Multi-Band Wooden Box Radio

BT.TF Card.Aux-in Bass Music Player

Model：HRD-802

Thank you for your purchase. Before using it, please read this operation guide carefully and keep it properly for future reference.

1.product brief introduction

Continuous product innovation to meet the diverse needs of a wide range of users has always been the guiding principle of our company in developing new products.

HRD-802，It is a product that breaks the traditional radio's predicament of indoors having difficulty receiving MW, SW.....，When the radio is used with the factory-standard accessory of the signal repeater in the indoors，It can easily receive signals from outdoor MW, SW, AIR, V.UHF walkie-talkie bands.

This product features this unique innovative function and also multi-mode integrated functions into one.

It is equipped with a wooden shell, featuring a beautiful texture and hard quality. It has excellent sound conduction and resonance effects. Two 5W iron-shell external magnetic speakers are designed.The high, medium and low tones flow smoothly and naturally.Use a VA high-definition LCD display,Supports multi-band reception, has a large memory space, and each band can store 200 radio stations.，Supports intelligent remote control via APP, supports Bluetooth playback, and TF card playback，Connect to the computer / Connect to the 3.5mm audio source input as a music player，Support internal recording in the radio，Using three 18650 high-capacity lithium batteries ...

The product is highly functional and is your ideal choice. We hope this product will bring more joy to everyone!

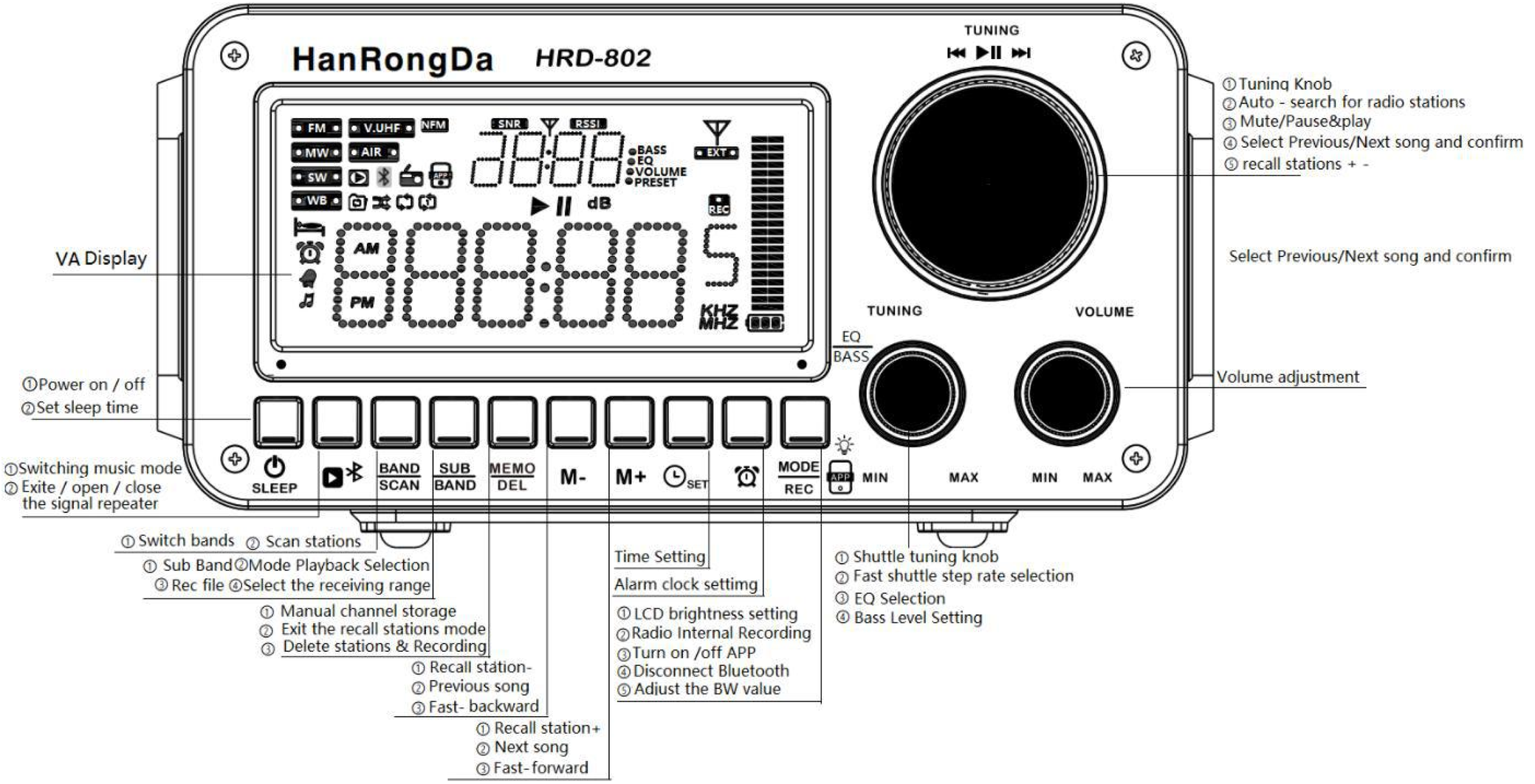
2. Contents of the package

ITEM for Radio	QTY
HRD-802 Multi-Band Wooden Box Radio	1
18650 lithium battery，2500mah 3.7V	3
Carry bag	1
USB TYPE-C Data charging cable	1
Audio cable（3.5mm plug）	1
Screwdriver	1
Operational guideline	1
Packing box	1

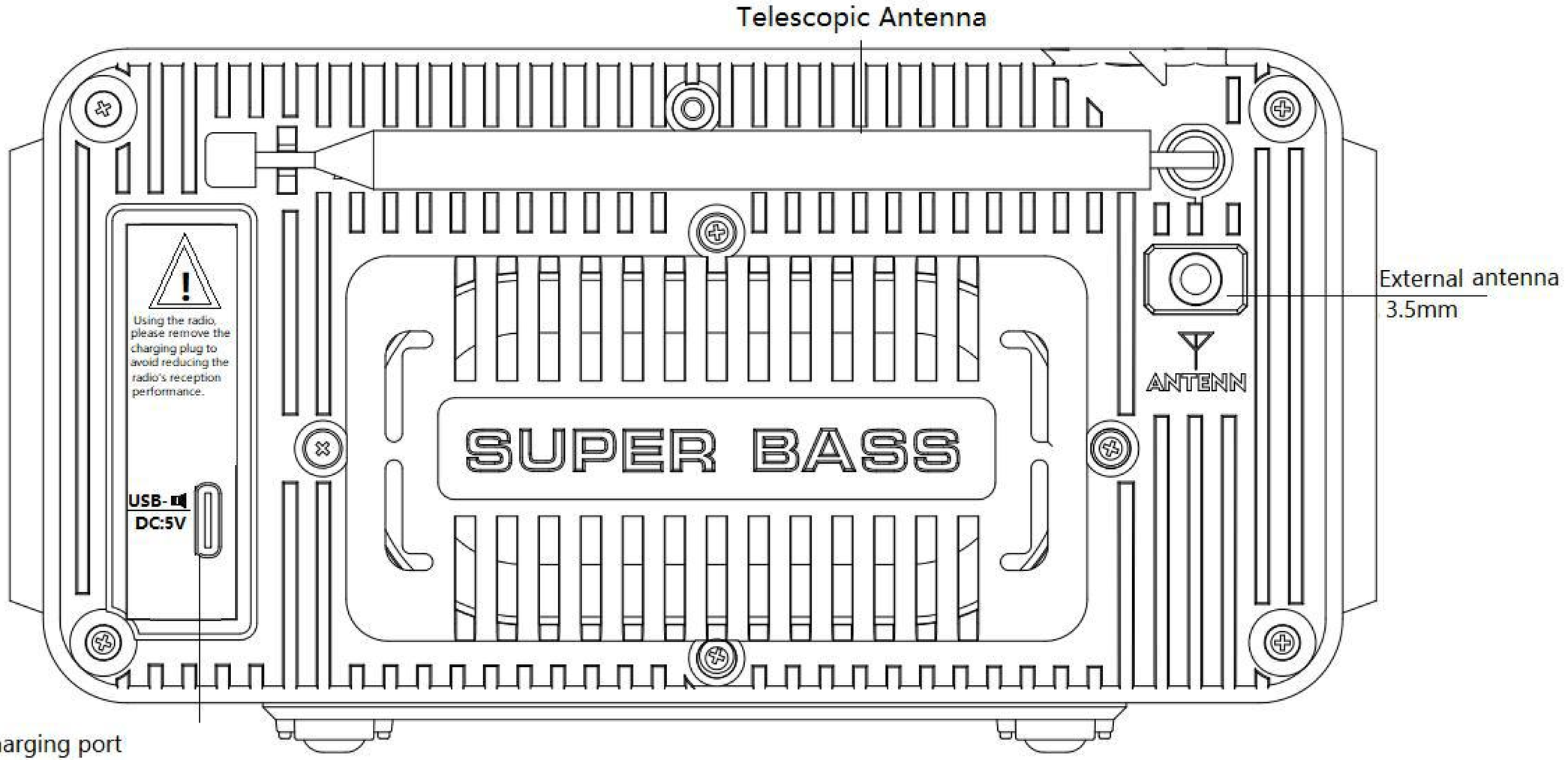
ITEM for Signal Repeater	QTY
HRD-802/W3 Radio Signal Repeater	1
18650 lithium battery，2500mah 3.7V(Built-in product)	2
Punch-free hook	1
Signal receiving antenna (3.5mm plug, with a length of 3 meters)	1
Signal transmitting antenna(SMA needle,Length: 20 cm)	1
USB TYPE-C charging cable	1

