

Thank you for shopping with **AZATOM**® Please read this manual carefully before using your new device and keep it safe for future reference.

AZATOM® is a British company specialising in advanced audio products. All our products are developed by our In-house Team of British Designers.

We are experts in sound engineering and great care and attention goes into the design and manufacture of every **AZATOM**® product to ensure class-leading performance and quality.

Please read the manual thoroughly before operating the device.

Choose a suitable location for the device. Suitable locations are dry, even and anti-slip surfaces on which you may operate the device easily.

Make sure there is proper ventilation for the device.

Remove, if necessary, the protection sheet from the display.

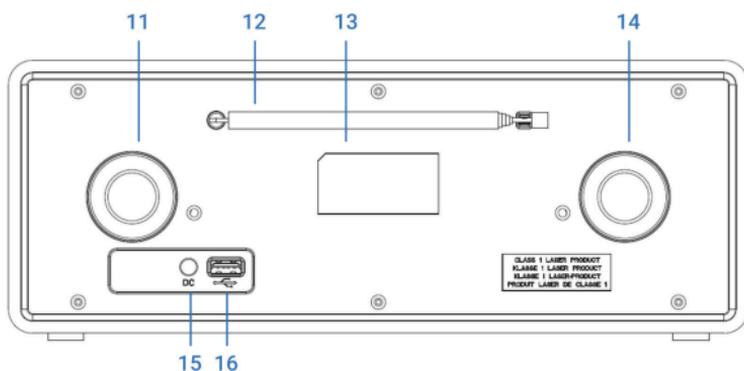
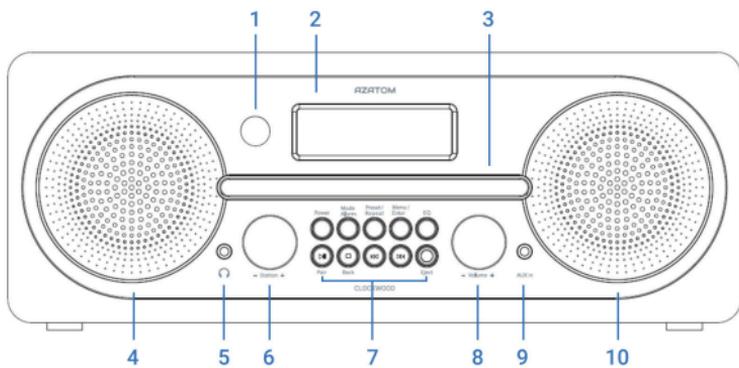
This product was designed to be all placed all around your home, all while delivering high quality audio.



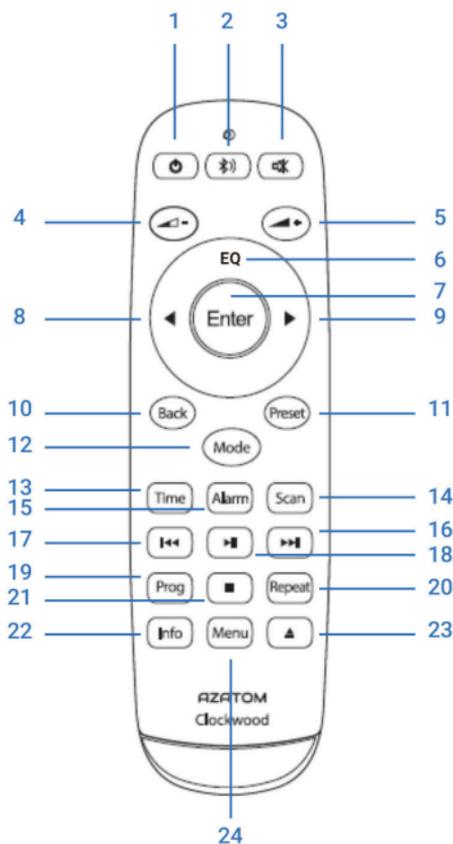
Contents

Section:	Page:
Controls & Interface.....	1
What's In The Box?.....	3
Using the Clockwood C100.....	4
Setting the Alarm.....	6
Pre-Settings Stations.....	7
Using the EQ.....	8
Using DAB+/DAB/FM.....	9
Adjusting Settings.....	12
Time and Language.....	13
Reset and Software Versions.....	14
CD Operation.....	15
USB, Bluetooth and AUX-IN.....	16
Technical Specifications.....	17
Important Safety Information.....	18

