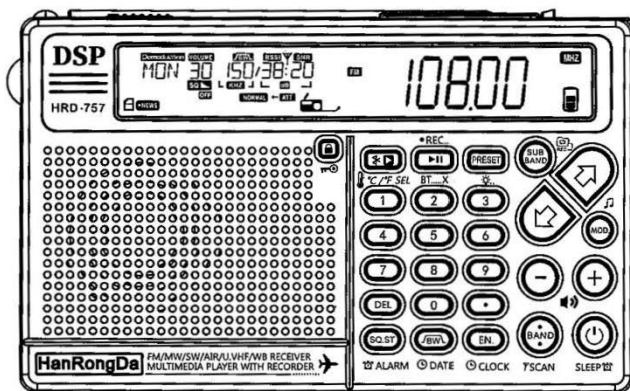# High-performance Multi-band Radio
Bluetooth | TF Card Play
APP Intelligent Remote | Flashlight
SOS Alarm User's Manual

(Model: HRD-757)

Thank you for buying our product. Before use, please read this manual carefully and keep it properly.

1: Product overview

Our aim in new product R&D has always been continuous innovation and meeting the needs of users.

We hope you like our meticulously crafted HRD-757 radio which will bring more happiness to people who like to listen to the radio.

This is a high-performance Multi-band radio. For more details, please read this manual.

2: Product features

2.1: This product can receive wireless signals of FM, AM, SW, AIR, VHF, UHF and WB with strong receiving sensitivity by means of software programming.

2.2: This product uses advanced audio technology to realize Bluetooth connection for wireless music play.

2.3: This product supports TF card music play, music play of MP3, WMA, WAV, APE and FLA, and 256G memory maximally.

2.4: The TYPE-C jack is universal: It supports charging and connecting this product to the computer using USB cable. It can be used for sound input speaker, copying with card reader and deleting the content in TF card.

2.5: This product has multiple ways of choosing a channel in the mode of receiving: It supports choosing a frequency by pressing the number key, automatically searching and storing a

channel, manually storing a channel and choosing a channel using the knob.

2.6: FM has four frequencies for you to switch. The frequency of AM is adjusted automatically with the change of FM without national boundary limitation.

1): FM:87.5-108MHZ/AM:522-1710KHZ (step value: 9KHZ)
2): FM:87.0-108MHZ/AM:520-1710KHZ (step value: 10KHZ)
3): FM:76.0-108MHZ/AM:522-1710KHZ (step value: 9KHZ)
4): FM:64.0-108MHZ/AM:522-1710KHZ (step value: 9KHZ)

2.7: SW has 14 meter waves; V.UHF has 23 meter waves. AIR has 7 meter waves, which allows you to search your frequency quickly.

2.8: This product offers BASS low sound quality and supports listening with headphones, meeting the needs of all users.

2.9: This product supports four modes of play in the state of TF card play:

rA (repeat all), rO (repeat one)
rF (repeat file, rr (random)

2.10: This product uses a 2,500mAh lithium battery which can be replaced and has long time of endurance.

2.11: This product supports the function of lock.

2.12: The 4.17-inch large screen displays various content such as time, perpetual calendar, thermometer, battery level, signal, sleep time, and clock which give users clear information.

2.14: The sleep power-off time can be set as 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20 and 10 minutes.

2.15: Two modes of scheduled power-on and scheduled alarm clock can be set. The alarm clock has two ringtones for you to choose.

2.16: After choosing scheduled power-on, the power-off time after scheduled power-on can be set as 10, 20, 30, 40, 50, 60, 70, 80 and 90 minutes.

2.17: The backlight and backlight display of number key are convenient for you to use in darkness.

2.18: In the mode of receiving, this products has a large memory of storing channels and can store 1,000 channels (FM/VHF/AM/SW/AIR: 200 channels for each)

2.19: Compared with traditional radios, this product can be controlled intelligently and remotely with an APP (support Android and Harmony)

2.20: Within 20 meters, this product realizes band switching, mode switching, frequency choosing with the number key, volume control, channel choosing with frequency, recording, locking... giving you new usage experience.

2.21: This product supports EQ play.

2.22: The type-c charging jack is more friendly for use.