3.Appearance is presented through a schematic diagram

3-1 Front：



3-2：Back

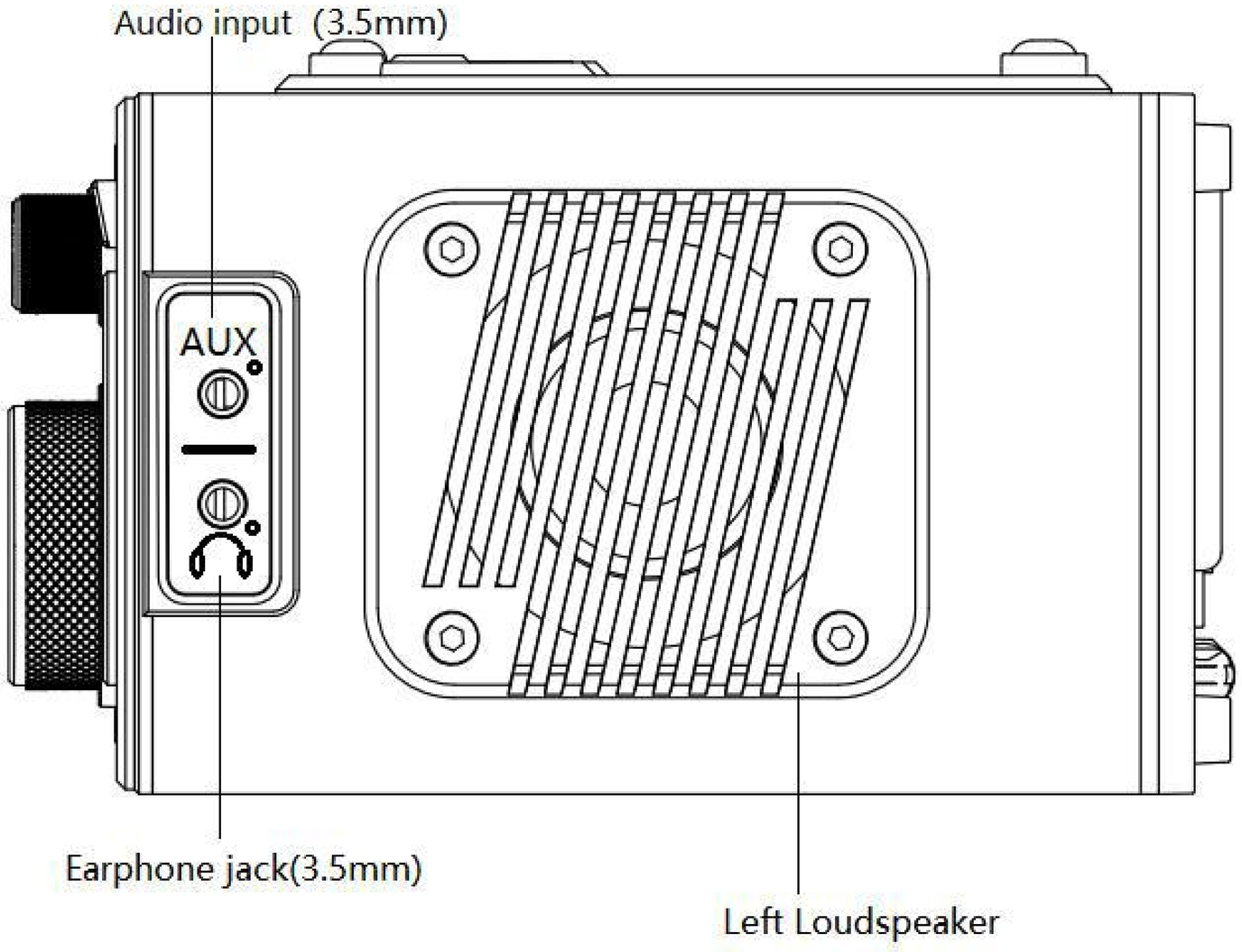


① Charging port

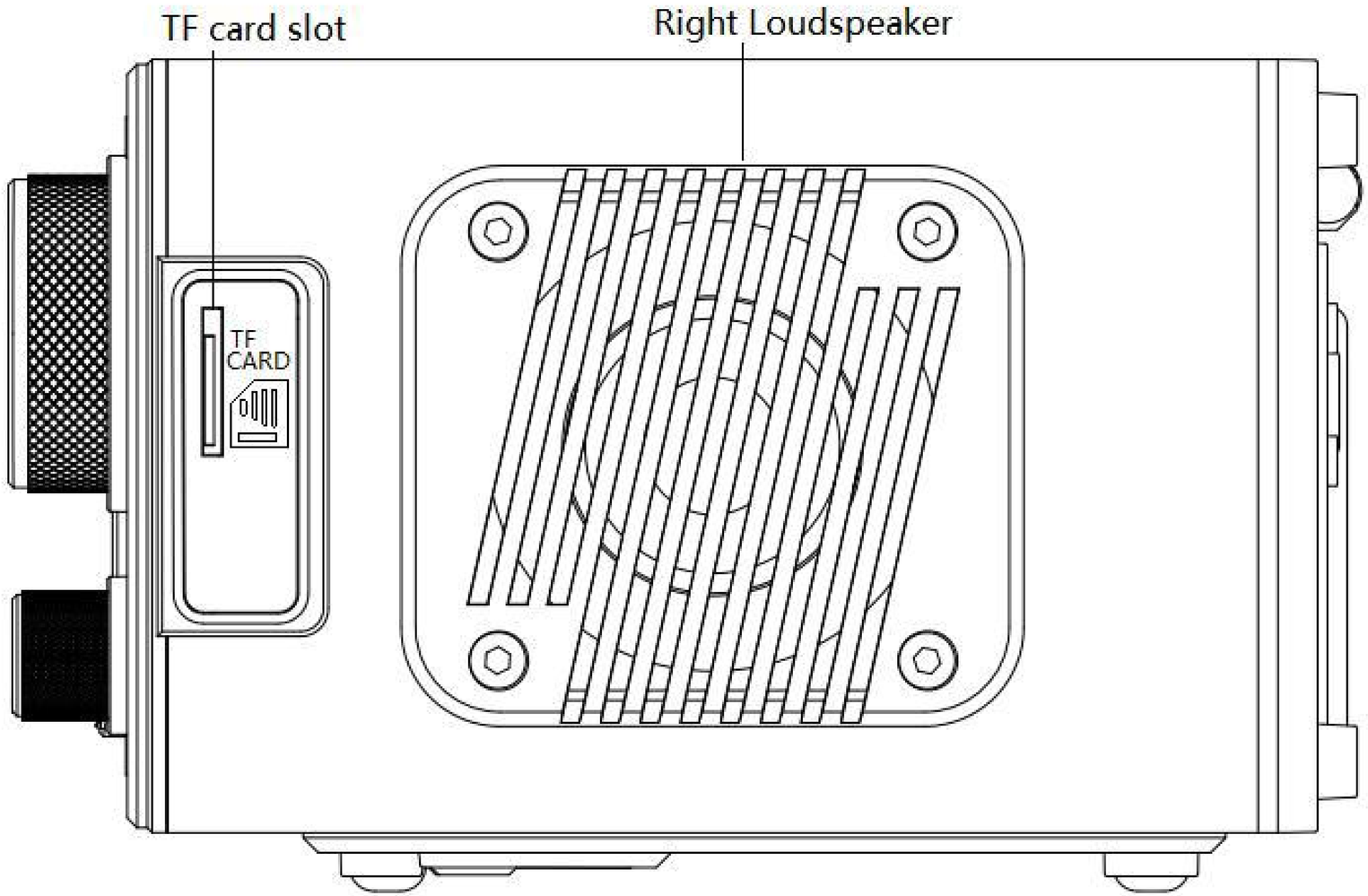
② Connect the computer audio input

③ Connect the computer as a card reader

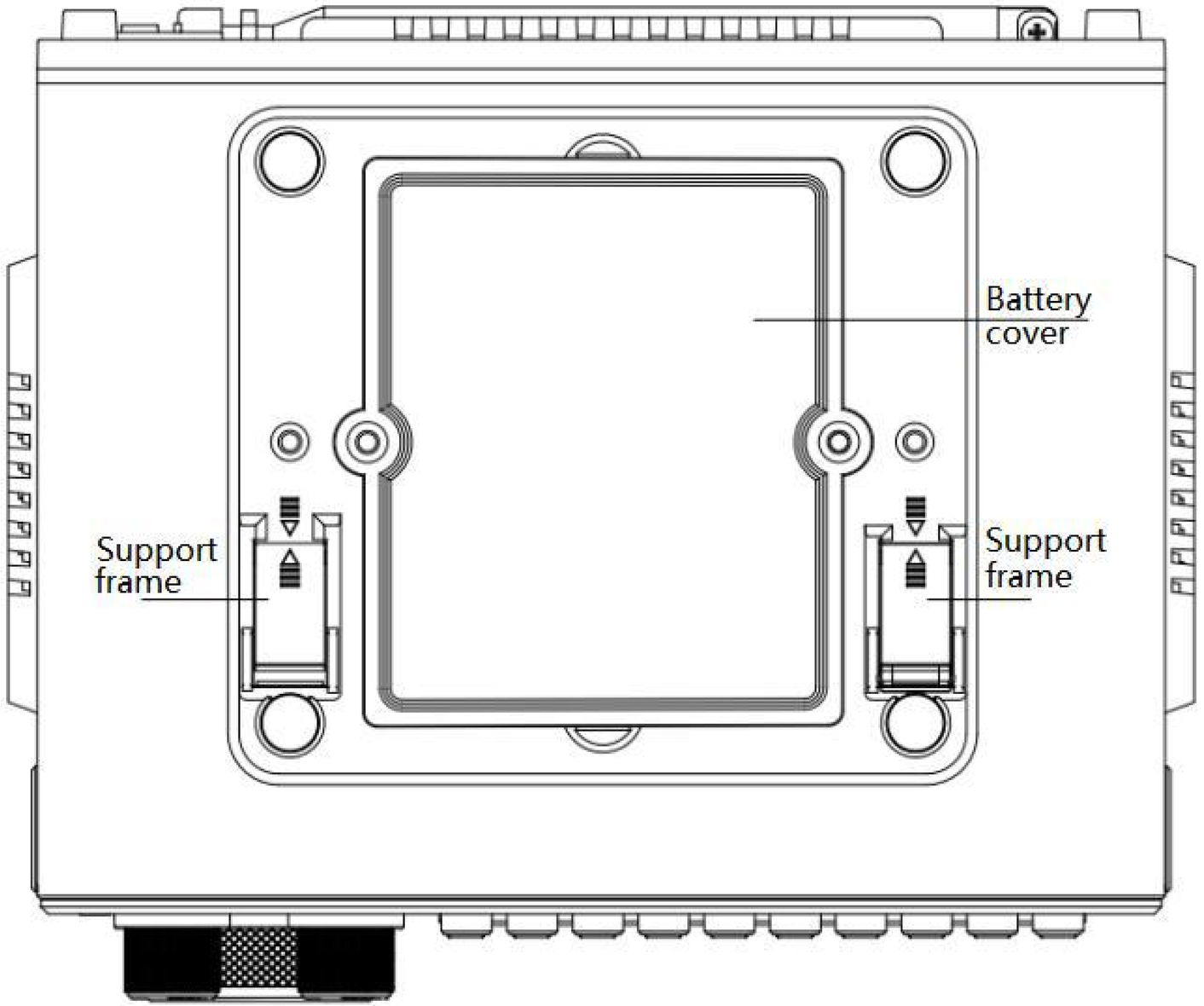
3-3 Left side



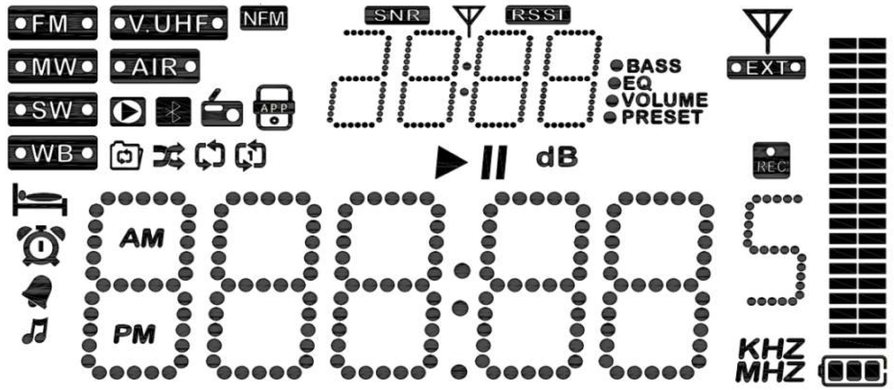
3-4 Right side



3-5 Bottom



4.Display Content



Symbol	Content	Symbol	Content	Symbol	Content	Symbol	Content
FM	FM working mode		Alarm ringing method		BT working mode	EXT	Flashing:wait connect repeater Always display:connected repeater
MW	MW working mode		Automatic startup mode	APP	APP	kHz	Unit
SW	SW working mode	**AM**	12-hour system morning	SNR	Signal to Noise Ratio	MHz	Unit
WB	NOAA working mode	**PM**	12-hour system afternoon	RSSI	Signal strength	dB	Unit of SNR/RSSI
V.UHF	V.UHF working mode		Repeat file	BASS	Bass	▶	play
AIR	Air working mode		Repeat all	EQ	EQ	⏸	Pause/Mute
NFM	V.UHF Demodulation		Random	VOLUME	Volume		Marquee
	Set the sleeping time		Repeat one	PRESET	Memory stations		
	Alarm clock set		TF card working mode	REC	Radio recording		Battery symbol

5.Turn on / off the radio

Turn on the radio: The radio is a built-in lithium battery.short press the [SLEEP] button,time display,Press the power button again within 10 seconds to turn on the radio.

Turn off the radio: Short press the [SLEEP] button,turn off the radio.

After powering off, the time display lasts for 10 seconds. After 10 seconds, the screen goes dark.Enter power-saving mode.

Tip:●If the APP connection is used and the connection is not disconnected, the time will continue to be displayed.

●For the first use, it is recommended to fully charge the battery before using it.

6. Adjustment of volume

Rotate the [VOLUME] button to adjust the sound.Clockwise rotation increases the sound.Counter-clockwise rotation reduces the sound.

The LCD displays adjustable volume levels: "L00 - L32 ● VOLUME"

Tip:In FM operation mode. The factory default setting is stereo. Press the [VOLUME] key lightly to select the channel. The LCD displays ST (indicating stereo reception), and pressing the [VOLUME] key again lightly, the LCD display - ST (indicating Mono reception).

7.Select the receiving range

FM and MW have different requirements in different countries. , This product is specially equipped with the following four frequency bands.The user only needs to select the receiving frequency band of FM. The step value of medium wave will change accordingly.