Controls & Interface



- | | | |
|------------------|------------------|-----------------------|
| 1. IR Receiver | 6. Station Dial | 11. Right Bass Port |
| 2. LCD Screen | 7. Controls | 12. Antenna |
| 3. CD Tray | 8. Volume Dial | 13. Information Label |
| 4. Right Speaker | 9. Aux IN | 14. Left Bass Port |
| 5. Headphone OUT | 10. Left Speaker | 15. DC Power IN |
| | | 16. USB Playback |



- | | | |
|-----------------------|-------------------------------|-------------------------|
| 1. Power | 10. Back | 18. Play / Pause |
| 2. Bluetooth | 11. Preset | 19. Programme |
| 3. Mute | 12. Mode | 20. Repeat |
| 4. Volume Down | 13. Time | 21. Stop |
| 5. Volume Up | 14. Scan | 22. Information |
| 6. EQ | 15. Alarm | 23. Eject |
| 7. Enter | 16. Skip Track Forward | 24. Menu |
| 8. Left | 17. Skip Track Back | |
| 9. Right | | |

What's in the box?

- **AZATOM® Clockwood C100**
- **User Manual**
- **Power Adapter**
- **AZATOM® Warranty Card**

Using the Clockwood C100

NOTES:

1. It is best to leave a CD inside the unit even when it is not in use. This prevents dust accumulation on the optical lens.

2. Dirty or scratched CD may cause the music to skip. Clean or replace the CD if this happens.

3. BEFORE OPERATION:

NOTES-CONCERNING COMPACT DISCS.

Dirty, damaged or warped discs may damage the unit, care should be taken of the following items:

1. a. Use compact discs only with the mark shown on the disc.
 - b. CD: compact disc only with digital audio signals.



2. a. NOTES ON HANDLING DISCS

Removing the disc from its storage case and loading it.

PRESS THE CLIPS AT THE CENTRE OF THE DISC CASE.



INSERT WITH THE LABEL/DULL SIDE FACING UP.



**LIFT OUT WITHOUT TOUCHING THE RECORDED SURFACE
PRESS THE DISC GENTLY TO INSERT IT.**

Do not touch the reflective recorded surface
Do not stick anything to or write anything on the surface.
Do not bend compact discs.



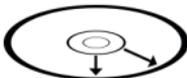
4. STORAGE

After removing a disc from the unit, be sure to put it back in its case. Do not expose discs to direct sunlight, high temperatures from a heater, etc., high humidity, or dust.

Cleaning discs

Before loading a disc, wipe off any dust, dirt or fingerprints with a soft cloth. Discs should be cleaned by wiping radially, from the centre to the edge.

Correct



Incorrect



FROM THE CENTRE TO THE EDGE

This unit has been designed to play 8cm or 12cm compact discs bearing the identification logo shown on the disc. Never use thinner, benzine, record cleaner or antistatic spray on a compact disc.

5. BEFORE OPERATION NOTES ON SET:

BEWARE OF CONDENSATION

When water vapour comes into contact with the surface of cold material, water drops are produced.

If condensation occurs, correct operation may not be possible or the unit may not function correctly.

This is not a malfunction however, and the unit should be dried (*To do this, turn the POWER switch OFF and leave the unit as it is for several hours.*)

Be especially careful in the following conditions.

1. When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
2. When a heater starts operating.
3. When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
4. When there is a large difference between the internal temperature of the unit and ambient temperature, or in conditions where condensation occurs easily.

Protect your unit/set from rain, fire, moisture, sand, dust, chemicals & excessive heat (*E.g. Near heating equipment or in car parked under the sun light.*)

Setting the Alarm

(Setup while the Clockwood is in Standby mode)

1. Press and hold the ALARM button to enter "ON TIMER".

2. ON TIMER

Now the 'hour' is flashing, use the Station dial to set the hour, and press the ALARM button to confirm. Next the 'minute' will be flashing, again using the Station dial to set the minute, and press the ALARM button to confirm.

3. OFF TIMER

Turning the Station Dial to set hour and minute, and press the ALARM button to confirm.

4. SOURCE

Turning the Station Dial to select the source from DAB / FM / DISC / BUZZ / USB, and press the ALARM button to confirm.

5. VOLUME

Turning the Station Dial to adjust the volume, and press the ALARM button to confirm.