3: Packing list

Name	Quantity
HRD-757 high-performance all-band radio	1
String	1
Lithium battery (2,500mAh)	1
USB TYPE-C charging cable	1
User's Manual	1
Gift packing box	1

4: Download of mobile APP (see APP Installation on the attached sheet)

Step 1: Turn on the radio

Step 2: Download the APP

Android:QR code   IOS:APP Store
Radio-c   Radio-ct

Step 3: Install the APP onto the mobile desk

Radio-c

Step 4: Click to enter the APP and click to connect "HRD-757-BLE"

To disconnect the APP, lightly press " ⏻ " to turn off the radio and show the time, and long press "[▶ ‖ BT......X]" for two seconds to show " bLE OFF", now the APP is disconnected successfully.

4

5: Functions of buttons

|	
⏻ SLEEP 🕐	1: ON/OFF: Install the battery, and lightly press the power button to show the time. When the time is displayed, lightly press the power button again within 10 seconds to turn on the radio. Lightly press the power button to turn off the radio (see Section 7.1). 2: Sleep time: When the radio is working, long press the power button to set the sleep time (see Section 7.2).
🔊 +	Lightly press/ long press the button to increase the volume.
− 🔊	Lightly press/ long press the button to decrease the volume.
BAND ⛏ SCAN	1: In the mode of receiving, lightly press this button to switch between FM, MW, SW, AIR, V.UHF and WB. 2: In the mode of music play, lightly press this button to switch to the mode of receiving. 3: In the mode of FM/MW/SW/AIR/VHF, long press this button for 2 seconds to automatically search and store a channel. 4: In the mode of WB: long press this button for 2 seconds to start the alarm and long press this button again to cancel the alarm.
SUB BAND 🔴 REC	1: In the mode of time: long press "SUB BAND" for 2 seconds to set FM receiving frequency range, and lightly press "⇦⇨" to choose FM receiving frequency range. 2: In the mode of FM/SW/AIR/VHF, lightly press "SUB BAND" to choose a meter wave. 3: In the mode of TF, lightly press "SUB BAND" to switch between play modes: RA (repeat all) -RO (repeat one) -RF(repeat file) -RR (random)
⇨	1: In the mode of receiving, lightly press this button to enable frequency to increase at the minimum step value, and long press this button for 2 seconds to automatically search channels forward. 2: In the mode of TF card play, lightly press this button to play the next music and long press this button to play fast-forward. 3: In the mode of Bluetooth play, lightly press this button to play the next music.

|	
⇐	1: In the mode of receiving, lightly press this button to enable frequency to decrease at the minimum step value, and long press this button for 2 seconds to automatically search channels backward. 2: In the mode of TF card play, lightly press this button to play the previous music and long press this button to play fast-backward. 3: In the mode of Bluetooth play, lightly press this button to play the previous music.
TUNING	1: In the mode of receiving, choose a channel using the knob (frequency increases by rotating clockwise and decreases by rotating anti-clockwise) 2: In the mode of TF card play, rotate the knob to choose a music, and lightly press "EN" to play.
SQ. ST 🔔ALARM	1: In the state of time display, lightly press this button to start the function of setting "scheduled power-on/alarm clock", and lightly press this button again to cancel the function. 2: In the mode of FM, lightly press to switch between stereo and not stereo ("ST" on LCD means stereo and "MON" means not stereo) 3: In the mode of AIR, lightly press "SQ" to turn on/off.
●REC ►‖ BT......×	1: In the mode of receiving, lightly press this button to start/stop recording. 2: In the mode of receiving, long press this button for 2 seconds to start recording and lightly press it to exit recording. 3: In the mode of music play, lightly press this button to switch between pause and play.
🔒 ⌐O	1: In the mode of time display and power on, long press this button for 2 seconds to start the function of lock and long press it again for 2 seconds to cancel the function. " ⌐O" appears on LCD (no influence on SOS alarm and the flashlight) 2: In the mode of time display and power on, lightly press this button to start the shuttle lock function and lightly press it again to cancel the function. "🔀" appears on LCD.

