

AZATOM®

Clockwood C100X

DAB, DAB+, FM Radio with BT Wireless Audio & CD Player



Headphone Out



Digital Radio



FM Radio



AUX In



EQ Controls



Bluetooth



USB Charging



Multi-Alarms



CD Player



BEST OF BRITISH
& EUROPEAN



Audio &
Electronics

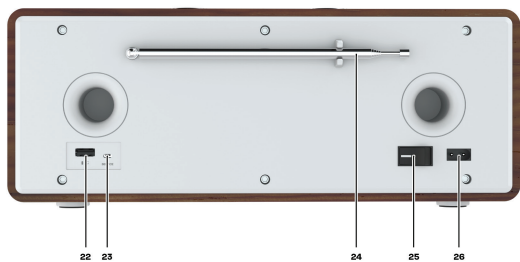
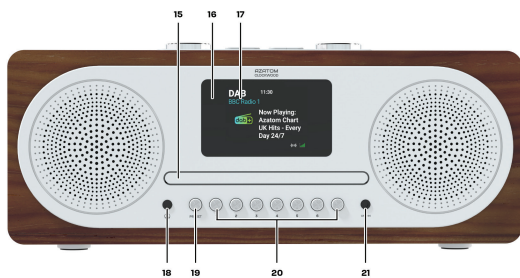
User Manual














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

Controls & Interface

1. **MODE**
2. **POWER BUTTON**
3. **VOLUME- / VOLUME+**
4. **EQUALISER**
5. **PLAY / PAUSE ▶|| / SCAN**
6. **REPEAT**
7. **STOP ■ / BACK**
8. **REWIND ◀◀**
9. **SLEEP**
10. **FORWARD ▶▶|**
11. **ALARM ⏰ 1/2**
12. **DIMMER ✨ / ENTER / SNOOZE Zzz**
13. **MENU**
14. **EJECT**
15. **CD DRAWER**
16. **REMOTE SENSOR**
17. **SCREEN / DISPLAY**
18. **EARPHONE PORT**
19. **PRESET**
20. **PRESET NUMBERS (P NUMBER)**
21. **AUX-IN**
22. **USB PORT**
23. **SERVICE PORT**
24. **TELESCOPIC ANTENNA**
25. **POWER SWITCH**
26. **AC POWER PORT**





STANDBY	POWER THE UNIT ON OR OFF MUTES
EJECT	EJECT CD IN CD MODE
BASS+	INCREASE BASS
BASS-	DECREASE BASS
SCAN	SCAN FOR RADIO STATIONS IN DAB/FM
	REPEATS TRACKS RANDOM
	REPEATS ALL TRACKS
ZZz	SNOOZE
TREBLE +	TREBLE INCREASE
TREBLE -	TREBLE DECREASE
TIME	SET TIME
SLEEP	SET SLEEP FOR 15,30,45,60, 90 MINUTES
	PLAY/PAUSE
	REWIND/BACK
	FORWARD/SEARCH
	STOP
	ALARM 1 SET/STOP
	ALARM 2 SET/STOP
VOL +	TURNS THE VOLUME UP
VOL -	TURNS THE VOLUME DOWN
MENU	ENTERS MENU
	BRIGHTNESS CONTROL
0 TO 9	PRESET RECALL/STORE/CD TRACK
	STEREO/MONO
MUTE	MUTE VOLUME
	CHANGE THE AUDIO SOURCE

What's In The Box

- Clockwood C100X
- User Manual
- Power Cable/Plug
- Warranty Card
- Remote Control

Operating your radio

1. Extend the telescopic aerial.

2. Press the **POWER** button to switch on your radio. The display will show **"Hello from AZATOM"**

3. If this is your first time to power the Clockwood on, it will start an auto scan for available stations in your area.

(If the DAB Mode has been used before, the radio will automatically select the previously played station).

4. Alternatively Press and hold the **SCAN** button at any time and the unit will automatically scan and store stations.

During the scanning process, the lower line of the display shows a progress bar and number of station found

5. When the scanning is complete the first station will be selected. The clock will automatically set to the current time and date.

6. If the station list is still empty after the scan your radio will display **"Service not available"**, showing that no stations have been found. Please ensure the antenna is extended fully and test the reception by doing another auto scan in a different location. The auto set for date and time requires a DAB signal to set it.

Selecting a station – DAB

1. Select **DAB** mode.
2. Either press the **◀▶** buttons or turn the right side **ENTER** dial to enter the list of available stations in your area.
3. Select the station you want to listen to and press **ENTER**.