NO.	Country	FM	MW	SW	AIR (connect signal repeater)	V.UHF (connect signal repeater)	WB
1	China/Europe/Australia/India New Zealand/South Afria etc	87.5-108MHz	522-1710KHz (9kHz)	3.2-21.85MHz	118.0-138.0MHz	25.0-999.0MHz	
2	Russia	64-108MHz	522-1710KHz (9kHz)	3.2-21.85MHz	118.0-138.0MHz	25.0-999.0MHz	
3	Japanese	76-108MHz	522-1710KHz (9kHz)	3.2-21.85MHz	118.0-138.0MHz	25.0-999.0MHz	
4	North American / Canada / Latin South America	87-108MHz	520-1710KHz (10kHz)	3.2-21.85MHz	118.0-138.0MHz	25.0-999.0MHz	162.4-162.55MHz

The operation for selecting the receiving frequency band of FM is as follows (If there are no special requirements, the default frequency band for

the product upon leaving the factory is the first one.)

Time display status,long press the [SUB BAND] button,display the current FM low-frequency point being received,rotating tuning knob [TUNING ⏮ ⏯ ⏭] to select.Stop the operation and exit the setting. The frequency setting value selected last will be automatically set as the default.

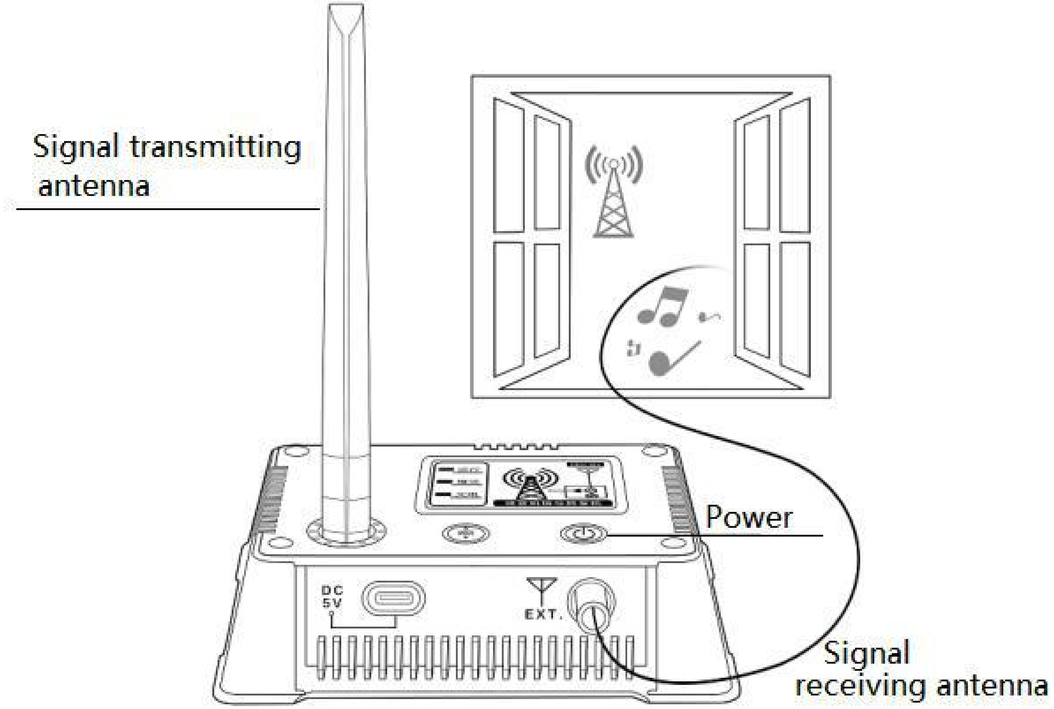
For example: When 87.5 MHz is selected, it indicates the selection of the first receiving mode.

8.Regarding the connection of the signal repeater

Every time the radio is turned on,the symbol [EXT]on the upper right corner of the LCD,Indicating that it is waiting for the connection signal repeater.

The factory-standard signal repeater is as shown in the following picture.Fasten the transmitting signal antenna and plug in the receiving signal antenna,it is beneficial to hang the signal repeater near the window for signal reception.Please avoid placing large power-consuming appliances (such as air conditioning units and refrigerators near the window where the curtains are hung.)

Short press the [⏻]button turn on the signal repeater,the "status" indicator light is flashing.Indicates waiting for 802 radio connection



When the radio and the signal repeater are successfully paired together,the symbol [EXT]on the upper right corner of the LCD is Constant presence state.

At this time, the radio can easily receive the MW and SW signals from the radio station indoors.In this mode, on the open air band and V.UHF band, the radio can receive the transmitted signal only if it can pick up the signal from a nearby location within an effective range.

If using a radio, there is no need for an external signal repeater.Short press the [ ] button exiting connect signal repeater.Long press the [ ] button again to disconnect the signal repeater,and the symbol is disappear.

9. Listen to radio broadcasts

9.1:The antenna of the radio

9.1.1 Before listening to the FM/SW/V.UHF/AIR radio programs, please pull out the telescopic antenna.

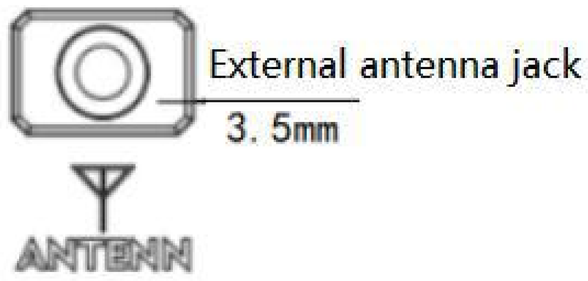
This radio is equipped with a seven-section 360-degree rotatable telescopic antenna.Pull out the antenna and adjust its length and direction. You can then find the optimal position for the best reception effect.

●If there is severe interference from the radio station and the signal is distorted, you can shorten the telescopic antenna.

9.1.2 Listen to MW (medium wave) radio broadcast

This radio uses an internal magnetic antenna to receive MW signals. The magnetic antenna has a certain directional property when receiving signals. Therefore, when listening to MW, appropriately rotating the body direction can help find the optimal listening position for the best reception effect.

9.1.3:The external antenna hole behind the radio is 3.5mm. After inserting an external antenna, the pull-type antenna will be disconnected. It is relevant to FM, SW, AIR, V. UHF frequency bands.



9.2：Band switching

The frequency bands that this radio can receive are as described in point 7 above.short press the [BAND/SCAN]button,switch band.

9.3：Search for radio stations

9.3.1 Manually search for radio stations: Rotate the tuning knob clockwise[TUNING ⏮ ⏯ ⏭],frequency increase.

Rotate the tuning knob counterclockwise[TUNING ⏮ ⏯ ⏭],frequency reduction.

9.3.2 Automatically search for radio stations

In the radio operation mode: Quickly rotate the tuning knob [TUNING ⏮ ⏯ ⏭] and then release your hand. The radio will enter automatic search for radio stations. Once a clear radio station is found, it will automatically stop the search and play the frequency point at which it stops automatically.

9.3.3:Fully automatic scanning, searching and automatic storage of radio stations

In the radio operation mode:Long press the [BAND/SCAN] key for 2 seconds to enter the fully automatic scanning search and automatic storage of radio stations. Perform a full round of automatic scanning and search for radio stations from the lowest frequency point to the highest frequency point. The station address numbers will be automatically stored in sequence from 001 ●PRESET to ●200PRESET. After completing one round of searching for radio stations, the search will automatically stop and the radio station with the first stored sequence number will be played.

●The number of automatic storage channels is determined based on the strength of local signals.

9. 3.4:Fast shuttle step rate selection

Rotate the [TUNING] knob. The minimum position number increments or decrements and flashes. When the frequency value is flashing (approximately flashing for 5 seconds), press the small spindle. The flashing frequency position number changes. You can select the desired frequency position number according to your actual needs. Rotate the [TUNING] button to quickly adjust the target frequency point.

9.4:Manual radio storage

Found the target frequency point , long press the [MEMO/DEL] button,enter to Manual radio storage mode,LCD display "*** ●PRESET" ,the serial number of the storage unit is flashing.short press the [MEMO/DEL]button confirm storage the station.

When the deposit account number is flashing,Rotate the tuning knob[TUNING ⏮ ⏯ ⏭]select the storage number that needs to be replaced.

short press the [MEMO/DEL]button confirm storage the station.

9.5:Recall stations

According to the operation descriptions in 9.3.3 and 9.4, after being stored in the radio,short press the [M+][M-]buttons to enter recall stations mode,LCD display the storage address number" *** ●PRESET" ,press the [M+][M-]buttons select the radio station that you like to listen to.

After enter to recall station mode,can also tuning knob counterclockwise[TUNING ⏮ ⏯ ⏭] select the radio station

●Press the [MEMO DEL] button to exit the recall station mode.

