

# PORTABLE CD CASSETTE BOOMBOX



MODEL: CD-X2

USER MANUAL

PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT AND RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

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## PRECAUTIONS BEFORE USE

1. Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure or fire or electrical shock. Keep below instructions in mind.
2. Do not cover or block any ventilation openings. When placing the device on a shelf, leave 5cm (2") free space around the whole device.
3. Stop operation immediately if any liquid or solid object fall into the cabinet. Unplug the player and have it checked by qualified personnel.
4. Keep the player away from heat sources such as radiators, heaters, stoves, candles and other heat-generating products or naked flame. Working temperature between 0° and 35°C.
5. Avoid using the player near strong magnetic fields
6. This player must operate on a power source as specified on the specification label.
7. Unplug this player during lightning storms or when unused for a long period.
8. Make sure this player is adjusted to a stable position. Damage caused by using this player in an unstable position vibrations or shocks or by failure to follow any other warning or precaution contained within this user manual will not be covered by warranty.
9. To clean the device, use a soft dry cloth. Do not use solvents or petrol based fluids.

|                                                                                                                                                                               |                                                          |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                            | <b>WARNING</b><br>Risk of electric shock<br>Do not open! |  |
| Caution: To reduce the risk of electric shock, do not remove the cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel. |                                                          |                                                                                       |