◄ SNOOZE ► STEP	1: In the state of receiving, lightly press "+/-" to adjust the bits of shuttle. After the bits flash, rotate the shuttle knob to choose a target frequency. 2: When the alarm clock rings, lightly press this button to snooze.
☀ ► ℉ C/℉ SEL	1: In the state of time display, lightly press this button to switch between day of week and temperature. 2: In the mode of " ℉ ", long press this button to switch between °C and °F. 3: In the mode of power on, lightly press this button to switch to TF card/Bluetooth play.
•SOS •OFF •ON	1: Push to "ON" to turn on the flashlight. Push to "OFF" to turn off the flashlight. 2: Push to "SOS" to start the alarm and the flashlight. Push to "OFF" to cancel the alarm and the flashlight.
TF-SD☐	In the state of power on and any work mode, insert the TF card to play automatically.
PRESET ☀ ••	1: In the mode of time display, long press this button for 2 seconds and lightly press it to set the backlight. 2: In the mode of FM/MW/SW/AIR/VHF, lightly press this button to enter the channel-taking mode. Lightly press "⇦⇨" to take a channel. 3: In the mode of FM/MW/SW/AIR/VHF, long press "PRESET" to enter the manual channel storage mode, and lightly press it again to confirm.
EN Ⓛ CLOCK	1: In the mode of time display, long press "EN" for 2 seconds to set the time (see Section 14). 2: In the mode of receiving, lightly press "EN" to select a channel using the number key, and lightly press it again to confirm. 3: In the mode of TF card, lightly press "EN" to select a music using the number key, and lightly press it again to confirm.
⬚BW⬚ Ⓛ DATE	1: In the mode of time display, long press "DATE" for 2 seconds to set the date and time (see Section 14). 2: In the mode of FM/VHF, lightly press "BW" to set the bandwidth.

[DEL]	1: In the mode of receiving, delete the function of broadcast (see Section 7.4.4). 2: When the radio is playing sound record using the TF card, delete the function of recording (see Section 8.3).
1 2 3 4 5 6 7 8 9 0 ●	1: In the mode of TF card, choose a music using the number key. 2: In the mode of receiving, choose a frequency using the number key.
MOD ♪	Choose an EQ effect (see Section 11).
▼EXT	In the mode of receiving, insert the external antenna and remove the rod antenna.
└•DX •LOCAL	In the mode of FM/MW/SW/AIR/V.UHF, push to "DX" (remote) receiving mode and LOCAL (local) receiving mode.

6: Symbols on LCD

(antenna/signal symbol)	Indicate the signal when the radio is receiving and playing
VOLUME	The volume
PRESET	Search and store a channel automatically /store a channel manually/take a channel
(battery symbol)	Battery level and charging status
KHZ	Unit
MHZ	Unit
SQ ON OFF	Squelch control
BW	Band width
Demodulation	Demodulation method
RSSI	Signal intensity
SNR	Signal-to-noise ratio
(clock symbol)	Automatic power and clock
(bed symbol)	Sleep time
(lock symbol)	Shuttle knob lock
(key symbol)	Lock

✳	Bluetooth
▷	TF card
ALE	Weather band alarm of North American countries
FM/MW/SW/AIR/ VHF/UHF/WB	FM: frequency modulation:MW: medium wave, SW: short wave,AIR: air wave,VHF: very high frequency,UHF: ultra high frequency, WB: weathe band of North American countries
▷||	In the mode of Bluetooth and TF card, press this button to pause and play.
188888	Standby time: show the time In the mode of Bluetooth: "bE" shows the status of Bluetooth. In the mode of TF card: show the total number of music and the time of play
● MUSIC	Music play
📻	Receiving
💾	Status of TF card
🌡	Thermometer
℃	Celsius degree
℉	Fahrenheit degree
🔇	Silence
MON	Monday
TUE	Tuesday
WED	Wednesday
THU	Thursday

FRI	Friday
STA	Saturday
SUN	Sunday

7: Functions

7.1: ON/OFF

Correctly install the battery. Before use for the first time, please charge the battery fully.

ON: Lightly press "⏻" to start the time display. Within 10 seconds of time display, lightly press "⏻" again to turn on the radio.

OFF: When the radio is working, lightly press "⏻" to turn off the radio.

Note: The radio will enter the power saving mode 10 seconds after power off and the backlight is off. Lightly press "⏻" or "🔒" to start the backlight and time display.

7.2: Set the sleep time

When the radio is working, long press "⏻" for 2 seconds to set the sleep time. "120" appears on LCD. Lightly press "⏻" to choose the sleep time: 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20 and 10 minutes.

After choosing the sleep time, " 🛏 " appears on LCD.

7.3: Adjust the volume (level 00-32)

When the radio is working, lightly press or long press "➕" or "➖" to adjust the volume. Volume level: 00-32.

7.4: Listen to the radio

This radio can receive FM/MW/SW/V.UHF/AIR/WB, and the

specific receiving ranges are shown in the following table:
Different countries have different requirements for FM and MW receiving. Here are four receiving ranges for you to choose.

