

ROBERTS



Zoombox 4

CD Radio Bluetooth® Boombox

USER'S GUIDE



Safety Precautions

- Read all the instructions carefully before using the unit and keep them for future reference.
- Check that the voltage marked on the rating label matches your mains voltage.
- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas/electric fires. Avoid exposure to direct sunlight and other sources of heat.
- Never place any type of candle or naked flame on the top of or near the unit.
- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.
- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space, ensure that a minimum of 10cm should be kept around the apparatus for ventilation.

Safety

- Always disconnect the unit from the mains supply before connecting/disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.
- This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the unit’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.



INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO LASER BEAM.

LASER SAFETY

This unit employs an optical laser beam system in the CD mechanism, designed with built-in safeguards. Do not attempt to disassemble, refer to qualified service personnel. Exposure to this invisible laser light beam may be harmful to the human eye. THIS IS A CLASS-1 LASER PRODUCT. USE OF CONTROLS, OR ADJUSTMENTS OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS LASER LIGHT BEAM EXPOSURE.

Mains Cable

1. Make sure the unit is not resting on top of the mains cable, as the weight of the unit may damage the mains cable and create a safety hazard.
2. If the mains cable is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted sound.

Supervision

- Children should be supervised to ensure that they do not play with the unit.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.

Service/Maintenance

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.
- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.



The symbol indicates DC voltage



The symbol indicates AC voltage



The symbol indicates class II equipment



For indoor use only



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 equipment.

– CAUTION

Risk of explosion if battery is replaced by an incorrect type

– WARNING

To avoid replacement of a battery with an incorrect type

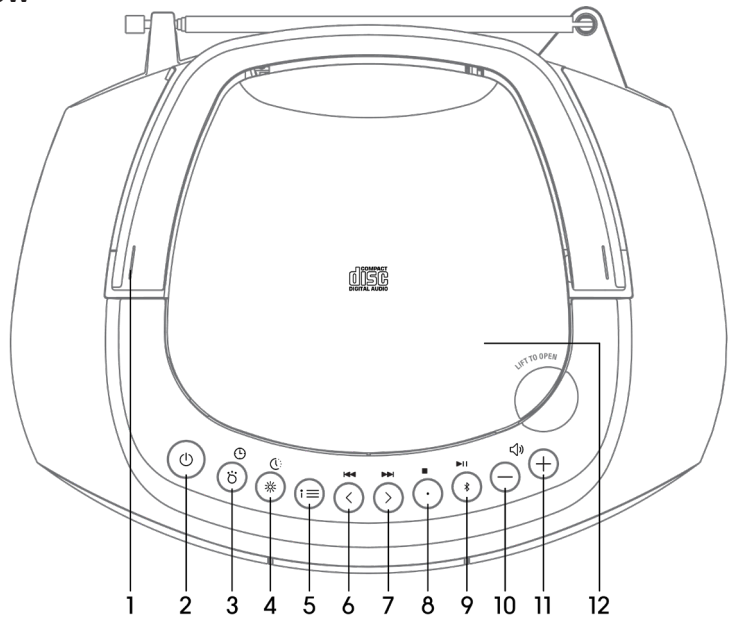
Don't disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a Battery.

Don't leaving a battery in an extremely high temperature surrounding environment

To avoid battery subjected to extremely low air pressure.