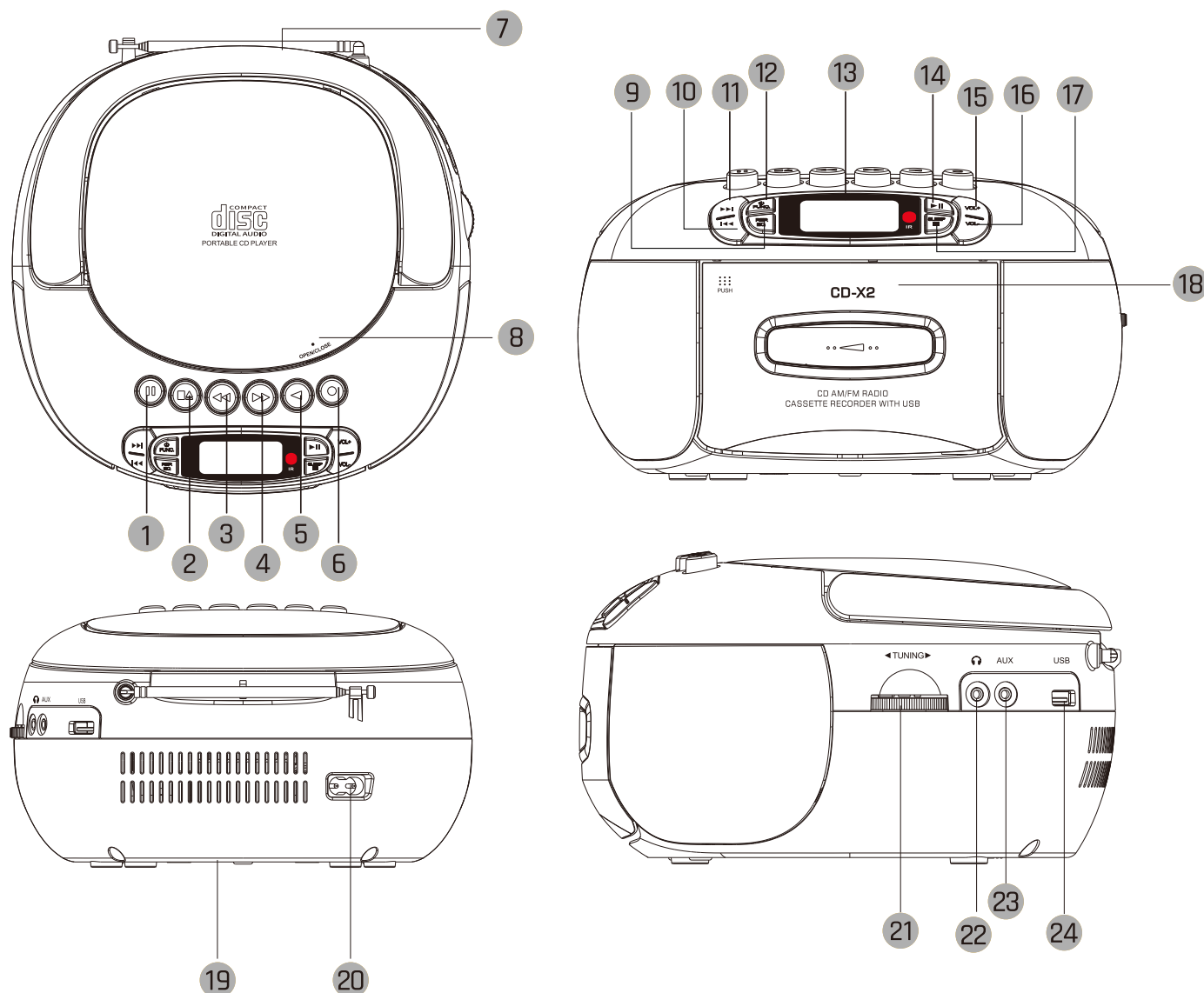


**This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.**



This symbol indicates the presence of important operating and maintenance instructions for the device

## LOCATION OF CONTROLS



### 1. Tape Play Pause/Resume

### 2. Tape Stop/Eject

### 3. Tape Fast Forward

### 4. Tape Fast Rewind

### 5. Tape Play

### 6. Tape Record

### 7. FM Antenna

### 8. CD Door Open/Close

### 9. Repeat/EQ

Press and hold to change EQ

Press to repeat or shuffle CD/USB

### 10. Previous Track

Press to skip to previous track for CD/USB/BT

Press and hold to fast backward CD/USB

### 11. Next Track

Press to skip to next track for CD/USB/BT

Press and hold to fast forward CD/USB

### 12. Power/Function

Press to turn on, press and hold to turn off

Press to switch function after turn on

### 13. LCD display

### 14. Play/Pause

Press to pause or resume CD/USB/BT play

### 15. Volume increase

Press to increase incrementally

Press and hold to increase rapidly

### 16. Volume decrease

Press to decrease incrementally

Press and hold to decrease rapidly

### 17.Sleep Timer/Stop

Press to set sleep timer when play

CD/USB/Radio/BT/AUX

Press and hold to stop CD/USB/BT play

18.Tape Door

19.Battery Case

20.AC Socket

21.Radio Tuner

22.Earphone Jack 3.5mm

23.Audio in Jack 3.5mm

24.USB stick socket

## INSTALLATION

### CONTENT OF DELIVERY

- Main unit
- Instruction manual
- Power cable
- Remote control

### POWER SUPPLY

- Ensure that the voltage is the same as that indicated on the model identification plate.
- Connect the supplied power cable to a properly installed safety power socket and at the mains connector AC on the right side of the unit.

### BATTERY OPERATION

1. Open the lid of the battery compartment at the bottom of the unit.
2. Insert 6 batteries of type UM-2 ("C" size) 1.5 V. Please ensure that the polarity is correct (see indicated in the battery compartment).
3. Then close the battery lid.

#### **Caution about the use of Batteries:**

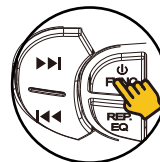
- ✦ Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- ✦ Replacement of a battery with an incorrect type that can result in an explosion or the leakage of flammable liquid or gas.
- ✦ Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- ✦ Attention should be drawn to the environmental aspects of battery disposal.

## BASIC OPERATION

### **POWER ON / OFF**

Press the power button on the cd boombox to turn on;

Press and hold power button on the cd boombox to turn off.



### **ADJUSTING VOLUME**

Press the vol+ or vol- button to increase or decrease incrementally.

Press and hold vol+ or vol- button to increase or decrease rapidly.

### **SOUND ADJUSTMENT**

When play, classic, rock, pop and jazz type of sound effect are settable.

Press and hold the REP./EQ button for 2 seconds, current sound type shall display on screen, and then press REP./EQ button quickly to switch cycle through FLA-CLA(Classic)-ROC(Rock)-POP-JAZ(Jazz) ,(FLA is normal sound)

## HEADPHONE

Use headphones with a 3.5mm jack plug and connect them to the headphones socket on the right side of the system. The speaker will be muted.