Receiving type	FM(MHZ)	MW(KHZ)	SW(MHZ)	V.UHF(MHZ)	AIR(MHZ)	WB(MHZ)
1	87.5-108.0	522-1710 (9KHZ)	3.20-30.0	25.0-999.0	118.0-138.0	162.400-162.550
2	87.0-108.0	520-1710 (10KHZ)	3.20-30.0	25.0-999.0	118.0-138.0	162.400-162.550
3	76.0-108.0	522-1710 (9KHZ)	3.20-30.0	25.0-999.0	118.0-138.0	162.400-162.550
4	64.0-108.0	522-1710 (9KHZ)	3.20-30.0	25.0-999.0	118.0-138.0	162.400-162.550

The above four receiving types can be adjusted by yourself:
In the state of time display, long press " $\frac{SUB}{BAND}$ " for 2 seconds to show the FM low frequency in current mode, and lightly press "⇦" or "⇨" to choose a FM frequency range. Stop and exit setting. What you choose finally is confirmed by default.
※For example: "87.5MHZ" on LCD is the first receiving type and "87.0MHZ" is the second receiving type.
The corresponding MW step value will be matched according the FM type you choose (the MW step value of North American countries needs to be adjusted to 10KHZ. Please choose the second receiving type).
7.4.1: Method of searching channels
Search channels manually using the button/search channels automatically using the button/search and store channels automatically/the number key/the shuttle knob
7.4.1.1: Search channels manually using the button
Lightly press "⇦" or "⇨" to decrease or increase progressively at the minimum step value of wave band.
FM min step value: 0.1MHZ

MW min step value: 9KHZ / 10KHZ

SW min step value: 0.005MHZ

V.UHF/AIR min step value: 0.025MHZ

7.4.1.2: Search channels automatically

Long press " ⇦ " or " ⇨ " for 2 seconds to quickly search channels at the min step value. After finding a channel successfully, stop searching and play it.

7.4.1.3: Search and store channels automatically

In the mode of receiving, long press "BAND SCAN" for 2 seconds to scan and search channels automatically from the lowest frequency to the highest frequency. A channel will be stored automatically after being founded.

In the process of searching automatically, "SCAN" flashes on LCD and "PRESET 001-PRESET 002 ***" appears. The number is the address of storing the channel.

After a round of search, search will stop automatically and the first frequency stored will be played.

Number of channels stored at each wave band: 200. Total: 1,000 (excluding WB).

Note: The number of channels stored depends on signal intensity and the channels.

7.4.1.4: The number key: When the radio is working (excluding WB), lightly press "EN" to show "-----" on LCD. Press the number key " ::: " to input a valid frequency, and lightly press "EN" again to confirm.

Note: If the frequency you input is invalid, "Em" will appear on LCD to indicate an invalid channel.

7.4.1.5: The shuttle knob: Rotate the shuttle knob "TUNING" clockwise or anti-clockwise to choose a frequency quickly.

(Note: When the radio is in the mode of taking a channel, rotate the knot to choose a channel)
Method of quickly switching between shuttle step options: Lightly press " ◄ $\frac{SNOOZE}{STEP}$ ► " at the top of radio. The frequency number flashes. Every time after you lightly press " ◄ $\frac{SNOOZE}{STEP}$ ► ", the frequency number will flash. When the number is flashing, rotate "TUNING" clockwise or anti-clockwise to choose a target frequency.

7.4.2: Store channels manually
When the radio is working, find a target frequency with the method in Section 7.4.1. Long press "PRESET" for 2 seconds to enter the mode of storing channels. The address appears on LCD and "PRESET ***" flashes. Lightly press "⇦" or "⇨" to choose an address. Press "PRESET' again to confirm. The address stops flashing, and a channel is stored successfully.
Note: After finding a target frequency, you can also long press "PRESET " for 2 seconds to store a channel and lightly press "PRESET " again to confirm. Channels can be directly stored forward in order of address.

7.4.3: Take channels
After channels are stored with the methods in Section 7.4.1.3 and 7.4.2, lightly press "PRESET" to enter the mode of taking channels. When "PRESET ***" appears, lightly press "⇦" or "⇨" or rotate "TUNING" to choose an address of taking channels.
Note: "PRESET NUL" means no channel stored.