Finding new radio stations

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

1. Press and hold the **SCAN** button for 2 seconds and the unit will automatically scan and store stations in your area.
2. Alternatively you can Press **MENU** button and choose Full scan from the list and press **ENTER** to scan for new stations.
3. Select Full scan from the menu for auto scan. 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 display will increase and any new radio stations will be added to the list stored in the radio.

Manually Tuning with DAB

Manual tuning allows you to tune your radio to a particular DAB frequency in Band III. Any new stations found will be added to the station list. 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** button and choose **Manual scan** from the list and press **ENTER**. Choose the DAB Channel / Frequency and press **ENTER**.

When the radio has scanned, the display shows 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.

2. Press **MENU** to go back and choose a different frequency.

Finding new stations - FM

1. Carefully extend the telescopic aerial fully and press POWER button to switch on your radio.

2. Press MODE button to enter FM mode.

3. Press SCAN button for 3 seconds to start an auto scan. When the scan has finished the Clockwood will automatically store all available stations in memory.

To access the FM saved stations press and hold for 2 seconds **⏪** or **⏩** buttons. It will scan and play the next saved FM station

4. At any other time to search for stations press and hold for 2 seconds **⏪** or **⏩** buttons as before. The Clockwood will scan to next available station and play it.

5. To fine tune a station press once **⏪** or **⏩** buttons for frequency to increase by 5 MHz each press.

Preset Stations - DAB & FM

You can store your preferred DAB and FM radio stations to the preset station memory. There are 60 memory presets in your radio, **30 for DAB and 30 for FM**. Presets are remembered by your radio in the event of a power failure.

The way to set presets is the same for FM and DAB modes:

How to set presets:

DAB mode:

1. Press **MODE** button to select **DAB** or **FM**.

(Important: The station you want to preset must be playing).

2. For fast preset store. Press and hold one of the preset numbers **1 to 7** on the front panel, which will save that current playing station. For example if you are playing BBC Radio 1. Press and hold **PRESET 2** button. It will store there and say on the display **Preset 02 stored**.

3. You can also use the remote control to store **Presets**: Simply Press and hold the Preset number you want to save the playing station into. You will see the display say **Preset stored**.

Additional way to Preset Store:

1. Press and hold the **PRESET** button until **"Preset Store"** appears on the display, not **"Preset Recall"**.

*(Important: Make sure you press and hold the preset button down until **Preset Store** appears).*

2. Use right dial or **◀◀ ▶▶** buttons to choose which preset number you want to save the station playing into.

3. Press **ENTER** to confirm. You will see example **"Preset 01 stored"**. Repeat this process for further stations you want to preset.

FM MODE:

1. Press **MODE** button to select **FM**.

(Important: The station you want to preset must be playing).

2. For fast preset store. Press and hold one of the preset numbers **1 to 7** which will save the current playing station into this location. For example you see on the display **Preset 01 stored**.

Another way to preset store:

1. Press and hold the **PRESET** button until "**Preset Store**" appears on the display, not "**Preset Recall**". (Important: Make sure you press and hold the **Preset** button down until **Preset Store** appears).

4. Use right dial or **◀▶** buttons to choose which preset number you want to save the station playing into.

5. Press **ENTER** to confirm. You will see example "**Preset 01 stored**". Repeat this process for further stations you want to preset.

Playing or Recalling a preset:

1. For fast preset recall. Press any of the numbers 1 to 7 directly to play what station is stored under that preset number.

Another way to recall presets:

1. Short press the **PRESET** button. The display will show "**Preset Recall**" and a list of all presets stored in memory.

2. Choose which preset station you want to play by turning the dial or pressing the **◀▶** buttons .

3. Press **ENTER** to play the station you have selected.

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

1. Under DAB mode, press the **MENU** button until the display shows the sub-menu. Select **Prune** and press the **ENTER** button.




2. Select "**Yes**" and press the **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.**

Time & Date Settings

If there is no **DAB/FM** signal available, you will need to **set the TIME and DATE manually** when turned on for the first time.

1. Press the **MENU** and turn dial to enter "**System**".
2. Press **◀◀▶▶** or turn right side dial and select the "**Time**".
3. Set **time/date, auto update, 12/24 hours, date format** here.
4. Press **◀◀▶▶** or turn right side dial and press **ENTER** to set the correct time and date.