●press the [M+] and [M -] button, LCD displays "nUL▪PRESET", it indicates that no radio station has been stored.

9.6：Delete Stations

Press the[M+][M-]button select the delete station,Double-click continuously the [MEMO DEL] button,LCD display【 dEL 】symbol and flashing,press the [MEMO DEL]button again,confirm delete the station.

9.7：About SUB Band

The following frequency bands have meter wave selection. Short press the [SUB BAND] button to select the meter wave frequency point that is close to the target frequency point. Combined with the rotary tuning knob [TUNING ⏮ ⏯ ⏭], it enables you to quickly select the desired frequency point.

FM frequency	SUB band of FM	SUB band of SW	SUB band of AIR (connect signal repeater)	SUB band of V.UHF (connect signal repeater)
87.5-108MHz	87.5MHz.90MHz.100MHz.105MHz	3.2MHz.3.9MHz.4.75MHz. 5.73MHz.7.1MHz.9.25MHz. 11.5MHz.13.57MHz.15.03MHz. 17.48MHz.18.9MHz.21.45MHz	118MHz.123MHz.127MHz.130MHz. 133MHz.136MHz.138MHz	30MHz.100MHz.150MHz.156.025MHz. 200MHz.250MHz.300MHz.350MHz.400MHz. 409.75MHz.446.005MHz.450MHz.462.565MHz. 500MHz.550MHz.600MHz.650MHz.700MHz. 750MHz.800MHz.850MHz.900MHz.950MHz
64-108MHz	64MHz.76MHz.87.5MHz.90MHz. 100MHz.105MHz			
76-108MHz	76MHz.87.5MHz.90MHz.100MHz. 105MHz			
87-108MHz	87.5MHz.90MHz.100MHz.105MHz			

9.8：Bandwidth setting

In FM/V.UHF working mode:long press the [MODE REC]button,enter to bandwidth setting mode,short press the [MODE REC]button selecte bandwidth

FM can be selected：50MHz，100MHz，150MHz，200MHz；
V.UHF can be selected:170MHz，200MHz，250MHz，300MHz，375MHz。

9.9：Radio recording

9.8.1 Recording: In the Radio working mode, double-click the [MODE/REC] button continuously to start the recording. On the LCD screen, the character " REC " will be displayed, indicating that the recording is in progress.

9.8.2 Exit recording: In the recording working mode,short press the [MODE/REC] button,exit recording, "REC "disappeared.

9.8.3 Extract the REC file: Short press the [▶✱] button switch to TF working mode,long press the [SUB/BAND] button to extract the recording file.

9.8.4 Delete the audio recording file:

- In the recording playback mode, press the [M +] and [M -] buttons to select the deleted recordings. Double-click the [MEMO/DEL] button consecutively to enter the deletion of recordings. The LCD displays the character [dEL] flashing. Press the [MEMO/DEL] button again to confirm the deletion of the recording file.
- Connect the radio to the computer using a data cable. Press [▶✱] to switch to the PC operation mode. Then you can delete the recording file on the computer.

9.10:North American country WB weather band(NOAA band)

When the receiving frequency band is set to 87-108 MHz, the radio will be enabled to use the WB weather band.

Short press the [BAND/SCAN] switch WB band.

WB (North American Weather Band) receives seven frequency points:162.40MHz，162.425MHz，162.45MHz，162.475MHz，162.50MHz，162.525MHz，162.55MHz

short press the [SUB/BAND] button or rotate the [TUNING ⏮ ▶‖ ⏭] button to select the WB receiving frequency point.

Activate the warning system:

9.11:Enable/Disable Mute

In the radio working mode, short press the tuning button [TUNING ⏮ ▶‖ ⏭], the radio will enter Mute mode.

Press the tuning button [TUNING ⏮ ▶‖ ⏭] again to cancel the Mute mode.

9.12:Select EQ sound effect in Radio working mode

In the radio working mode,short press the small scroll button [TUNING], enter the EQ selection mode. The LCD will display the current EQ value. At this point,short press the small scroll button [TUNING]to select EQ which you need.

9.12.1 FM working mode:

E0:Normal	E1:PASS 14K(Filter audio above 14K)	E2 :POP	E3:ROCK
E4 :JAZZ	E5:CLASSIC	E6 :COUNTRY	

9.12.2 AM/SW/AIR/V.UHF/WB working mode：

E0:Normal	E1:PASS 4K((Filter audio above 4K)	E2 :POP	E3 :ROCK
E4:JAZZ	E5:CLASSIC	E6:COUNTRY	

- **In the radio operation mode, select E0 and turn off the flashing light.**

10.Bluetooth working mode

The Bluetooth name is: HRD-802

10.1 Connect Bluetooth:short press the [ ]button switch to Bluetooth mode,LCD display the symbol is flashing,Indicates waiting for connection.

Turn on the Bluetooth connection function of your mobile phone or computer,Click on the Bluetooth name to connect.

After the connection is successful, the Bluetooth symbol on the LCD stops flashing and remains constantly displayed, indicating a successful connection.

- After connecting the signal repeater in the radio mode, you need to first short press the [ ] key to exit the signal repeater, and then short press the [ ]button again to switch to the Bluetooth working mode.

10.2 Selected songs: Press the [M +] [M -] buttons or rotate the tuning knob [TUNING] to select the Bluetooth songs.

10.3:Pause/Play: short press the tuning button [TUNING] to stop playing,Press the tuning button again [TUNING] to resume playback.

10.4:Disconnect Bluetooth:long press the [MODE REC] button to disconnect the Bluetooth.

11.TF card working mode

Support the playback of up to 256GB of data. It supports MP3, WMA, WAV, APE, FLAC formats for playback.

11.1：**Insert TF card**:On the right side of the radio, locate the TF card slot. Insert the TF card in this " " direction, press TF card in firmly, then press TF card out again to remove the TF card.

11.2：**TF card playback**：power-on state, short press the [ ] to switch to the TF card operation mode.

11.3: Press the [M +] [M -] buttons select TF card songs or rotate the tuning knob [TUNING ⏮ ⏯ ⏭] to select the TF card songs,and press the tuning knob [TUNING ⏮ ⏯ ⏭] button confirm to play the currently selected song.

11.4:**Fast Forward/Backward:** Press and hold the [M +] key to fast-forward the playback; press and hold the [M -] key to fast-back the playback.

11.5:**Pause/Play:** short press the tuning button [TUNING ⏮ ⏯ ⏭] to stop playing,Press the tuning button again [TUNING ⏮ ⏯ ⏭] to resume playback.

11.6:**Select the TF card playback mode:**short press the [SUB BAND] button select playback mode:

:repeat all **:repeat one**

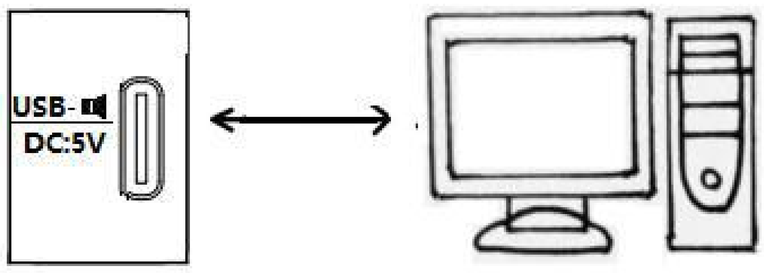
:repeat file **:random**

- When playing music from the TF card, considering the source factors of the downloaded songs, if there are resonant sounds, please select a different EQ mode or adjust the volume.
- Inserting the TF card fails to play music. The LCD displays the "----" prompt. Given the source factor of the downloaded songs, or the TF card may be damaged. Please replace it with a normal TF card for use.