7.4.4: Delete channels
In the mode of FM/MW/SW/V.UHF/AIR, lightly press "PRESET"

to show "PRESET***" on LCD. Lightly press " ⇦ " or " ⇨ " to choose the channel to delete and long press "DEL" to delete it. "DEL" flashes on LCD and disappears 2 seconds later, which means the channel is deleted. The number of channel deleted is unoccupied and is available for you to store a new one.

7.4.5: FM/SW/AIR/V.UHF meter wave

7.4.5.1: FM has the following meter waves, allowing you to quickly find the target frequency.
In the mode of FM, lightly press " $_{BAND}^{SUB}$ " to switch between frequencies.

Receiving range	Meter wave
87.5-108.0MHZ	87.5MHZ, 90.0MHZ, 100.0MHZ, 105.0MHZ
87.0-108.0MHZ	87.5MHZ, 90.0MHZ, 100.0MHZ, 105.0MHZ
76.0-108.0MHZ	76.0MHZ, 87.5MHZ, 90.0MHZ, 100.0MHZ, 105.0MHZ
64.0-108.0MHZ	64.0MHZ, 76.0MHZ, 87.5MHZ, 90.0MHZ, 100.0MHZ, 105.0MHZ

7.4.5.2: SW has 14 meter waves, allowing you to quickly find the target frequency.
In the mode of SW, lightly press " $_{BAND}^{SUB}$ " to switch between frequencies.

Receiving range	Meter wave
3.2-30.0MHZ	3.2MHZ, 3.9MHZ, 4.75MHZ, 5.73MHZ, 7.1MHZ, 9.25MHZ, 11.5MHZ, 13.57MHZ, 15.03MHZ, 17.48MHZ, 18.9MHZ, 21.45MHZ, 25.67MHZ, 28.75MHZ.

7.4.5.3: AIR has 7 meter waves, allowing you to quickly find the target frequency.
In the mode of AIR, lightly press " $_{BAND}^{SUB}$ " to switch between frequencies.

Receiving range	Meter wave
118.0-138.0MHZ	118.0MHZ, 123.0MHZ, 127.0MHZ, 130.0MHZ, 133.0MHZ, 136.0MHZ, 138.0MHZ.

7.4.5.4: V.UHF has 23 meter waves, allowing you to quickly find the target frequency.
In the mode of V.UHF, lightly press " $_{BAND}^{SUB}$ " to switch between frequencies.

Receiving range	Meter wave
25.0-999.0MHZ	30.0MHZ, 100.0MHZ, 150.0MHZ, 156.025MHZ, 200.0MHZ, 250.0 MHZ, 300.0MHZ, 350.0MHZ, 400.0MHZ, 409.75MHZ, 446.005MHZ, 450.0MHZ, 462.5625MHZ, 500.0MHZ, 550.0MHZ, 600.0MHZ, 650.0MHZ, 700.0MHZ, 750.0MHZ, 800.0MHZ, 850.0MHZ, 900.0MHZ, 950.0MHZ

7.4.6: Set FM/VHF bandwidth
7.4.6.1: In the mode of FM, lightly press "BW" to choose a bandwidth from 50KHZ, 100KHZ, 150KHZ and 200KHZ and confirm what you choose by default.
7.4.6.2: In the mode of V.UHF, lightly press "BW" to choose a bandwidth from 1.70KHZ, 2.0KHZ, 2.5KHZ, 3.0KHZ, 3.75KHZ, 4,0KHZ, 4.25KHZ and 4.5KHZ and confirm what you choose by default.
7.4.7: WB of North America
Lightly press " $_{BAND}^{•}$ " to switch to WB. Lightly press " $_{BAND}^{SUB}$ ",

"⇦⇨" or "TUNING" to choose the weather frequency to receive. Long press "⇦" or "⇨" for 2 seconds to search weather channels automatically.

Receiving frequencies:
1—162.400MHZ, 2—162.425MHZ, 3—162.450MHZ,
4—162.475MHZ, 5—162.500MHZ, 6—162.525MHZ,
7—162.550MHZ

Start the weather alarm: Long press " BAND " for 2 seconds to enter the automatic alarm state. "ALE" appears on LCD.

In the state of automatic alarm "ALE", when the alarm signal is not found, long press " BAND " for 2 seconds to exit the function of automatic alarm "ALE".

(Note: After entering the mode of automatic alarm, the buttons will not work. Long press " BAND " for 2 seconds to cancel automatic alarm, and all buttons can be used normally)

Cancel the alarm: After the alarm signal is sent, lightly press any button to cancel and exit.

