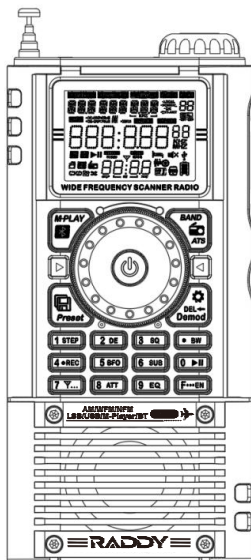


RADDY

Wide Frequency Scanner Radio Operating Manual Model: RF780



Thank you for your purchase. Please read these operating instructions carefully before use and keep them properly for future reference.

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1: Package Contents

Item	QTY
RF780 Wide Frequency Scanner Radio	1
shaped Ferrite Bar Medium Wave Antenna (Exclusive for RF780)	1
Strap	1
Lithium Battery	1
Data & Charging Cable	1
Back Clip	1
Screws for back clip	2
Screwdriver	1
Operating Manual	2
Packing box	1

2: Main Technical Parameters

Receiving Band	Frequency Range	Noise Limited Sensitivity	SNR	Demodulation
FM	64.76/87-108MHz	2dB μ V	50dB	MON/ST
MW	520/522-1710KHz	3mV/m	45dB	AM
SW	2.30-30.00MHz	33dB μ V	45dB	AM/USB/LSB
AIR	118.00-138.00MHz	-1dB μ V	45dB	AM
CB	25.00-28.00MHz	-9dB μ V	50dB	AM/NFM
WB	162.400-162.550MHz	-6dB μ V	48dB	NFM
VHF	20.00-250.00MHz	-5dB μ V	45dB	NFM
UHF	250.00-999.00MHz	2dB μ V	45dB	NFM
Maximum Current	Radio working mode: 700mA			
Max. Output Power	Radio working mode: 2.1W			
Quiescent Current	$\leq 50\mu$ A			
Min. Operating Voltage	3.6V			
BT Version	VER5.2			
BT Reception Range	≤ 20 metre			
TF Card Playback Formats	MP3 , WMA , WAV , APE , FLAC			
Max. TF Card Capacity	256G			
Lithium Battery	BL5C, 3.7V, 1000mAh			
Product Size	60.46x35x136mm			
Weight	About 158g(including battery)			

3: Working Mode

Working Mode	LCD Display
Wide Frequency Band: FM-MW-SW(SSB)-VHF-U HF-AIR-CB-WB	
Supports Mobile APP Remote Control: Control station selection, working modes and volume via your mobile phone.....	
Supports Radio Recording	
BT Playback: Can connect to mobile phones and computers via Bluetooth for audio playback	
TF Card playback	
PC Playback (Copy & delete TF card files via PC connection...)	
Time Display	
Two alarm types: Radio timed power-on Standard buzzer alarm	
Sleep timer available	

4: Power On / Power Off

Step 1: Turn on display:

Short press any one of the three keys to turn on the display



Step2: Unlock keys

Factory default status is locked. After turning on the display, long press the lock key [ UN LOCK RS LOCK ALL LOCK] within 10 seconds to unlock the radio.

The lock icon “ ” at the bottom right of the LCD disappears.

Step3: Short press the [] key, turn on the radio. Short press the [] key, turn off the radio.

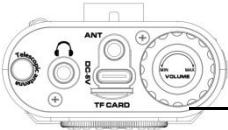
Tip: The power key [] is a multi-color backlit button. In dark environments, it lights up in different colors corresponding to various working modes. (Subject to the actual product.)

5: Volume Adjustment

The rotary knob on the top of the radio controls the volume.

Clockwise: Volume up (Max Level 32)

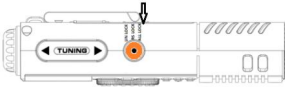
Counterclockwise: Volume down (Min Level 00)



6: Lock / Unlock

The lock switch () on the unit is a two-position switch.

UN LOCK
RS LOCK
ALL LOCK



Operation Guide	Symbol on the LCD	Locked Keys
Short press: Lock two shuttle knobs Press again: Unlock	 Icon shows → Shuttle knobs locked  Icon disappears → Shuttle knobs unlocked	 Volume knob  Tuning knob
Hold 2s → Lock all keys/ Hold 2s again → Unlock all keys	 Icon shows → All keys locked  Icon disappears → All keys unlocked	All keys

7: Display Backlight Time Setting

This product adopts STN LCD with negative display and blue background.

Viewing Area Size: 32.8X25.8mm(±2mm)

This display features low power consumption, clear visibility outdoors, wide viewing angle, eye protection and high durability.

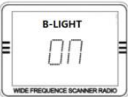
Power on: Backlight modes — 10s / Always On (Factory default: Always On)

Time display mode: Hold [] key for 2s to enter backlight setting

Short press the [] key to switch between the two modes



Two selections:



This indicates the working status. The backlight stays on for 10 seconds after each key operation.

(Press any key to activate the backlight; the screen will turn off 10 seconds after no further operation.)

Working status | Backlight: Always On

8: Working mode switching

Short press the [] key switch to music playback mode
Short press the [] key



Short press the [] key switch to radio working mode
Short press [] to toggle bands
FM-MW-SW(SSB)-

Toggle music modes below :



Switch to Bluetooth mode



card to start TF card playback



Connect to a computer via data cable to enter PC playback / card reader mode.