12.TYPE-C USB can be used as a computer speaker or as a card reader

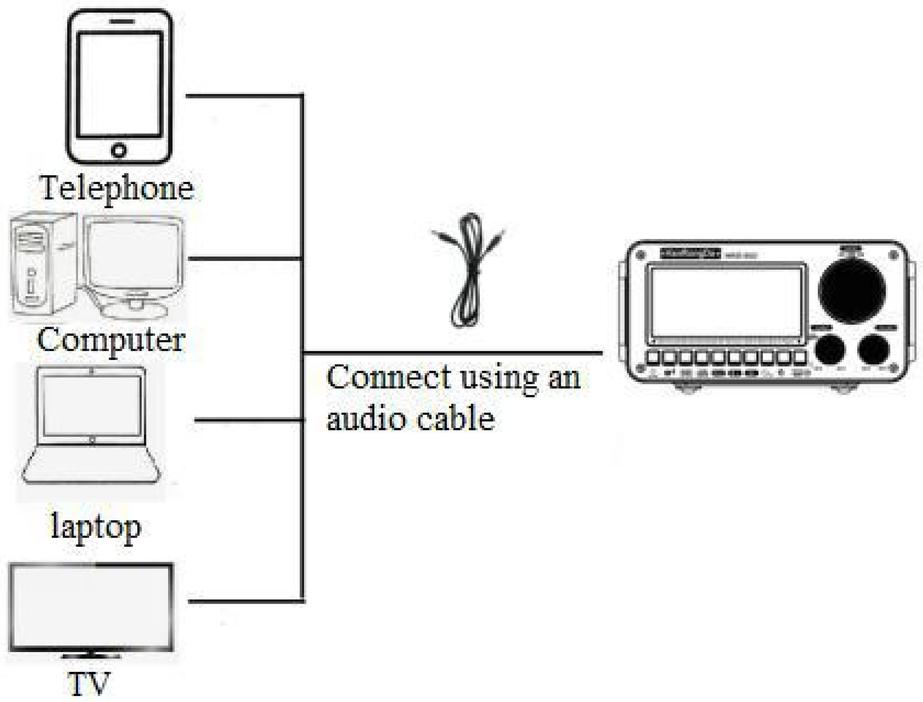
12.1**As a computer speaker:**Working state,connect the radio to the computer using the data power cable. Once the connection is successful, short press the [▶✱] button to switch to the mode for connecting to the computer. The LCD will display the character " PC ", at which point it can be used as a computer speaker.

12.2**As a card reader:**Insert the TF card into the radio, and short press the [▶✱]button to switch to the PC working mode. At this time, it can be used for file transfer and deleting files on the TF card.



13.Line-in audio input

Connect the radio to the external device using 3.5mm audio cables. Press the [▶✱] button to switch the audio input mode. The LCD will display the character " LINE " at this time, and it can be used as an amplifier.



14.Music playback mode, select EQ sound effect

In the music playback mode(bt / TF card / PC / LINE),Short press the small scroll button [TUNING] to enter select EQ setting:

Each time press the small scroll button [TUNING] to selection:

E1 :NORMAL E2:POP E3 :ROCK E4 :JAZZ E5:CLASSIC E6:COUNTRY

After making a choice, the last one made will be the default option.

15.Select the BASS level

In the music playback mode(bt / TF card / PC / LINE),Press and hold the small scroll button [TUNING] to enter select BASS setting,Rotate the [TUNING] knob clockwise / counterclockwise select "-9~0~9" level.

After making a choice, the last one made will be the default option.

16.Adjust the brightness of the LCD

Time displayed or power-on mode: short press the [☼] button to enter the display screen brightness selection. Each time you press the [☼] key, the brightness of the LCD will change from "high brightness" - "medium brightness" - "low brightness".

17.Charging Instructions

Use of 5V DC charging:Insert the DC5V direct current into the "TYPE-C USB" charging port. The " " icon on the LCD screen will start to scroll, indicating that it is charging.

After being fully charged, the charging indicator " " icon on the LCD screen will stop scrolling, and the battery level will show as full, indicating that the charging is complete.

It is recommended to use a charging device with an output voltage of DC5V/1A~3A for charging to avoid damaging the lithium battery or the device.

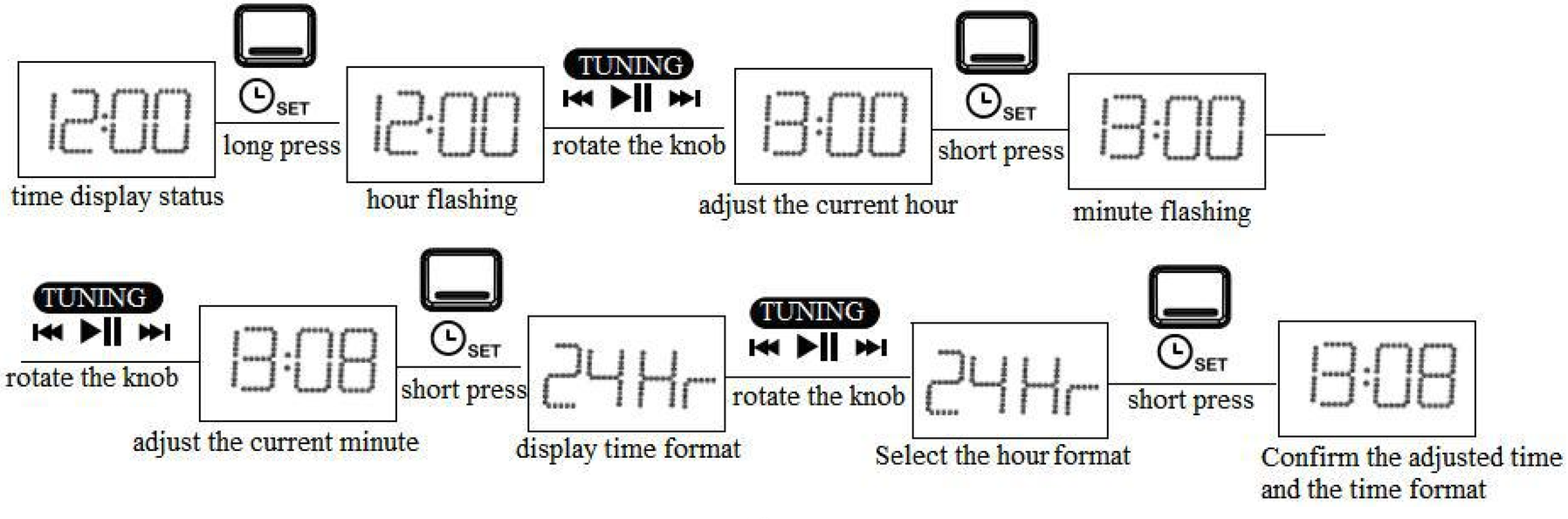
If the machine is not used for a long time, please ensure to charge the lithium battery once a month or remove the battery to prevent the loss of battery power.

●Using the radio,please remove the charging plug to avoid reducing the radio's reception performance.