8: Sound recording/deletion

8.1: Sound recording: When the radio is working, insert the TF card, long press "▶ ‖ .REC" for 2 seconds, then "REC" flashes on LCD and "**:**" (the number means the time of recording) appears. In process of recording, lightly press "▶ ‖ " to exit recording.

8.2: Take the sound folder: Lightly press "✲▶" to switch to TF card play mode, and long press "SUB BAND 🔋 " to take the folder.

8.3: Delete the sound file: After recording, lightly press "⁕▶" to switch to TF card play mode. Long press "SUB BAND🔅" to take the folder. Lightly press "⇦" or "⇨" to choose the number of sound file. Long press "DEL" for 2 seconds, then "DEL" appears on LCD. Lightly press "DEL" again to confirm. "DEL" disappears, indicating that the sound file is deleted successfully.

9: Bluetooth mode

Bluetooth of this product: "HRD-757"
9.1: When the radio is working, lightly press "⁕▶" to switch to Bluetooth mode "bႬ". "⁕" flashes, which means waiting for connection. Click to connect Bluetooth. After successful connection, "⁕" is always displayed.
9.2: Lightly press "⇨" to play the next music and "⇦" to play the previous one. Lightly press "▶ ‖" to switch between pause and play or use your phone to control.
9.3: Disconnect Bluetooth: In the state of Bluetooth connection, long press "⁕▶" for 2 seconds to exit.

10: TF card play

Insert the TF card, lightly push it in place and lightly push it again to take it out.
When the radio is working, the music in the TF card will be played first after inserting the TF card.
In other play modes, lightly press "⁕▶" to switch to TF card. Lightly press "▶ ‖" to switch between pause and play.

Lightly press "⇨" to play the next music and "⇦" to play the previous one. Long press "⇨" to play fast-forward and "⇦" to play fast-backward.

When the radio is playing in TF card mode, press " $\begin{smallmatrix}1&2&3\\4&5&6\\7&8&9\\&0&\end{smallmatrix}$ " to input the music number or rotate "TUNING" to choose the music number. Lightly press "EN" to confirm and play.

In TF card mode, you can choose the play mode:

Lightly press " SUB BAND ", then current play mode appears on LCD. When "rA", "rO", "rF" and "rr" are displayed, lightly press " SUB BAND " to choose one.

rA (repeat all), rO (repeat one), rF (repeat file), rr (random)

TF card supports 256G maximally.

TF card supports MP3, WMA, WAV, APE and FLAC

TF card supports 65,535 files maximally

Note:

1: When the radio is playing music in TF card mode, in case of sound vibration for reason of music source, please adjust the volume.

2: When the radio is receiving in Bluetooth mode, music play fails after inserting the TF card and " SUB BAND " appears. It is possibly caused by music source or maybe the TF card is broken. It the TF card is broken, please replace it with a new one.

11: EQ effect setting

11.1: In the mode of TF card/Bluetooth/PC music play, lightly press 【MOD.】button to choose an EQ effect:

EQ1: (NORMAL), EQ2: (POP), EQ3: (ROCK)

EQ4: (JAZZ), EQ5: (CLASSIC), EQ6: (COUNTRY)

Current adjusted EQ effect will be chosen by default with no operation within 3 seconds.

11.2: In the mode of receiving, lightly press 【MOD.】button to choose an EQ effect:

EQ0: (NORMAL), EQ1: FM working status: high frequency 14K/other receiving mode: high frequency 4K

EQ2: (POP), EQ3: (ROCK), EQ4: (JAZZ), EQ5: (CLASSIC), EQ6: (COUNTRY)

Current adjusted EQ effect will be chosen by default with no operation within 3 seconds.

12: SOS alarm & emergency flashlight

In any mode, push " ⚏ " to "●SOS" to start SOS alarm. The radio gives the alarm sound and the flashlight flashes.

Push " ⚏ " to "●ON" to turn on the flashlight.

Push " ⚏ " to "●OFF" to turn off the flashlight and SOS alarm.

13: Use of lock " 🔒 "

13.1: Lock: In the mode of time and power on, lightly press " 🔒 ", then " ⊗ " appears on LCD, now "TUNING" is locked. Lightly press " 🔒 " again, then " ⊗ " disappears and "TUNING" is unlocked; long press " 🔒 " for 2 seconds, then " ⊗ , 🔒 " appears on LCD. " ⚏ " cannot be locked. Other buttons and "TUNING" are locked.