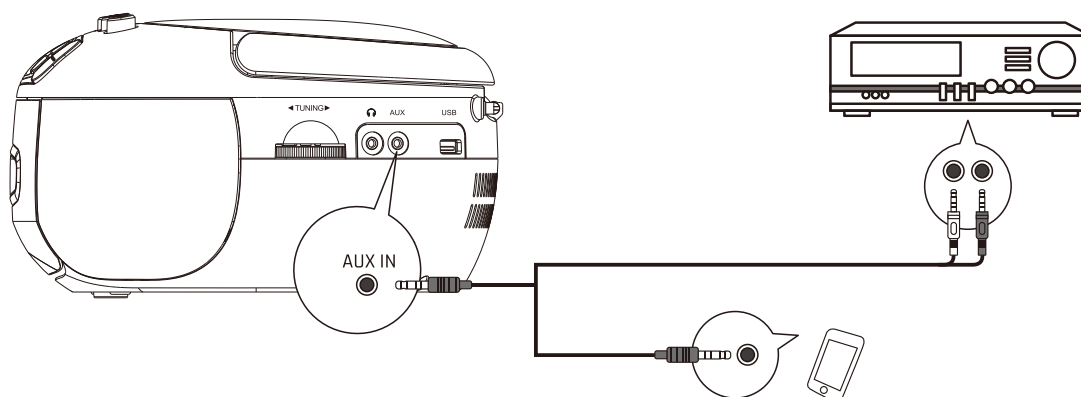


To prevent possible hearing damage, do not listen at high volume levels for long periods.

## AUDIO IN CONNECTION

Use this function to amplify audios from external device with earphone or audio out.

1. Use audio cable (not included) to connect the 3.5mm AUX input jack of the player to the 3.5mm headphone or line-out jack of the external audio source.
2. Press **FUNC.** button repeatedly till "AUX" shows up on the screen.
3. Use the audio source to control playback (eg., stop, play, next, previous)
4. Use the audio source or /and the cd player to increase or decrease volume.



## SLEEP TIMER SETTING

When playing, press the **SLEEP** button repeatedly to set the desired sleep timer cycle through 90 to 0 minutes (OFF). The sleep timer will be set automatically after showing up on the screen.

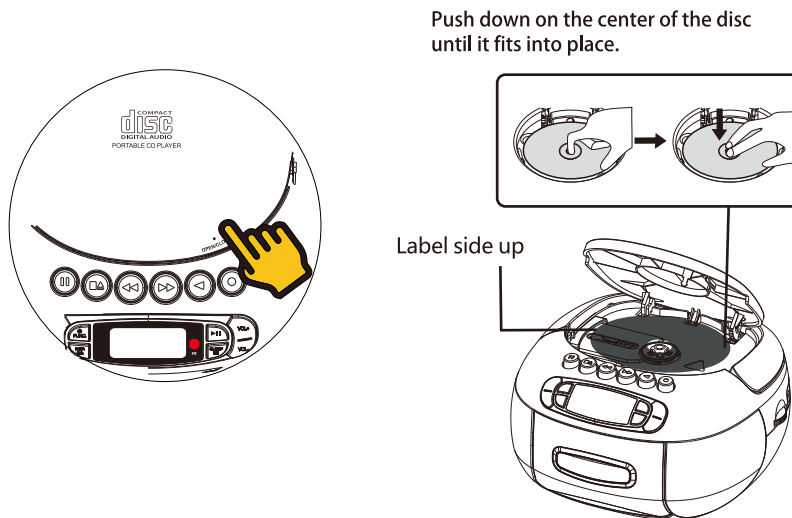
When time up, the player will turn off automatically.

**Note:** Sleep timer works once at a time.

## CD PLAY OPERATION

- Load in CD disc

1. Press the right corner of CD door where marked with OPEN/CLOSE to open cd door.
2. Load in the CD disc into compartment with its label facing up and close the cd door.



- Playing CD disc

- ❖ Press the power button to turn on the CD player, may you press the FUNC. button to switch to CD mode. The screen will show “CD” and flash “-----”, and then begin to read the disc in the player. It will start playing from track 1.