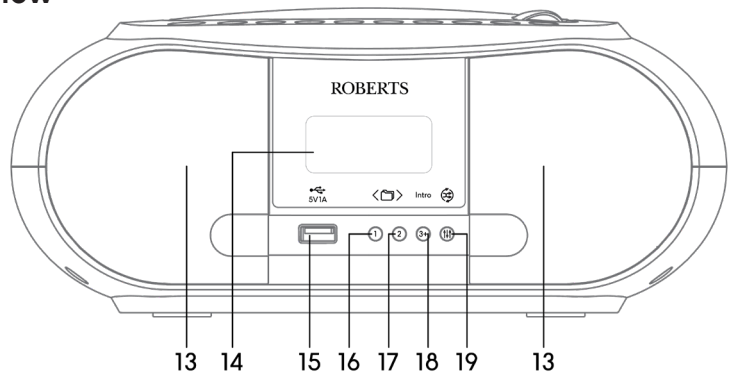
Product Overview

Top View



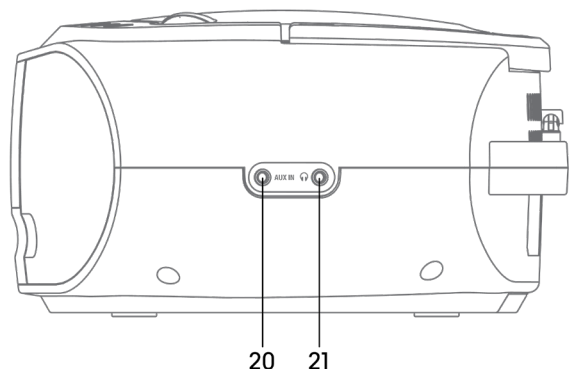
- | | |
|----------------------------------|------------------------------------|
| 1. Handle | 7. Tuning / Skip Button |
| 2. Standby / Sleep Button | 8. Enter / Stop Button |
| 3. Mode / Clock Button | 9. Pair / Play Pause Button |
| 4. Dimmer / Timer Button | 10. Volume - Button |
| 5. Info / Menu Button | 11. Volume + Button |
| 6. Tuning / Skip Button | 12. CD Door |

Front View



- | | |
|---|--|
| 13. Speaker | 17. Folder + / 2 Button |
| 14. Display | 18. Intro / 3+ Button |
| 15. USB 5V $\overline{\text{---}}$ 1A Charging Port | 19. Repeat / Random / EQ Button |
| 16. Folder - / 1 Button | |

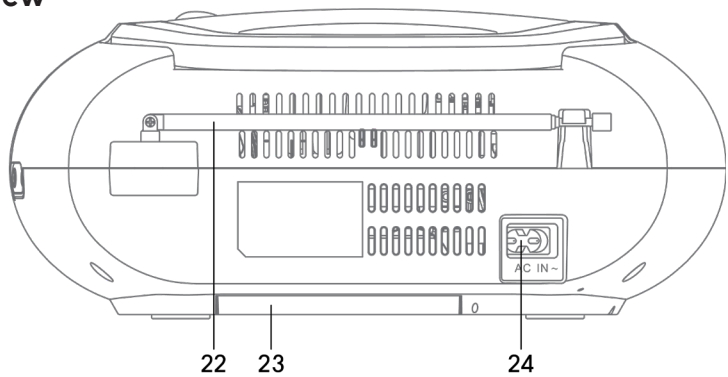
Right View



20. Aux In Socket

21. Earphone Jack

Rear View



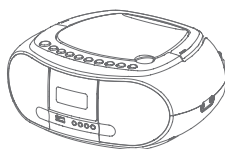
22. Rod Antenna

23. Battery Compartment

24. Power supply

Unpacking

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:



Main Unit



Cable



Instruction Manual

Power Source

Mains Power

- Unwind the mains cable to its full length. Connect the end of the mains cable to the **AC IN ~** Socket at the rear of the unit and then connect the another end to a mains outlet. Make sure the mains plug is firmly inserted into the mains socket. The unit is now ready to use.

Battery Power (Optional)

Insert 6 X 1.5V R14/C batteries (not included) correctly by following the polarity (+ or –) indications in the battery compartment.



When the batteries are completely exhausted, the power is turned off.



Handling the Batteries

- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause personal injury or damage to property.
- Install the batteries correctly by following the polarity (+ and –) indications in the battery compartment.
- Use only the types of batteries which are indicated in this manual.
- Do not install new batteries with used ones and do not mix different types of batteries.
- Do not dispose of the used batteries as domestic waste. Dispose of them in accordance with local regulations.
- If you are not going to use the unit for a long time, remove the batteries to avoid damage from battery leakage and corrosion.
- Due to the short battery life span of some alkaline batteries, it is recommended to use rechargeable batteries. You will need to purchase a charger to charge the rechargeable batteries. This saves cost and is more environment-friendly.



General Operation

Powering ON/OFF

When you first connect the unit, the display will show “**00:00 Scan Time**” and will attempt to synchronize to the current local time if you can receive a DAB signal in your location. After approximately one minute, it will switch to Standby mode.

- Press the  button to switch the unit to **ON** mode.
- Press the  button to switch the unit back to **STANDBY** mode.
- Disconnect the mains plug from the mains socket if you want to power off the unit off completely.

While using battery power,

1. Press and hold the  button to switch on the unit.
2. Press the  button again to switch off the unit.

Selecting Modes

Press the  button repeatedly to switch between **DAB, FM, CD, USB, Bluetooth®** and **AUDIO IN (AUX)** modes.