18.Set the sleep time

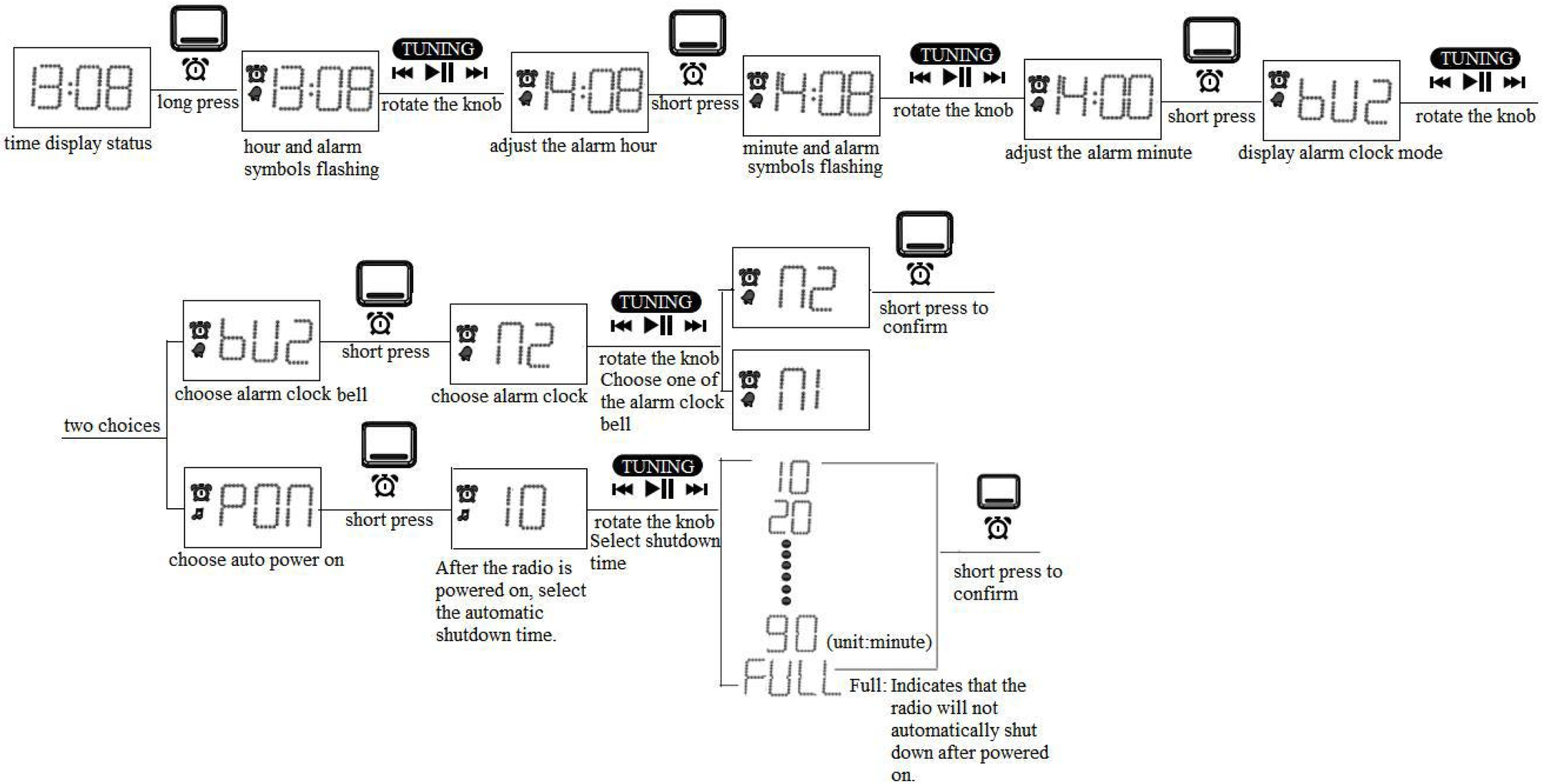
Time display status, long press the[SLEEP] button to enter sleep time setting. The LCD display the sleep time of "120" minutes. At this time, short press the [SLEEP]button to select the sleep time, or rotate the knob [TUNING] choose: 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, OFF (OFF indicates canceling the sleep time setting) (unit: minutes). After selecting, the radio will turn on, the LCD will display the sleep symbol: , and it will automatically shut down within the set sleep time.

19.Time Setting



●If the time format is set to the 12-hour format (12r) , “AM”It's in the morning ; “PM”It's in the afternoon.

20.Alarm Clock Setting



●Choose alarm clock bell ,after automatic alarm clock bell,short press the [ ]button,Turn off the alarm for the current day.

Alarm symbol: 🔔 is constantly displayed state.The alarm will continue to ring the next day.

Press other keys to enter the snooze mode. The alarm symbol:🔔 flashing. It will ring again after a 5-minute interval. The alarm will continue for 6 consecutive times before ending the day's alarm.

●After the alarm ringtone is activated, do not press any buttons. Each ring lasts for 3 minutes, and then there will be a 5-minute interval before the next alarm rings. This process will repeat 6 times before the alarm for the day ends.

21.Turn off the alarm clock

Time display status,short press[⏰]button to turn off the alarm clock,the symbol ⏰🎵 or ⏰🔔 disappeared.

22: The Main Parameters

Receiving Band	Receiving Range	Sensitivity	SNR
FM	64.0-108.0 MHz	≤10dB	40dB
MW	520-1710 kHz	≤86dB	35dB
SW	3.20-21.85 MHz	≤25dB	35dB
V.UHF	25.0-999.0 MHz	≤10dB	40dB
AIR	118.0-138.0 MHz	≤8dB	35dB
WB	162.400-162.550 MHz	≤8dB	35dB
Quiescent current≤ 50uA			
Maximum Current: Radio mode≤ 1.4A　　Music mode ≤ 3A			
Loudspeaker:Φ52mm/4Ω/5W x 2pcs			
Number of stored stations: Total 1000pcs			
BT Version：VER 5.2			
Bluetooth reception range ≤ 10 Metres			
working voltage:3.7-4.2V			
Minimal working voltage：3.6V			
External input voltage: Direct current:DC5V			
Lithium battery:3.7V 2500mAhx3pcs			
TF card playback format：MP3，WMA，WAV、APE，FLAC			
The maximum supported capacity of the TF card：256G			
Stereo Separation：30dB			
Product size: 162.6x140.3x84mm			
Net weight: 1158.5 g（Included Batteries)			

23.Regarding the use of the APP for intelligent remote control

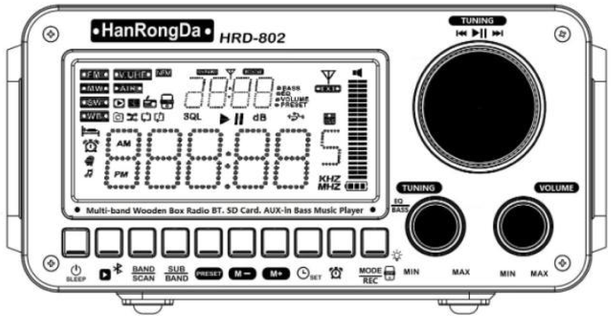
23.1 About using the APP

Step 1: Power on the radio

Step 2: download the APP:Radio-c

Step 3: Successful installation on the mobile home screen

Step 4: Click to enter APP mode, then select “HRD-802-BLE” and click to connect.



APP disconnection：Turn off the radio,long pres the[MODE/REC APP] button,disconnection the APP,LCD display ble-off symbol.

Turn on /off the APP:Time display status,long press [MODE/REC APP] button,LCD display APP on symbol,Pressing the [MODE/REC APP]button again will display the "APP off" symbol.

Select APP on:Indicates that the APP application can be turned on

Select APP off:Indicates that cannot using the APP

23.2 APP Installation

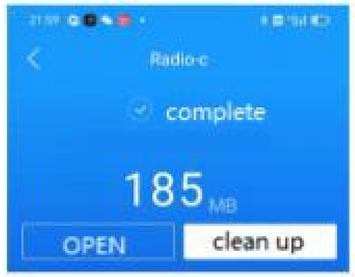
If the Radio-c APP has already been downloaded, there is no need to download it again. You can directly click to connect to the HRD-802-BLE .

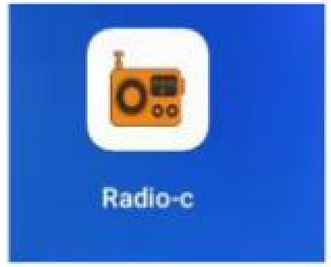
A: For Android and Harmony OS phones, please scan the following QR code to install the APP.
Android and Harmony OS phones support installation via the phone's browser to scan the QR code. For detailed instructions, please refer to [specific instructions23.3].
B: For Apple devices, please visit the “App Store” and search for “Radio-CT” to download.

For Android and Harmony OS phones, please scan this QR code to install the APP.

Apple Devices: You can search for “Radio-CT” in the App Store to download and install. Alternatively, you can scan the QR code above to access the App Store for downloading.

23.3: After enabling the browser to scan the installation QR code for HRD-802, follow the prompts: click “Download,” then click “Continue Installation.” Once the installation is complete, click “Open Application.” The APP icon will appear on the mobile home screen.



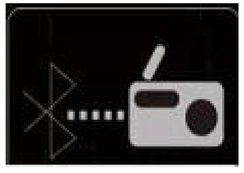


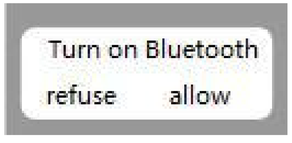
23.4 Entering APP Mode for Use:

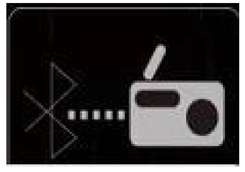
Click the APP icon on the mobile home screen to access it. Tap the symbol in the bottom right corner of the APP interface, select “Allow,” then click the symbol again. Choose HRD-802-BLE to establish a successful connection.