Alarm Settings

1. Press **ALARM**  **1/2** to enter Alarm setup menu. Press **ALARM**  **1/2** again to choose which ALARM 1 or ALARM 2 to set.
2. Press **ENTER** to confirm to set alarm.
3. Press **◀◀▶▶** or use right side dial to set the alarm time. Press **ENTER**.
4. Set minutes the alarm sounds to either **15,30,45,60 and 90**. Press **ENTER** to confirm.
5. Set Alarm source: **DAB, FM, Buzzer**. Press **ENTER** to confirm. If you choose DAB as your alarm source you can choose from last played or one of your presets stored.
6. Set alarm days from **Daily, Once, Weekends, Weekdays**.
7. Set the **Alarm ON or OFF** and press **ENTER** to confirm. You will see **Alarm saved** on display and an icon will show 

Snooze - Stop Alarm

1. When the alarm sounds, pressing the **Zzzz** button will temporarily silence the alarm, you can choose the time from 5, 15, 20 or 30 minutes.
2. The snooze function also has a countdown on display allowing you to see how long before the alarm re-sounds.

How to Stop Alarm:

When the alarm is sounding you can press  **1/2** or **STANDBY** buttons to stop the alarm sounding. The radio will then return to Standby mode.

Diabale/Enable alarms:

If you have previously set the alarms and want to disable or enable them.

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

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

Using AUX In

Aux-in mode plays audio from an external source such as a smartphone or tablet.

1. Plug on end of 3.5mm audio cable (excluded) into the headphone or line out jack on your player, plug the other end of 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 **MODE** button to enter "**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.





Please ensure the cable is disconnected to listen to the radio in other modes such as DAB and FM.

CD Player

NOTE: This unit will play pre recorded commercial compact discs, self-complieed CD-RW discs. We can not guaranteed playback quality of non standardized formats of CD-R/RW discs. 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 damage to the working internal components.

PLAY MODE:

1. Press **MODE** button to enter CD mode.
2. Insert a CD with the label side facing upward.
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. Press **STOP**  button to stop playing music.
7. To turn off the CD player, press **POWER** button.

NOTE: If skipping occurs during CD playback. Check the CD to ensure it is not scratched or damaged.


Do not open the CD DOOR when a CD is playing.

CD USAGE WITH REMOTE CONTROL:


On the remote control you can use numbers **1 to 9** to select which track you want to play.


Whilst CD is playing, Press a number to choose that track.

REPEAT MODE:**Repeat 1:**

Press **REPEAT** button once, you will see  on bottom right of display. The current track will be repeated.

Repeat All Tracks:





Press **REPEAT** button twice, you will see  on the bottom right of the display. The whole disc will be played continuously.

Press **REPEAT** button three times, you will see  on the bottom right of the display. The whole disc will be played randomly.

To Cancel Repeat Function:

Press **REPEAT** button again to cancel the repeat function.

SKIP AND SEARCH MODE:

1. During Play or Pause mode, tap the  or  buttons to go to the next track or return back to the beginning of the current track.
2. During playback, press and hold the  or  buttons to fast forward or rewind whilst playing your CD track.

Programming CD favourites:

This feature allows you to pick your favourite tracks to be played.

IMPORTANT: Programming favourite playlists can only be set when CD is STOPPED.

1. Load CD and press **STOP** to make sure the CD is not playing

2. Press the **PRESET** button once, you will see ★01 at the bottom of the display.
3. Use the **◀◀** or **▶▶** buttons to select the track you want save in a playlist:
Example: Go to **T2** and press **PRESET** again, This will save track **T2** in your playlist as ★01 . The LCD display will then advance to ★02 ready for you to choose the next track to add to your playlist.
4. You can repeat step 3 to program up to 33 tracks on pre-recorded CD's or up to 99 mp3 tracks.
5. Press **PLAY** button to start the programmed playlist.
6. Programmed tracks will be played through once and then stop. However, you may use the **REPEAT** function to repeatedly play a certain track (Repeat 1) or all tracks in the program (Repeat All).
You may also press **▶▶** button to go directly to other track(s) ahead in your playlist or use **◀◀** button to go back to previous track(s) in your playlist during program playback.
7. To cancel program playlist, press the **STOP** ■ button twice during playlist playback.

USB Memory Stick Playback

1. Press **Mode** button and select **USB** mode.
2. Insert USB memory stick into the USB socket on the rear of the Clockwood.
3. The Display will say Reading and display Folder and track numbers.
Example:
F1/10 shows on display meaning Folder 1 has 10 tracks.
T1/20 shows on display meaning track 1 is playing with 20 tracks total on USB stick.
4. Press **PRESET** to advance to next folder. Note: Only works if you have folders made.
5. Press **◀◀** or **▶▶** to go back one track or advance to next track.