Adjusting the Volume

- Press the  and  buttons to increase/decrease the volume.

System Settings

Time Setting

Auto setting the clock

- The clock can be updated automatically if you can receive a DAB signal in your location. In order to synchronize to the current local time you must leave it on the DAB station for a short period of time.

Manually setting the clock (mains power only)




During Standby mode, press the / button to access time setting menu.




Set 12/24 Hour

Press  /  buttons to select **12H** or **24H**, then press  button to confirm.

Set Time

The hour digits will flash on the display.

Press  /  buttons to adjust the hour digits, then press  button to confirm. The minute digits will flash on the display.

Press  /  buttons to adjust the minute digits, press  button to confirm.

The time is now set.



- If you cannot receive any DAB signal, you can manually set the time. Once DAB signal is received, the time will be automatically updated.
- In DC battery mode, the set time will be restored to 00:00 after power off.

Equaliser


This system supports a variety of equalizers and sound effects.

Press and hold  (**EQ**) button to access the Equaliser menu, then press the

 /  buttons to select the EQ setting and press  button to confirm your selection.

Display Backlight


There are four backlight levels to choose from.

To set the backlight level, repeatedly press the  button when the unit is switched on, and the brightness of the display will change in sequence: Off>High>Medium>Low. The backlight setting at Standby mode will follow same setting as ON mode.

- In DC (battery) operation, the display will turn off when the radio is powered off. When the radio is on, the display will show full brightness and then go dim after 10 seconds to save power. If you press any button, it will brighten for 10 seconds.

Factory Reset

There may be times when you need to reset your unit back to the factory setting especially when you have moved house. If you experience reception problems you may want to reset and try again. If you move to another part of country and pick up the local and national DAB stations in that area, your previously tuned channels may no longer be available.








During DAB mode, open the CD door then press and hold  / **2** button until display show **"FACTORY RESET"**. And the factory reset will perform.

When successfully reset, it will enter STANDBY.








After the system reset, all the tuned stations, DAB & FM preset stations will be erased.




Language

1. To set the display language, during DAB/FM mode, press and hold the  button to enter into menu.
2. Press the  /  buttons to select **<Language>**, and then press the  button to confirm.
3. Press the  /  buttons to select the options and then press the  dial to confirm selection.

Software Version

1. Under **DAB/FM Mode**, press and hold  button to access menu, press the  /  buttons to select **<SW version>** and then press  button to confirm. Press  button to exit the "SW version".





DAB operation

If the unit is connected to the mains power and then switched on from standby for the first time, the unit will automatically enter into the DAB mode and perform an auto scan. During the scan the display will show **"Scanning..."** together with a progress bar and the amount of stations that have been found so far. Once the scan has finished, the unit will select the first alphanumerically found station. To explore the found stations, press  /  buttons to navigate and press  to choose a station.










Full Scan

The full scan will search for the entire DAB Band III channels. After the scan has finished, the first alphanumerically found station will be automatically selected.

1. You can enter the menu by press and holding  and selecting **<Full scan>**.
2. All the stations that have been found will be stored automatically. To explore and listen to the found stations, press  /  buttons to select and press  button to confirm the selection.








Manual Tune

As well as the normal method of scanning, you can also manually tune to a particular channel / frequency. This can be useful for adjusting your antenna to achieve the best possible reception and scanning a particular channel to update the station list.

1. Press and hold  button and then press the  /  buttons to select **<Manual Tune>**. Press the  button to confirm selection.
2. Press the  /  buttons to go through the DAB channels, which are numbered from **5A** to **13F**.
3. Press the  button to select the channel. You can then choose a station from that channel.







DRC (Dynamic Range Compression)

If you are listening to music with high dynamic range in a noisy environment, you may wish to compress the audio dynamic range.







1. Press and hold  button to display the menu.
2. Press  /  buttons to select "DRC" and then press the  button to confirm.
3. Press  /  buttons to select High / Low / Off.
4. Press the  button to confirm.

Save a Preset

You can store up to 30 of your favorite stations to the memory. This will enable you to access your favorite stations quickly and easily.

1. To store a preset, first tune in to the station that you would like to save, then press and hold  or  button for longer than 2 seconds, the display will show "**Preset # stored**" and then save the station.
2. To store in Presets # (1-30) press and hold  button for longer than 2 seconds, the display will show "<Save to P#>". Press  /  buttons to select preset location and press  button to confirm the station to save. The display will then show "**Preset # stored**".