Note: LCD screen will show “NOd” if there is no disc or the insert disc is not playable after turn on. Please load in the right disc and close the CD door to start CD playing.

- ❖ Press or press and hold the VOL- and VOL+ to adjust volume.
- ❖ To pause play, press the ►|| button while a disc is playing. “PLAY” will flash on the screen
- ❖ Press the ►|| button to resume playback when paused
- ❖ Press the ►► button to skip to next track.  
The screen will update the track number and display the playing time.  
Press and hold ►► button to advance quickly through current track.  
Release the button to resume normal playback.
- ❖ Double click the ◀◀ button to skip back to the previous track. The screen will update the track number and display the playing time.  
Press and hold the ◀◀ button to rewind through current track quickly.  
Release the button to resume normal playback.  
Note: Quickly double click ◀◀ button to skip to the previous track.  
A single click will skip to the beginning of the current track.
- ❖ To stop playback, press the ■ button.

- **Repeat and shuffle play**
- ❖ **Single track repeat:**press the **REP.** button,the repeat sign “” flashes on the screen.The current track will replay repeatedly until play stopped.
- ❖ **All tracks repeat:**press the **REP.** button repeatedly until the repeat sign “” is fixed on the screen.The player will replay all tracks until play stopped.
- ❖ **Shuffle play:**press the **REP.** button repeatedly until the random sign “**RAND**” appears on the screen.The player will play randomly until play stopped.
- ❖ **Resume sequential play:**press the **REP.** button repeatedly until neither the repeat sign “” nor random sign “**RAND**” shows on the screen.  
The player will play tracks sequentially and stop after the last track played.

## USB PLAY OPERATION

1. Insert a USB device(MAX with 32GB,MP3 or WMA formats) into the USB port.
2. Press the “**FUNC.**” button to switch to USB mode,the LCD screen shall show “USB”
3. The USB play operations are similar as CD play.

## CASSETTE PLAY OPERATION

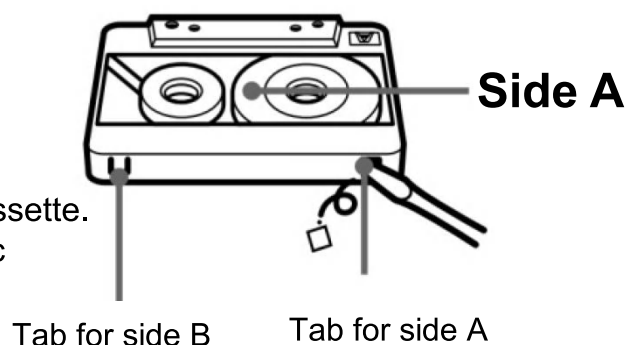
1. Press the “**FUNC.**” button repeatedly to switch to tape mode,LCD screen will show “TAP”
2. Press the “**TAPE STOP/EJECT**” button to open the tape door,insert a playable cassette into the cassette tray and close the tape door, press “**TAPE PLAY**” to start playback
3. To fast forward, press the “**TAPE F.FWD**” button in. To stop fast forwarding and resume playback, press the “**TAPE PLAY**” button.
4. To rewind, press the “**TAPE REWIND**” button in.To stop fast rewind and resume playback, press the “**TAPE PLAY**” button.
5. To stop the playback, press the “**STOP/EJECT**” button once. To eject the cassette, press the “**STOP/EJECT**” button again.

**Note:** The play stops automatically when the tape reaches to its end.

Remove the cassette from the cassette holder when it is not in use.

## CASSETTE RECODING

Note: Most cassettes feature a protective plastic strip which, when removed, will not allow any recording to be made to the cassette. When the plastic strip has been removed, the Record button will not function when attempting to record to the cassette. To record to a cassette which no longer has a plastic strip, use adhesive tape to cover the strip opening.



Use this function to record CD/USB/Bluetooth/AUX in/Radios to tape. Follow below steps:

**Note:** External sound/voice can not be recorded.

1. Press the **FUNC.** button to switch to desired mode and play for recording
2. Insert a recordable cassette tape and close the tape door.
3. Press the **"TAPE RECORD"** button to start recording the playing sound.
4. To pause the recording, press the **"PAUSE"** button.
5. To stop the recording, press the **"STOP/EJECT"** button.