BT Wireless Audio

Bluetooth allows you to stream your music wirelessly from any Bluetooth-enabled media player, including smartphones, tablets, laptops and other MP3 Players.

To pair your device via Bluetooth for the 1st time:

1. Press **POWER/MODE** button to select **Bluetooth** mode
2. After a few seconds the screen will then say "**BT SEARCHING**" and the speaker automatically goes into pairing mode.
3. On your Bluetooth Device do a search and once available please select "**Azatom Clockwood**".
4. After 5-20 seconds the screen will say "**BT connected**".
5. You are ready to start streaming via Bluetooth.

Whenever the Bluetooth Mode is selected, the radio 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.

FM Stereo / Mono

If a station being received is weak some hiss may be heard over the audio (especially when using earphones). Choosing Forced mono can improve the reception sound.

1. Press **MENU** button and choose "Audio setting". Press **ENTER**.
2. Press **TUN- / TUN+** until "**Forced mono**" is highlighted. Press the **ENTER** to select mono. Your radio will select the mono audio mode.

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 on your radio. This will restore the radio's settings to their factory defaults. No presets will be stored, and the list of DAB radio stations will be empty.

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. Your radio will automatically re-scan for the DAB stations available at your current location when it restarts.

1. Press **MENU** to enter the menu.
2. Press **MENU** and to choose "**System settings**".
3. Press **◀ ▶** to find "**Factory Reset**". Press the **ENTER**.
4. If you wish to perform the reset operation, push the **◀ ▶** until "**YES**" is highlighted on the display and press. A full reset of your radio will be performed, All presets and station lists will be erased.

If you do not wish to reset your radio press **◀ ▶** 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.

Language

Press and hold the **MENU** button and then the display shows the sub menu: System. Press the **ENTER** button and select Language to enter language options **English / French / Germany / Italian**.

Backlight Setting

Display Brightness.

There are 3 levels of brightness. Press  button for **High, Medium, Low** brightness.

Display Backlight timeout:

The display backlight has a default setting to stay on all the time. You can change this to 10,20,30,45,60,90,120,180 seconds and OFF.

How to change Backlight settings:

1. Press **MENU** button and select "**System**".
2. Then select "**Backlight**" followed by "**Timeout**".
3. Choose from **10,20,30,45,60,90,120,180** seconds for the display to dim down after no buttons have been pressed. If you choose OFF the display will stay on continuous.

Earphones (NOT INCLUDED)

The lead connecting the earphones to your radio acts as an aerial when plugged into the Earphone socket.

1. Plug the earphones into the Earphone socket on the rear 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 with the earphones connected and inserted in your ear. Excessive sound pressure from earphones can cause hearing damage.

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.

Press the **SLEEP** button to set the desired sleep time between **15, 30, 45, 60 and 90 minutes or Sleep Off** which will cancel the sleep function.

Safety Guidance

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

Water and Moisture:

The unit should not be used near water. For example: near a bathtub, wash bowl, kitchen sink or near a swimming pool.

Ventilation:

The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings. Also, do not have the unit in an enclosed space, such as a bookcase or cabinet, which may impede the flow of air through the ventilation openings.

Heat:

The unit should be kept away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) which may be hot.

Power Source:

The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

Cleaning:

The unit should only be cleaned with a dry cloth. Care should be taken so that liquids are not spilled into any openings or vents located on the product.

Lightning and Power Surge Protection:

Unplug the unit from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

Overloading:

Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock.

Periods of Non-use:

If the unit is to be left unused for an intended period of time, such as a week or longer, the power cord should be unplugged from the unit to prevent damage or corrosion.

Servicing:

The user should not attempt to service the unit beyond those methods described in the user's operating instructions. Service methods not covered in the operating instructions should be referred to qualified service personnel.

WARNING:

The AC adaptor should be disconnected from the mains supply and the radio when not in use.

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids.

RECYCLING:

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic product.

Use only power supplies listed in the user instructions, Indoor use only

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.



Specifications

Power requirement mains (via adaptor): AC 110-240V 50-60Hz

Frequency Coverage

FM: 87.5-108MHz

DAB: 174.928 - 239.200MHz

Loudspeaker: 2 x 3" Inch Drivers

Output power: 30W MAX (speakers)

Earphone socket: 3.5mm dia. stereo

FM & DAB Radio: telescopic aerial



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& REGISTER FOR OUR AZATOM WARRANTY* PLEASE
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