Android/Harmony OS Mobile Download Desktop Icon

Apple Mobile Download Desktop Icon







23.5: Introduction FM working in APP(1)

Symbol	Key Function Descriptions
Demodulation	FM：ST AM:AM SW:AM AIR:AM V.UHF：NFM WB:NFM
Bandwidth	click to select the bandwidth of the FM：50KHz 100KHz 150KHz 200KHz MW/SW/AIR/WB：5KHz click to select the bandwidth of the V.UHF：170kHz 200kHz 250kHz 300kHz 375kHz
SNR	Signal to Noise Ratio
RSSI	Receive Sensitivity
VOL **	Sound level Indicator
Band FM	Click to select the working mode.
	View Device Version
	Battery Indicator
	Radio freqency display,working mode dispaly
	Edit the frequency name: long press this position, input the present frequency name according to the language tips. Such as FM99.1MHZ is the radio station in Longgang of Shenzhen City, you can store it manually.
Preset **	Recall / Memory station number
MUSIC	Music playback mode switch switch to TF card/Bluetooth /PC /line
	Enable and unmute mute
MHZ	Unit
MEMO	Manual Radio Storage: Locate the target frequency point, press and hold the [MEMO] key until the "Preset" symbol flashes. Press the [M+] and [M-] keys to select the storage address number. Lightly press the [MEMO] key to confirm the storage. Exit the Recall station mode
	Error deletion button
METE/SUB BAND	select to meter wave
SCAN	Long press to enter the automatic search storage station In the WB mode, long press to enter the automatic warning function. Press long again to exit the warning notification.
ENTER	Enter, confirm key
	Sleep time setting： 120-110-100-90-80-70-60-50-40-30-20-10 minitue

23.6:Introduction FM working in APP(2)

Symbol	Key Function Descriptions
	Digital key press frequency: press [ENTER] key first, press the effective target frequency on the digital keyboard, press [ENTER] key to confirm that you can directly press the required playback frequency.
	Access key: On the numeric keypad, directly click the address number of the outgoing storage station, press [ENTER] key to confirm. If "Present--" is displayed, it is empty.
BAND	Tap to switch radio bands
⇦⇨	Frequency increment, decrement, deposit station, take station address number selection Long press: Automatically search for radio stations Recall station mode:Recall station+/Recall station-
VOL + -	VOL+: Volume increases VOL-: Volume decreases
⏻	Tap to power on, and tap again to power off
EQ	Short press [EQ]buttn to Select EQ Sound: E0: Normal E1:PASS 14K , E2:POP, E3: ROCK E4: JAZZ E5:CLASSIC, E6: COUNTRY
	The mobile APP connects to the entry button of the HRD-802 radio. Press and hold for 2 seconds to exit the APP connection
	short press enable the alarm clock function, short press again to disable it. Long press to select: Alarm clock mode/Startup mode. Click on any of these modes to go to alarm time Settings (select ALARM as RADIO arrives ON time beep..... Select to turn on the radio when the power-on time is reached.
	Device calibration time key (can correct the time displayed on the radio with one click, consistent with that on the mobile phone)
M+	Recall station+ In the manual storage station mode, choose the address number +
M-	Recall station- In the manual storage station mode, choose the address number -
REC OFF	After inserting the TF card, lightly press to start recording in the radio, and press again to exit the recording.

23.7 : Introduction Bluetooth working in APP

Symbol	Key Function Descriptions
pls open&connect Bluetooth flashing	Waiting for Bluetooth connection
Bluetooth connected!	Bluetooth connection has been successfully
Normal	Directly click on the symbol to select EQ
EQ	Six EQ options: E1: NORMAL, E2:POP, E3: ROCK E4: JAZZ, E5: CLASSIC, E6: COUNTRY
VOL + -	VOL+: Volume increases VOL-: Volume decreases
MUSIC	Music playback mode switch key switch to TF card/Bluetooth/PC/line playback mode
BAND	Tap to switch radio receive mode
⇦⇨	select PREV,NEXT Song
▷II	Play & Pause
12:00	short press enable the alarm clock function, short press again to disable it. Long press to select: Alarm clock mode/Startup mode. Click on any of these modes to go to alarm time Settings (select ALARM as RADIO arrives ON time beep..... Select to turn on the radio when the power-on time is reached.
Time Service	Device calibration time key (can correct the time displayed on the radio with one click, consistent with that on the mobile phone)
	Set sleep time: 120-110-100-90-80-70-60-50-40-30-20-10(minute)
M+	Next song
M-	Previous song

23.8 Introduction TF card working in APP

Symbol	Key Function Descriptions
EQ	Six EQ options: E1： NORMAL, E2:POP, E3： ROCK E4: JAZZ, E5: CLASSIC, E6: COUNTRY
Normal	Directly click on the symbol to select EQ
VOL + -	VOL+: Volume increases VOL-: Volume decreases
MUSIC	Music playback mode switch key switch to TF card/Bluetooth/PC /line playback mode
BAND	Tap to switch radio receive mode
⇦⇨	select PREV,NEXT Song
1 2 3 4 5 6 7 8 9 – 0 . ENTER	In the TF card playback mode, on the numeric keypad, directly tap the song number and press the [ENTER] key to confirm.
SUB BAND	select playback mode: repeat all, repeat one, repeat file, random
▷II	Play & Pause
12:00	short press enable the alarm clock finction, short press again to disable it. Long press to select: Alarm clock mode/Startup mode. Click on any of these modes to go to alarm time Settings (select ALARM as RADIO arrives ON time beep..... Select to turn on the radio when the power-on time is reached.
Time Service	Device calibration time key (can correct the time displayed on the radio with one click, consistent with that on the mobile phone)
	Set sleep time： 120-110-100-90-80-70-60-50-40-30-20-10(minute)
M+	Next song
M-	Previous song

23.9 Introduction PC working in APP

Symbol	Key Function Descriptions
EQ	Six EQ options: E1: NORMAL, E2:POP, E3: ROCK E4: JAZZ, E5: CLASSIC, E6: COUNTRY
Normal	Directly click on the symbol to select EQ
VOL + -	VOL+: Volume increases VOL-: Volume decreases
MUSIC	Music playback mode switch key switch to TF card/Bluetooth/PC /line playback mode
BAND	Tap to switch radio receive mode
⇦⇨	select PREV,NEXT Song
▷II	Play & Pause
12:00	short press enable the alarm clock function, short press again to disable it. Long press to select: Alarm clock mode/Startup mode. Click on any of these modes to go to alarm time Settings (select ALARM as RADIO arrives ON time beep..... Select to turn on the radio when the power-on time is reached.
Time Service	Device calibration time key (can correct the time displayed on the radio with one click, consistent with that on the mobile phone)
	Set sleep time: 120-110-100-90-80-70-60-50-40-30-20-10(minute)

23.10 Introduction Audio-in working in APP

Symbol	Key Function Descriptions
EQ	Six EQ options: E1: NORMAL, E2:POP, E3: ROCK E4: JAZZ, E5: CLASSIC, E6: COUNTRY
Normal	Directly click on the symbol to select EQ
VOL + -	VOL+: Volume increases VOL-: Volume decreases
MUSIC	Music playback mode switch key switch to TF card/Bluetooth/PC /line playback mode
BAND	Tap to switch radio receive mode
⇦⇨	select PREV,NEXT Song
▷II	Play & Pause
12:00	short press enable the alarm clock function, short press again to disable it. Long press to select: Alarm clock mode/Startup mode. Click on any of these modes to go to alarm time Settings (select ALARM as RADIO arrives ON time beep..... Select to turn on the radio when the power-on time is reached.
Time Service	Device calibration time key (can correct the time displayed on the radio with one click, consistent with that on the mobile phone)
	Set sleep time: 120-110-100-90-80-70-60-50-40-30-20-10(minute)

24.Matters need attention

Before use, ensure that you follow the following basic safety tips to ensure the safe and reliable use of the product：

- ♦ Read and understand all safety guidelines and usage information.
- ♦ Battery symbol: ‘▯▯▯’ space symbol:Indicates that the battery is low,In order to avoid affecting normal use, please charge the machine or replace the new dry battery in time.
- ♦ If you do not use it for a long time, charge it once a month. If not used for a long time, you can pull the power push switch to "OFF" to turn off the power and prevent battery power consumption.
- ♦ if the battery is too low because it is not used for a long time, please enable the hand crank to charge for 5-10 minutes before use to activate the lithium battery.
- ♦ It is recommended to charge a charging device with an output voltage of DC5V/1A-DC3A to avoid damage to the lithium battery or device.
- ♦ Do not expose this product to rain, moisture, dripping or splashing of any liquid.
- ♦ Do not let this product near high temperature heat source, do not barbecue or blow bake at high temperature
- ♦ Do not place in direct sunlight for a long time.
- ♦ Do not allow this product to fall or be hit or put heavy pressure on it.