## CASSETTE CARE

To avoid tape jamming, tape tangling, or playback issues, please follow these tips:

- Check that there are no loose layers of tape visible through the cassette center window. If there are, manually wind up loose tape using a pencil or hexagonal barrelled ballpoint pen.

Note: If the cassette feels tight when manually winding, the tape may be jamming from ridges formed in the winding of the tape (visible through the center window). These may be removed, in most cases, by fast forwarding the cassette to the end, and then rewinding it to the beginning.

- When recording, use new high-quality, brand name tapes.
- Do not expose cassettes to direct sunlight, fluorescent lights, dust, or oils.
- Do not touch the surface of the tape.
- Before storing tapes, rewind or fast forward them to the end of a side.
- Store tapes in a dry, temperate environment

## TAPE HEAD CLEANING

For continued high performance, periodically clean the head, pinch roller, and capstan every 10-20 hours of operation.

To clean the tape deck:

1. Power off boombox.
2. Press the Stop/Eject button to open the cassette holder.
3. Remove any tape in the deck.
4. Moisten a new cotton swab with isopropyl alcohol (70-80%).
5. Carefully rub the face of each head, pinch roller, and capstan with the moistened cotton swab.
6. Let the cassette holder dry for 5-10 minutes before putting a tape back in it

## RADIO PLAY OPERATION

1. Press the “**FUNC.**” button repeatedly to switch to FM or AM mode. The screen shall indicate the radio band and some station frequency.
2. Rotate the “**TUNING**” knob to search the desired radio station.

### Note:

- When operating in “**FM**” band radio, pull out the TELESCOPIC ANTENNA completely and adjust the position to get a better reception.
- When operating in “**AM**” radio, try various directions for optimum reception. This unit has a built-in ferrite antenna.

## BLUETOOTH PLAY OPERATION

The CD player has a Bluetooth reception function. Make sure the working distance is within 10 meters. Different environment may have effect on the working distance.

1. Press the “**FUNC.**” to switch to bluetooth mode, the LCD screen shall show and flash with “bt”
2. Activate the Bluetooth function on your Bluetooth device and select “**CD-X2**”. There is a prompt after paired successfully, and the “bt” on screen will be solid.
3. Press the “**▶||**” button to start or pause the playback.
4. Press “**◀◀ / ▶▶**” to skip to the previous or next track.
5. Repeat step 1 and 2 if connecting fails till succeeds.

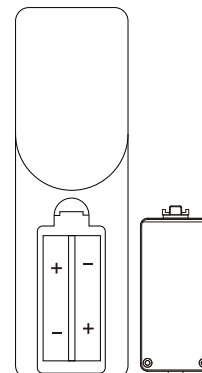
The player will automatically connect to your bluetooth device the next time it is within range and has bluetooth enabled.

If wish to connect with a new device rather than current connecting, press and hold the stop **▶||** button to disconnect, the player will be pairing mode for new connecting.