Note: Press ALARM button to TURN ON and OFF repeatedly.

Pre-setting Stations

You may store your preferred DAB and FM radio stations to the preset station memory.

There are 40 preset slots available in your radio, 20 for DAB and 20 for FM. Presets are stored 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, and is as follows:

Storing a preset

1. Press POWER button to switch on the radio.
2. Select the desired waveband.
3. Tune to the required station using the Station Dial.
4. Press PRESET button to enter the preset menu, and then turn Station Dial to select the preset number you want to save the station to.
5. Press ENTER to confirm, for example, "Preset 01 stored". The station will be stored under the chosen preset. Repeat this procedure as needed.
6. Stations which have been stored in preset memory may be overwritten by following the above steps.

Recalling a preset

1. Press the POWER button to switch on the radio.
2. A short press on the PRESET button, then the display will show "Preset 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 preset button is pressed "Empty preset" will be displayed.

Using the EQ

Press EQ button to enter the EQ settings.

1. Treble

Turn the Volume Dial to adjust from +7 to -7, the setting will be confirmed after 2 sec and return to the Now playing screen automatically.

2. Bass

Turn the Volume Dial to adjust from +7 to -7, the setting will be confirmed after 2 sec and return to the Now playing screen automatically.

Using DAB+ / DAB / FM

Search Scan and tuning - DAB

- Carefully extend the telescopic aerial.
 - Press the POWER button to switch on your radio. The display will show "DAB."
 - Start the auto scan by pressing and holding the play/pause button. During the scanning process, the lower line of the display shows a progress bar to let you know once the scan has completed.
 - When the scanning is complete, the first station (in numeric-alpha order 0 to 9 then A to Z) will be selected. Your radio will automatically set to the current time and date.
 - If the station list is still empty after the scan your radio will display "No DAB station".
 - If no signals are found it may be necessary to relocate your radio to a position giving better reception.
- New stations may become available from time to time, it's handy to retune your radio from time to time to make sure you have the latest stations.
 - Stations close or can no longer be received (In the station list, invalid stations are indicated with a question mark in front of their name).
 - If reception was not good for the original scan (for example the antenna was not up), this may result in an empty or incomplete list of available stations.
 - If you have poor reception of some stations causing the audio to break up, you may wish to list only stations with good signal strength. To do a full scan Select MENU > FULL SCAN.

Selecting a station - DAB

- The top line of the display shows the name of the station currently selected
- Turn the Station Dial to select the list of available stations on the lower line of the display.
- Adjust the Volume control to the required setting.

Note: If after selecting a station the display shows "Service N/A" it may be necessary to relocate your radio to a position giving better reception.

Now playing Information – DAB

While a station is playing, the screen shows its name and DLS (Dynamic Label Segment) information broadcast by the station such as programme name, track title and contact details. Long DLS info, over 16 characters scrolls across the display.

Press and hold MENU to entry “DAB Info Choice” and then press Enter to the info list.

Turn the Station Dial to cycle through: DAB DLS (scrolling text), DAB Signal Strength, DAB PTY (programme type), Ensemble name, DAB Frequency, DAB Bit Rate, DAB Codec, DAB Time, DAB Date.

Press ENTER to select the info you want to show on the display Or press BACK to return to the default Now playing screen at any time.

Manual Tuning - DAB

1. Press MENU until the display shows “DAB Info Choice”, and then turn the Station Dial to select “Manual Tune”, press ENTER to select the Services Menu.
2. Turn the Station Dial to select the desired channel.
3. Press ENTER, 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 BACK to return to the normal tuning mode.

DRC (Dynamic Range Compression)

This function reduces the difference between the loudest and quietest audio being broadcast. Effectively, this makes quiet sounds comparatively louder, and loud sounds comparatively quieter.

Note: DRC only works if it is enabled by the broadcaster for a specific station.

To change the DRC setting Select MENU -> DRC -> The options available are: DRC off | low | high.

PRUNE (To remove stations which are listed but unavailable)

1. Under DAB mode, press MENU button and then press or to show the submenu: Prune, press ENTER button to enter the Prune option.

2. Press or 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.

Search Scan and tuning - FM

1. Carefully extend the telescopic aerial fully and press the POWER button to switch on your radio.
2. Press MODE to enter FM mode.
3. Press the play pause button for 3 seconds for an auto scan, which will automatically store the stations that are found.

Press either the skip forward or skip backward buttons to choose stored stations.

