VCR.
  - Fully extend the FM antenna.

Timer does not work:

  - Set the clock correctly.
  - Switch on the timer.
  - Clock/timer setting erased
  - Power has been interrupted or the power cord has been disconnected.
  - Reset the clock/timer.

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.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION
RISQUE D'ELECTROCUTION
NE PAS OUVRIR

Get to know us

Azatom brand is a UK-based high-tech company owned by 4Cool Technology Ltd which specialises in creating innovative speaker systems and high-end partner products for iPads, iPhones, iPods and other Tablets and Smartphones. We have a clear focus on improving sound performance for digital products. Azatom has unique, proprietary technology in the areas of DSP (Digital Sound Processing), Airflow and Shape design which we combine to make some of the most exciting systems on the market.

We are constantly evolving our designs and incorporating the very latest innovations in technology to stay at the forefront of digital sound. As phones and tablets have become the media hubs for people's lives Azatom products deliver the technology and sound quality to give people greater freedom and enjoyment from their devices.

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Technology put through its paces

We use the latest software and equipment to tune our speakers and use studio space to create the best sounding systems at their respective prices: Our compact speaker systems produce the sound of larger, more expensive units. Whilst our larger speaker systems are competitive with units costing many times their price.

Unlike many other companies, we are able to produce superior sound quality through using our own DSP (Digital Sound Processing) microchips, which we have evolved and 'tuned' with extensive studio testing.

The Azatom DSP chipset lies at the heart of many Azatom products. Our DSP chips are constantly being developed and tested to ensure the highest sound performance and reliability for extended use.

The Azatom DSP chip is also tuned to ensure increased Bass performance without the artificial 'added bass' which is common with other systems.

We match our DSP chip with the very best drivers, cones and tweeters to ensure a smooth, rich sound for the complete system. Our Airflow technology works in partnership with the DSP chip and speakers to create the high quality and expansive sounds of larger systems within smaller, portable speaker cabinets; whilst our larger systems are some of the most powerful in the market. Our focus is always to produce the best sounding speakers for playing music from digital devices.

We are passionate about the advances in sound technology and it is our aim to be recognized as one of the leading companies in our field by developing the most advanced technology and exceeding expectations with our products.

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