Recall a Preset








1. To listen the preset stations 1 or 2, press  or  buttons and the unit will switch to desired corresponding preset location. If the preset has not been allocated, "**Preset Empty**" will be shown in the display.
2. To listen the preset stations 1-30, press  button once, then press  /  buttons to select the stored station and press  button to confirm. If the preset has not been allocated, "**Preset Empty**" will be shown in the display.




Storing a new station into a preset location will erase the previously stored station in that location.

Prune - (Removing Unavailable Stations)

You may remove all unavailable stations from the list.

1. Press and hold  button to display the menu.
2. Press the  /  buttons to select "**Prune**" and then press the  button to confirm.
3. Press the  /  button to select **<YES>**, and then press the  button to delete the unavailable stations.

DAB display modes

Press the  button, and the display will switch through the following display modes. The information of each display mode is displayed on the lower segment of the display.

Signal Strength

The display will show a slide bar to indicate the signal strength, the stronger the signal, the longer the bar will be from left to right.

Programme Type

This describes the “style” or “genre” of the programme that is being broadcast.

Ensemble

This displays the name of the multiplex that contains the station you are listening to. A multiplex is a collection of radio stations that are bundled and transmitted on one frequency. There are national and local multiplexes. Local ones contain stations that are specific to that area.



DAB – unlike normal radio, groups together several radio stations and transmits them on one frequency.

Frequency

This displays the frequency of the present station, such as “11C 220.352MHz”.

Signal Error

This displays a number showing the error rate. If the number is 0, it means the signal received is error free and the signal strength is strong. If the error rate is high, it is recommended to re-orient the aerial or re-position the unit.

Audio Bit Rate

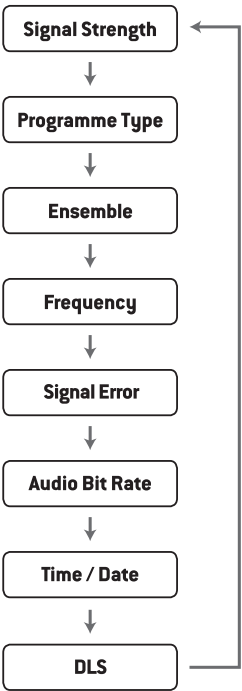
The display will show the digital audio bit rate being received.

Time / Date

This displays the current time and date provided automatically by the broadcaster.


DLS (Dynamic Label Segment)

Dynamic label segment is a scrolling message that the broadcaster may include with their transmissions. The message usually includes information, such as programme details etc.





FM operation

Switching from DAB to FM mode

To switch the unit to **FM** mode, press the  button repeatedly to select FM mode. The display will show the station name (or frequency if RDS not available).

Auto Scan

To scan up/down the frequency band, press and hold the  /  buttons. Once a station has been found, the scanning will stop automatically.



The search may not stop at a station with a very weak signal.

Manual Scan








To search for FM stations manually, press the  /  buttons repeatedly until your desired frequency is reached.



With FM radio it may be necessary to fine tune each station by pressing the < or > buttons repeatedly. Each press will decrease/increase the frequency by 0.05MHz. If reception is still poor, adjust the position of the aerial or place the unit to another location.








Scan Setting

This is a scanning option to scan all stations, or just scan stations with a strong signal.

1. Press and hold  button, then press  /  buttons to select **<Scan Setting>**. Press  button to confirm.
2. Press  /  buttons to select **"Strong stations Only"** or **"All Stations"**. Press the  button to confirm.







Audio Setting (Stereo/Mono FM)

This unit will automatically switch between stereo and mono mode, but you can override this and switch this function manually. Set to **"Forced Mono"** for weak stations to improve the reception. Set to **"Stereo Allowed"** for better audio.







1. Press and hold  button, then press  /  buttons to select **"Audio Setting"**. Press the  button to confirm.
2. Press  /  buttons to select **"Stereo Allowed"** or **"Forced Mono"** and then press the  button to confirm.

Save a Preset

You can store up to 30 of your favorite stations to the memory. This will enable you to access your favorite stations quickly and easily.

1. To store a preset, first tune in to the station that you would like to save, then press and hold  or  buttons for longer than 2 seconds, the display will show **"Preset # stored"** and then save the station.
2. To store in Presets # (1-30) press and hold  button for longer than 2 seconds, the display will show **"<Save to P#>"**. Press  /  buttons to select preset location and press  button to confirm the station to save. The display will then show **"Preset # stored"**.