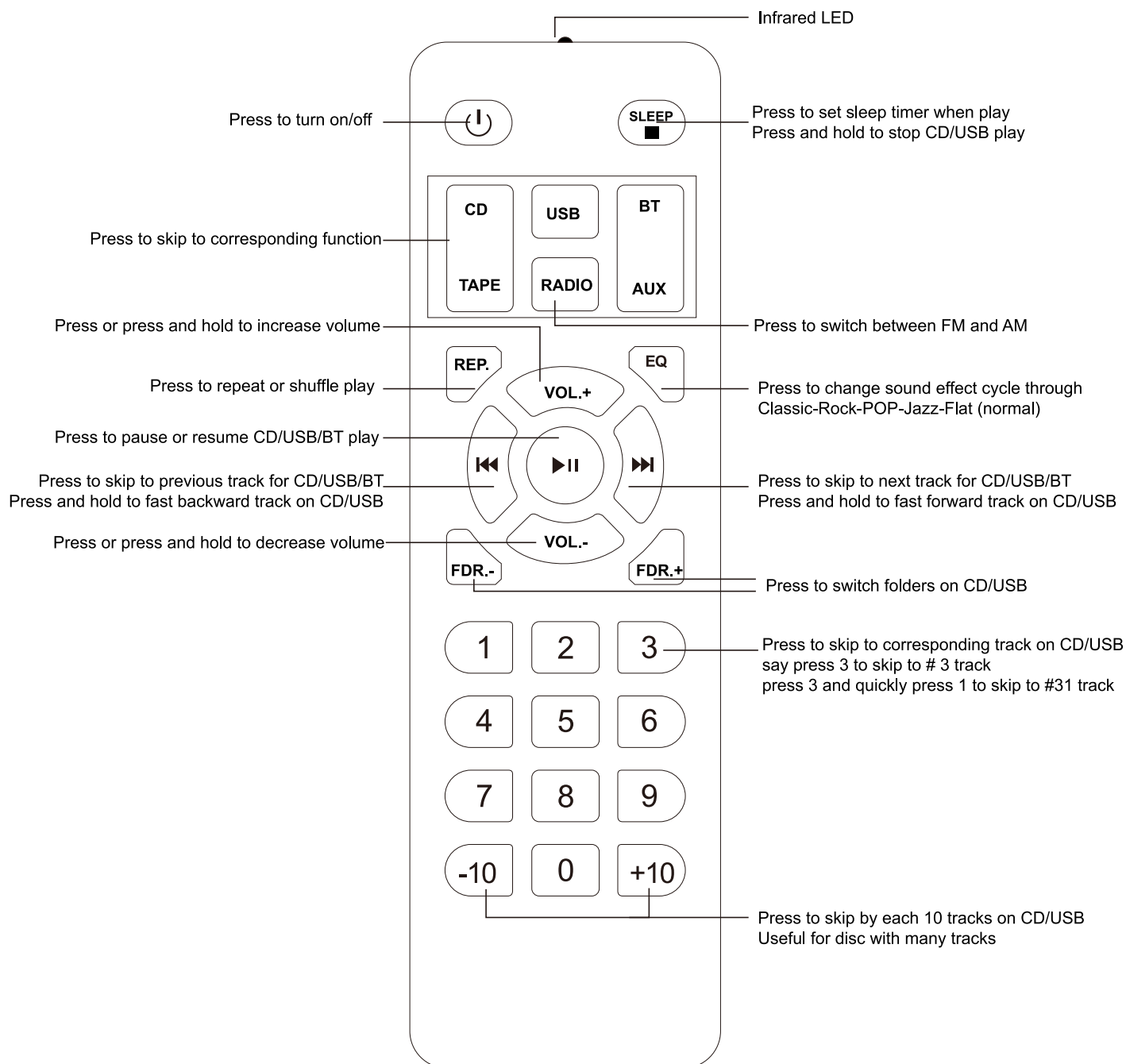
## USE REMOTE CONTROL

### REMOTE BATTERY LOADING

1. Press down the tab on the remote control battery door, in the direction of the arrow, to remove it.
2. Insert the 2 x AAA batteries, taking care to the + and - markings and position the batteries the correct way around.
3. Replace the battery cover, making sure that it “clicks” shut.



## REMOTE CONTROLS DIAGRAM



## TECHNICAL SPECIFICATIONS

|                      |                                                                                |
|----------------------|--------------------------------------------------------------------------------|
| AC Power input       | 120/ 230 V~ 50/60Hz                                                            |
| Battery operation    | DC 9V (6 x 1.5V LR14 / UM <sup>2</sup> / “C”)                                  |
| FM / AM / SW range   | FM                    87.5 – 108.0 MHz<br>AM                    540 – 1710 kHz |
| Speaker output Power | 2W+2W RMS                                                                      |
| Earphone jack        | 3.5mm                                                                          |
| Bluetooth® Version   | Paring NO.CD-X2<br>Version 5.3<br>2.4 GHz                                      |
| USB memory format    | Max. 32GB<br>MP3 & WMA<br>FAT32                                                |
| Unit size:           | 216*213*122mm<br>8.5*8.4*4.8 inches                                            |
| Weight:              | 1.8kgs<br>3.96Lb                                                               |

## COMPLIANCE WITH FCC REGULATIONS

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and receiver . - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. - Consult the dealer or an experienced radio/TV technician for help. RF Exposure The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.