Pressing and holding the skip backward button, will scan up through the station frequency.

4. After a few seconds the display will update. The display will show the frequency of the signal found. If the signal is solid and there is RDS data present then the radio will display the station name.
5. To find other stations, press the button and hold the play pause button for 3 seconds as before.
6. To scan the FM band in a downwards direction (high frequency to low frequency) press and hold the skip forwards button.
7. When the waveband end is reached your radio will recommence tuning from the opposite wave band end. Adjust the Volume control to the required setting.

Now Playing Information

While FM radio is playing, the screen shows its frequency, or if RDS information is available, station name and any further 'Radio Text' information. If no information is available, just the frequency and a "No Radio Text" message is shown.

To view further information about the broadcast:

Press and hold MENU, and press ENTER to select "FM Info Choice". Information is displayed, turn the Station Dial cycling through: FM Radio Text, FM PTY programme type, FM Stereo mono, FM time and FM date.

Press ENTER button to confirmed and return to the default Now playing screen.

Adjusting Settings

Scan Setting

Options: All stations | Strong stations

To change the scan settings, to stop only at stations with good signal strength, press and hold MENU button, and then turn the Station Dial to "Scan setting", press ENTER button to confirm.

Audio Setting

Audio settings By default, all stereo stations are reproduced in stereo. For weak stations, this may result in poor quality audio. The audio quality can be improved using mono.

Options: Stereo allowed | Forced mono

To change the scan settings, to stop only at stations with good signal strength, press and hold MENU button, and then turn the Station - / + knob to "Audio setting", press ENTER button to confirmed.

System Setting

The system settings allow you to tailor the radio with a variety of options to suit you. To access the system settings from any mode, Select MENU -> System -> Then select from the multiple options.

The system setting menu options are:

- Time
- Language
- Factory Reset
- SW version

Turn the Station Dial to cycle through the menu; Sub-menu pressing ENTER to select the highlighted option. Use the BACK button to return to the previous menu.

Time and Language

The time and date can be updated manually or automatically. With auto-update, the time and date are automatically synchronised with national time signals broadcast over DAB and FM (when available). You can also select the display format for the time and date.

The Time menu contains the following options:

- Set Time/Date: (see below)
- Auto update: Update from Any | Update from DAB | Update from FM | No Update
- Set 12/24 hour: 12 | 24
- Set date format: dd-mm-yyyy | mm-dd-yyyy.

Set time/date:

This option is for manually setting the time and date displayed. The time displays as hh:mm AM/PM, with the first value, hh, active (flashing). Adjust each value using the SKIP- / SKIP+ button control and press ENTER to confirm. The next value then becomes active and flashes. The date values follow and are set in the same way.

Note: The date displays as dd-mm-yyyy or mm-dd-yyyy depending on your choice of date format

Language:

The language used for display messages can be selected from:

- English
- German
- French
- Italian

Reset and Software Version

Factory Reset:

(To access Factory Reset, Press and hold the MENU button, then using the SKIP + / SKIP - as arrow keys and ENTER to select, Choose SYSTEM then FACTORY RESET)

A factory reset clears all user defined settings, replacing them with the original default values, so time/date, preferences/settings, DAB station list and preset stations are all lost. If you select Factory reset, you are asked to confirm by selecting "Yes".

Software Version:

The software display cannot be altered and is just for your reference.

1. To view the software version press and hold the MENU to enter the menu and then turn Station Dial until "System" is highlighted on the display.
2. Turn Station - / + knob until "SW version" shows on the display.
3. Press ENTER button, the software version will appear on the display.

CD Operation

NOTE: This unit not only plays commercial compact discs but also self-complied CD-RW discs. Because of non-standardized format definition/production of CD-R/RW, playback quality & performance is not guaranteed. The Manufacturer is not responsible for the playability of CD-R/RW due to recording conditions such as PC performance, writing software, media properties etc.

Do not attach a label or seal to either side of the CD-R/RW disc. It may cause a malfunction.

PLAY MODE:

1. Press MODE button to enter CD mode.
2. Press EJECT button to open the CD door, load a CD with the label side facing upward and then close the CD door.
3. Disc information (total number of tracks) will appear on the LCD DISPLAY.
4. Press PLAY/PAUSE button to start playing the CD.
5. While playing music, press the PLAY/PAUSE button to pause playback, press PLAY/PAUSE button again to resume playing.
6. Turn the VOLUME - / + knob adjust to the desired volume level.
7. Press STOP button to stop playing music.
8. To turn off the CD player, press POWER button.