Recalling a Preset

1. To listen the preset stations 1 or 2, press the  or  button and the unit will switch to desired corresponding preset. If the preset has not been allocated, **"Preset Empty"** will be shown in the display.
2. To listen the preset stations 1-30, press  button once, press  /  buttons to select the stored station and press  button to confirm. If the preset has not been allocated, **"Preset Empty"** will be shown in the display.



Storing a new station into a preset location will erase the previously stored station in that location.

FM display modes

Press button, the display will switch through the following display modes.

The information of each display mode is displayed on the lower segment of the display.

Radio Text

As with DAB, the broadcaster can include a scrolling text that displays information about the current program.

Programme Type

This describes the "style" or "genre" of the programme that is being broadcast.

Frequency

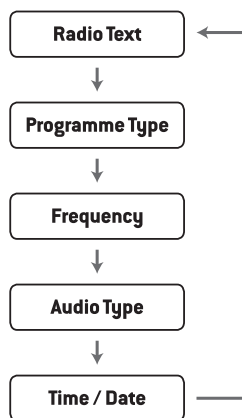
This displays the frequency of the present station, such as "87.50 MHz".

Audio Type

This displays if the station being received is in mono or stereo.

Time / Date

The broadcaster (Radio station) provides clock and date information automatically so there's no need to manually set this information.



CD Operation

Press the button repeatedly to select CD mode.

Playback

1. Lift up the top CD door to open the disc tray.
2. Place the CD with the label side up into the CD compartment, and then push down the CD door to close the disc tray. The CD will playback automatically.
3. If there is no disc or the disc can't be read, "**NO CD**" or "**UNKNOWN CD**" will show on the display.
4. This unit can play CD, CD-R, CD-RW disc, and can play MP3 file format in the CD mode.

To pause playback

1. Press the button to pause the playback.
2. To resume playback, press the button again.







To stop playback

Press button to stop playback.

Skipping to another track

- Press the / buttons to skip backwards to the beginning of the track or previous track or skip forwards to the next track.
- Press and hold the / buttons to perform fast forward/reverse playback.



Repeat and Random playback

1. During playback mode, press the  button once, "**Rep One**" will show on the display. The CD will play the current track repeatedly.
2. Press the  button again, "**Rep All**" will show on the display. The CD will play all tracks repeatedly.
3. Press the  button again, "**Random**" will show on the display. All tracks on the disc will be played randomly. Press  /  buttons to playback the next random track.
 - After all the tracks have played once, the playback will stop automatically.
4. Press the  button once more again, the **REPEAT** or **RANDOM** function will turn off.


Programme cancel

To cancel the programme, press the  button twice, or open the disk tray and then close it again.

Intro playback

- During playback mode, press the  button and the "**INTRO**" indicator will show on the display. The unit will play the first 10 seconds of each track.
- Press the  button again to resume normal playback.






USB operation

1. There is a USB socket located at the front of the unit for charging your device, or for playing audio directly from USB flash media. When a USB device is connected to the unit, press the  button repeatedly to select USB mode.
2. The unit will automatically playback the tracks.
3. All playback features are the same as if you were playing an MP3 CD.



- The unit can only play MP3 file format in USB operation.
- This unit supports USB versions 1.1 and 2.0.
- The unit may not be compatible with all USB devices / memory / file formats. MS-DOS formatting is required.

USB Repeat and Random Playback

- Press the  button once, "**Rep One**" will show on the display. It will play the current track repeatedly.
- Press the  button again, "**Rep Album**" will show on the display. It will play the current folder repeatedly.
- Press the  button again, "**Rep All**" will show on the display. It will play all files repeatedly.
- Press the  button again, "**Random**" will show on the display. It will play all files randomly. After all the tracks have played once, the playback will stop automatically.
- Press the  button once more again, the repeat and random function will turn off.

Charge your device

You can charge your device through the USB socket on this unit with a USB cable (not supplied).






- The maximum current for USB charging is 1A.
- All devices for USB charging are not guaranteed.

Bluetooth® Operation

The unit has a Bluetooth® function that can receive a signal within approximately 8 metres.

Pairing the unit with a Bluetooth device to listen to music:




1. While in the **ON** mode, press the  button repeatedly to select Bluetooth mode.
2. If the unit is not paired with any Bluetooth device, the display will flash **"BT LINK"**.
3. Activate your Bluetooth device and select the search mode.
4. **"Zoombox 4"** will appear on your Bluetooth device list.
5. Select **"Zoombox 4"** and enter **"0000"** for the password if necessary.
6. To disconnect the Bluetooth function, press the  button to switch to another mode or disconnect the function from your Bluetooth device.
7. Press and hold  button to put the unit into Bluetooth pairing mode.