13.2: Unlock: When the screen is off, lightly press " 🔒 " or " ⏻ " to turn on the backlight. Long press " 🔒 " again for 2 seconds, then " ⊗ , ⚷ " disappears on LCD and the function of lock is canceled.

14: Date updating/time updating/alarm clock setting

There are three clock symbols at the bottom of the radio front, and their functions are described as follows:

| EN. ⏱ CLOCK	BW ⏱ DATE	SQ.ST ☎ ALARM
Time updating	**Date updating**	**Alarm clock setting**
You can do as follows: In the state of time display, long press "EN" for 2 seconds, then the hour number "**" flashes. Lightly press/long press "⇦" or "⇨" or rotate the shuttle knob to adjust the hour; Lightly press "EN" again, then the minute number "**" flashes. Lightly press/long press "⇦" or "⇨" or rotate the shuttle knob to adjust the minute. After finishing adjustment, lightly press "EN" to confirm or the adjusted time will be chosen by default with no operation in 5 seconds.	You can do as follows: In the state of time display, long press "BW" for 2 seconds, then the year number "****" flashes. Lightly press/long press "⇦" or "⇨" or rotate the shuttle knob to adjust the year. Lightly press "BW" again, then the month number "**" flashes. Lightly press/long press "⇦" or "⇨" or rotate the shuttle knob to adjust the month. Lightly press "BW" again, then the day number "**" flashes. Lightly press/long press "⇦" or "⇨" or rotate the shuttle knob to adjust the day. After finishing adjustment, lightly press "BW" to confirm or the adjusted year, month and day will be chosen by default with no operation in 5 seconds. #"MON (Monday),TUE (Tuesday), WED (Wednesday), THU (Thursday), FRI (Friday), STA (Saturday) and SUN (Sunday) will be updated automatically with the change of calendar.	You can do as follows: In the state of time display, lightly press "SQ.ST" to start the alarm clock, then "☎" appears on LCD. Long press "SQ.ST", then the hour number of "☎" flashes. Lightly press/long press "⇦" or "⇨" or rotate the shuttle knob to adjust the hour Lightly press "SQ.ST", then the minute number "**" flashes. Lightly press/long press "⇦" or "⇨" or rotate the shuttle knob to adjust the minute. Lightly press "SQ.ST", then the scheduled power-on symbol "♫" or the alarm clock symbol "♫" appear. Lightly press/long press "⇦" or "⇨" to choose from two modes of alarm clock: "♫" means alarm clock "♫" means scheduled power on For more details, please see Section 15.

15: Scheduled power on/ scheduled alarm clock

15.1: Choose " $bU2$ " alarm clock mode, and lightly press "SQ.ST" to choose an alarm ringtone. Two ringtones of " $n1$ " and " $n2$ " appear on LCD, and lightly press/long press " ⇦ " or " ⇨ " or rotate the shuttle knob to choose one. Lightly press "SQ.ST" to confirm.

When the alarm clock rings, lightly press " ◄ $\frac{SNOOZE}{STEP}$ ► " to snooze. After snoozing for 5 minutes, the alarm clock will ring again. Lightly press "SQ.ST" to turn off the alarm clock. The symbol of alarm clock stops flashing and is always displayed. The alarm clock will ring the next day.

15.2: Choose " rAd " scheduled power-on mode, lightly press "SQ.ST" to enter scheduled power-off time setting after choosing scheduled power-on. The power-off time is displayed on LCD. Now lightly press " ⇦ " or " ⇨ " or rotate the shuttle knob to choose the power-off time from 10, 20, 30, 40, 50, 60, 70, 80, 90 and FULL (no power off), and lightly press "SQ.ST" again to confirm.

Tips:

----" rAd " scheduled power-on: The working mode before power off will be played automatically at the scheduled power-on time. In the mode of Bluetooth, you should click on the Bluetooth device to play. If the scheduled power-on/off time is chosen, the radio will be turned on at the scheduled power-on time and the sleep symbol " 🛌 " will appear on LCD. The radio will be turned off at the scheduled power-off

time and the sleep symbol "🛌" will disappear.

---- " bU2 " scheduled alarm clock: The alarm clock symbol "🕰" will flash at the scheduled alarm clock time and current ringtone will ring for 3 minutes at an interval of 5 minutes. Lightly press "SQ.ST" to turn off the alarm clock, then "🕰" stops flashing. Lightly press "SQ.ST" again to cancel the alarm, then "🕰" disappear. When the alarm clock rings, lightly press "◄ SNOOZE/STEP ►" to snooze for 5 minutes. Stop the alarm clock.