NOTE: If skipping occurs during CD playback, try turning the volume down. Check the CD to ensure it is not scratched or damaged. - Do not open the CD DOOR when a CD is playing.

REPEAT MODE

Repeat one:

Press REPEAT button repeatedly and select "REPEAT ONE". The current track will be repeated.

Repeat All Tracks:

Press REPEAT button repeatedly and select "REPEAT ALL". The whole disc will be played continuously.

Play Randomly:

Press REPEAT button repeatedly and select "Shuffle". The whole disc will be played randomly.

Normal Play:

Press REPEAT button repeatedly and select "Normal Play". The disc will be played sequenced.

SKIP AND SEARCH MODE

1. During Play or Pause mode, tap the SKIP FORWARD or SKIP BACKWARD button to go to the next track or go back to the beginning of the current track.
2. During playback, press and hold the SEARCH FORWARD or SEARCH BACKWARD buttons to search within the current track with audible high speed playback.

USB, Bluetooth and AUX-IN

USB Operation

1. Insert the USB drive into the USB port.
2. Press SOURCE button to transfer the mode to USB. You would see USB-READING on LCD display
3. Press PLAY button to play.

Bluetooth

To enter Bluetooth mode:

1. Press MODE button to "Bluetooth" mode
2. Activate the Bluetooth on your mobile phone and search for nearby device until you see the 'Clockwood" and connect to it.

Note: If you want to connect a new Bluetooth device, disconnect the connected phone on your mobile phone.

AUX-In

An AUX-IN jack for connecting your smart-phone, MP3 player or other digital music player.

1. Connect the Aux-in cable (not included) from your external device to the AUX IN jack located on the left side of this CD player.
2. Press MODE button to entry Auxiliary Input mode once an external device is plugged into the AUX IN jack.
3. Start to play your music from the external audio device.
4. Adjust both volume controls on your CD player and on the external device to your desired level.

Technical Specifications

Power requirement mains (via adaptor):	AC 100-240V, 50/60Hz
Frequency Coverage:	FM: 87.5-108MHz DAB: 174.928 - 239.200MHz
Circuit Features	
Loudspeaker:	2x 66mm Full-Range Drivers
Output power:	18W Max Power Output
Earphone socket:	3.5mm dia. Stereo
Aerial system: FM:	Telescopic Aerial
DAB:	Telescopic Aerial

1. THIS LABEL IS ATTACHED TO THE PLACE AS ILLUSTRATED TO INFORM THAT THE APPARATUS CONTAINS A LASER COMPONENT.
2. THE WARNING LABEL INFORMING OF RADIATION IS PLACED INSIDE THE UNIT. AS SHOWN IN THE ILLUSTRATION, TO WARN AGAINST FURTHER MEASURES ON THE UNIT. THE EQUIPMENT CONTAINS A LASER RADIATING LASER RAYS EXCEEDING THE LIMIT OF LASER PRODUCT CLASS OF 1.

①

**CLASS 1
LASER PRODUCT**

CAUTION INVISIBLE LASER RADIATION WHEN OPEN
ANS INTERLOCKS DEFEATED.
AVOID EXPOSURE TO BEAM

②



**CLASS 1
Laser product**

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.

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.



AZATOM[®]
ADVANCING AUDIO TECHNOLOGY



www.azatom.com



@AZATOM



@AZATOM



@AZATOM.ONLINE

REGISTER YOUR PRODUCT ONLINE FOR THE AZATOM WARRANTY

TO LEARN MORE & REGISTER FOR THE AZATOM WARRANTY PLEASE VISIT
WWW.AZATOM.COM/WARRANTY

*REGISTRATION REQUIRED

AZATOM® 2018 ALL RIGHTS RESERVED. AZATOM® IS PART OF THE 4COOL TECHNOLOGY Ltd.

AZATOM® & 4COOL TECHNOLOGY Ltd. RESERVE THE RIGHT TO WITHDRAW ANY AND ALL PROMOTIONS WITHOUT NOTICE. FOR FULL WARRANTY, EXTENDED WARRANTY AND PROMOTIONAL OFFER TERMS & CONDITIONS PLEASE VISIT WWW.AZATOM.COM/TERMS-CONDITIONS