- If the signal strength is weak, your Bluetooth receiver may disconnect, but it will re-enter pairing mode automatically.
- For a better signal reception, remove the obstacles between the unit and the Bluetooth device.
- This unit supports A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio Video Remote Control Profile) functions. This can only be paired with one Bluetooth device at one time.
- Compatibility with all devices and media types is not guaranteed.

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Auxiliary Input


1. There is an AUX IN socket located at the side of the unit. Analogue audio sound signals from other audio sources can be input to the unit through this socket.
2. Connect the input to another audio device via an AUX cable (not included) with AUX IN socket.
3. Press the  button repeatedly to select **"AUDIO IN"** mode.
4. Press  /  buttons to adjust the volume control for your desired sound output level.
5. In **"AUDIO IN"** mode, operate your connected audio device directly for playback features.






- When connecting the external audio device, refer to the owner's manual of the external device.
- Examples of External Audio Device that can be connected to the unit are: Portable MP3 Players, Cassette Players, Mini Disc Players, DVD Players, etc.

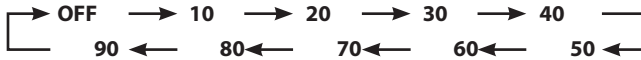


4-hour playback:


- If the unit is in **"AUDIO IN"** mode more than 4 hours, it will automatically switch to standby mode.
- 10 minutes before entering standby, **"AUTO-OFF"** will flash on the display.
- Press the  button to cancel auto off function.

Sleep





















Press and hold the  button, then press  /  buttons to select the sleep delay time in minutes. The number of minutes shown will display in sequence:





Press  button to confirm the selection.


Once you select a sleep delay period, the screen will display "  " icon to indicate that the sleep function is activated.

Daily Timer (Mains Power Only)

1. In Standby mode, press  /  button to enter timer setup menu. The display will show "On Timer", and the hour digits flash.
2. Press  /  buttons to adjust the hour digits, and then press  button to confirm. The minute digits will flash on the display.
3. Press  /  buttons to adjust the minute digits, and then press  button to confirm.
4. When on time clock set, the display will show "Off Timer" and the hour digits will flash.
5. Press  /  buttons to adjust the hour digits, and press  button to confirm. The minute digits will flash on the display.
6. Press  /  buttons to adjust the minute digits, and then press  button to confirm.
7. Finally press  /  buttons to select source between **DAB**, **FM**, **DISC** or **USB** mode, then press  button to confirm. The display will show "VOL#". Press  /  buttons to adjust the volume, then press  button to confirm.

To activate / cancel the daily timer

Press and hold  button to select "Timer On". The "  " icon will show on the display to indicate the timer in on.

Press and hold  button again to celar the timer.

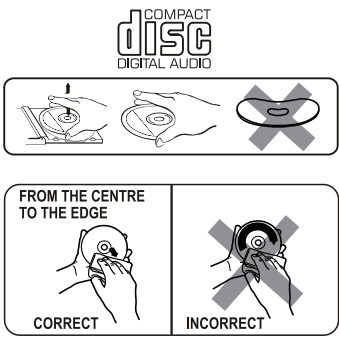
Maintenance

Handling Discs

- Do not touch the playback side of the disc.
- Do not attach paper or tape to the disc.

Cleaning Discs

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.
- If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray. They may damage the disc.



Storing Discs

- Do not store discs in places subjected to direct sunlight or near heat sources.
- Do not store discs in places subjected to moisture and dust such as a bathroom or near a humidifier.
- Storing discs vertically in a case, stacking discs or placing objects on discs outside of their cases may cause warping.

Specifications

Model	Zoombox 4
Power Supply	AC 100-240V ~50/60Hz, 18W
Battery	DC 1.5V R14/C size x 6
Bluetooth version	V5.0
Maximum Transmitted Power	<10 dBm (EIRP)
Output Power	2 x 1.5W RMS
USB Power	5V --- 1A
Frequency Range	DAB 174-240 MHz FM 87.5 – 108 MHz
Compact Disc	Frequency Response: 20 Hz – 20 kHz
Operating Temperature	5°C to +35°C
Unit Dimension	approx. 270 mm (W) x 212 mm (D) x 116 mm (H)
Unit Net Weight	approx. 1.23kg

Features and specifications are subject to change without prior notice.