16: Cancel the scheduled power-on /scheduled alarm clock functions

Cancel scheduled power-on and scheduled alarm clock: In the state of time, lightly press "SQ.ST" to turn off the alarm clock, then "🕰" disappears.

17: Backlight setting

In the mode of time display, long press "PRESET" for 2 seconds, then " br on" or "br AUE" appears on LCD. Lightly press "PRESET" to choose " br on" or "br AUE" backlight mode. What you choose finally will be the default option.

---" br on" means power-on working mode, and the backlight is always on;

---"br AUE" means power-on working mode, and the backlight is on for 5 seconds.

*The backlight cannot be controlled in the mode of time display. The backlight will be off automatically with no operation in 5 seconds, going to the power saving mode.

In the power saving mode of backlight, lightly press "○" and "🔒" to turn on the backlight.

18: TYPE-C USB: charging & PC AUX-IN functions

18.1: Charging: This product has overvoltage protection function in charging. Charging voltage: ≦6.2V.
Please use the charging device with input voltage of DC5V/1A-DC3A to charge the battery, or the battery or the device will be probably damaged.
If the lithium battery is not in use for a long time, please charge it once a month or remove it.
Insert the USB cable, then "🔋" flashes on LCD, which means it's charging. When the battery is charged fully, "🔋" appears and stops flashing. The charging time is generally 4-5 hours.
18.2: USB audio input: When the radio is working, connect the radio to the computer using the USB cable. "PC" appears on LCD, now the radio can be used as a speaker for audio input.
18.3: Used as a card reader: Insert the TF card into the radio, and connect the radio to the computer using the USB cable for file transfer and deletion of files in TF card.
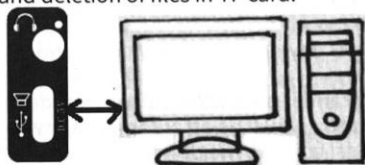
19: Antenna

18.1: Listen to FM, VHF, SW, AIR and WB.
a.Pull out the antenna, change the length of antenna, try the direction and find a position with the best receiving effect.
b.Insert the external antenna " Ψ_{EXT} ", change the length of antenna, try the direction and find a position with the best receiving effect.
*Note: In case of channel chaos due to strong interference, please shorten the antenna.
18.2: Listen to AM: This product uses the built-in magnetic antenna to receive AM. The magnetic antenna may be affected by direction to receive signals, so you can properly rotate the radio when listening to AM to find a position with the best receiving effect.

20: Key technical parameters

Band	Receiving range	Receiving sensitivity	Demodulation	Description
FM	64.0-108.0MHZ	5uV	Optional MONO/ST	Frequency modulation
MW	520-1710KHZ	12mV/m	AM	Medium wave
SW	3.20-30.0MHZ	30dBuV	AM	Short wave
V.UHF	25.0-999.0MHZ	1uV	NFM	Very high frequency/ ultra high frequency

AIR	118.0-138.0MHZ	5uV	AM	Air band
WB	162.400-162.550MHZ	5uV	NFM	Weather band of North American countries

Quiescent current: ≤ 70uA

Max current: ≤ 750MA

Speaker: Φ40mm/4Ω/3W

Number of channels stored in the mode of receiving: 1,000 in total

Bluetooth version: 5.0

Bluetooth receiving distance: ≤20m

Min operating voltage: 3.4V

External input voltage: DC.5v

2,500mAh lithium battery: 3.7v

TF card play format: MP3, WMA, WAV, APE and FLAC

Max memory of TF card: 256G

Product size: 138.3*86.5*30.7mm

Net weight: 250g (including the built-in lithium battery)

21: Matters needing attention

Please comply with the following safety tips to use this product, ensuring safe and reliable use.

◆ Read and know all safety instructions and use information.

◆ When the battery symbol "▯" appears or the frame of the symbol flashes, it means low battery level. Please charge the battery timely to ensure normal use.

◆ Please use the charging device with input voltage of DC5V/1A-DC3A to charge the battery, or the battery or the device will be probably damaged.

◆ If the radio is not in use for a long time, please charge it once a month.

◆ Keep the product away from rainwater and damp. Do not drop or splash any liquid onto the product.

◆ Keep the product away from high-temperature heat source. Do not bake or blow the product at high temperature.

◆ Avoid direct sunlight for a long time.