9: Restore Factory Settings

Hold Power [] for about 10s

Keep holding until the LCD flashes once, then the time will be displayed on the LCD. 

Factory reset completed.

10: Select EQ sound effect

10.1 Radio mode: Short press key [9] repeatedly to select EQ effects. Options are as follows:

SDA DC OFF	Digital audio channel off. Anti-interference EQ (Factory default)
NORMAL	Standard
POP	Pop Music
ROCK	Rock Music
JAZZ	Jazz Music
CLASSIC	Classic Music
COUNTRY	Country Music

10.2 Music mode: Short press key [9] repeatedly to select EQ effects. Available options are as follows:

NORMAL	Standard
POP	Pop Music
ROCK	Rock Music
JAZZ	Jazz Music
CLASSIC	Classic Music
COUNTRY	Country Music

Tip: EQ settings are memorized on power off.

11:Use Antenna

- 11.1: For radio reception (except MW), fully extend the antenna. If severe interference or channel crosstalk occurs, retract the telescopic antenna.
- 11.2: Listen to MW radio
 - 11.2.1: Built-in directional magnetic antenna for MW. Rotate unit for optimal reception.
 - 11.2.2: MW External Antenna: Insert included T-antenna into top ANT port under MW mode.



Short press [7] to enable external T-rod antenna. LCD status below :



Short press [7]



12: Listen to radio broadcasts

12.1: Select band reception range

In FM mode, short press key [6] to select among three reception bands. See below:

LCD Display content	Reception range	Country
87	87.0-108.0MHz	China/USA/Europe/South Korea...
76	76.0-108.0MHz	Japan
64	64.0-108.0MHz	Russia

In MW mode, short press key [6] to select MW tuning step. See

figure below :

LCD Display content	Reception range	Country
522	522-1710KHz/9KHz or 3KHz	China/Europe/South Korea/Russia...
520	520-1710MHz/10KHz or 5KHz	North American Countries : Canada、American、Mexico

12.2: Set tuning step (STEP) for each band

Short press the [1] key to select the following tuning steps for each band:

Band	step
FM	10KHz /50KHz/100KHz
MW	522-1710KHz : 3KHz /9KHz
	520-1710KHz : 5KHz /10KHz
SW	1KHz/5KHz
VHF	25KHz/12.5KHz/7.5KHz/5KHz/1KHz
UHF	25KHz/12.5KHz/7.5KHz/5KHz/1KHz
AIR	8.3KHz/12.5KHz/25KHz
CB	5KHz/1KHz

12.3: Radio station search methods

12.3.1: Manual station search:

Short press the [◀ TUNING▶] key , Frequency increase / Frequency decrease

Short press key [1] to select the band tuning steps described in 12.2, then press the [◀ TUNING▶] keys to adjust the frequency.

Or rotate the shuttle knob [] to tune stations.

12.3.2: Automatic station search

Hold [◀ TUNING▶] for 2s to Auto-search stations. It stops

and plays when a clear signal is received.

12.3.3: Full auto search & station memory

Hold the key [] for 2s in radio mode (except WB) to auto-scan and save stations. Frequencies scan from low to high, stations store to P001-P200 in order. Search stops when finished and plays the first preset station.

After full auto station search, if stations are stored, the radio enters preset recall mode. You can select stations by short pressing [◀ TUNING ▶] or rotating the shuttle knob [].

To re-tune frequencies, short press the [] key to exit preset recall mode first.

Note: The number of automatically stored stations depends on local signal strength.

12.3.4: Fine-tune Station Selection

Rotate the shuttle knob [], and the frequency will flash to indicate the radio is in fine-tune standby mode.

Short press key [1] to select the digit position for frequency increment. When the target digit flashes, rotate the shuttle knob [] for quick station tuning.

Note: The fine-tune function is unavailable for MW and WB bands

12.3.5: Frequency Input via Numeric Keys

Short press [] key, LCD display the symbol -----, Enter the digits for a valid frequency. Press the key [] again to confirm.

12.4: Manual Station Storage Methods

Tune to the desired frequency following the search methods described in section 12.3. Hold the key [] for 2s until the LCD preset number flashes 

Short press the key[] again within 5 seconds to save the station.

12.4.1: Replace Saved Stations

Press and hold the key[] for 2 seconds. The preset number on the LCD will flash. 

Short press 【◀ TUNING▶】, rotate the shuttle knob[] or enter the preset number via numeric keys to select the position to be replaced, then short press the key[] again to confirm saving.

12.5: Recall Station

Short press the key[] to activate preset recall mode, LCD display: 

Select presets via 【◀ TUNING▶】 or shuttle knob [] to play saved stations.

You may also enter the preset number via numeric keys, then short press the key[] to confirm and recall the station.

TIP:

◆ Short press the preset recall key[]. The LCD will display corresponding characters: 

indicating no stations have been saved.

◆ Keys 0-9 do not function during recall mode.

12.6: Delete Saved Stations

Short press the key[] to enter recall mode, and select the target station. Hold the key[] for

2s until the LCD flashes: 

then press the key[] once more to confirm deletion.

12.7: North America WB Weather Band

WB covers seven frequencies:

162.400MHz, 162.425MHz, 162.450MHz, 162.475MHz,
162.500MHz, 162.525MHz, 162.550MHz

12.7.1: Power on the Radio, press the key[] to enter WB band. Choose frequencies via [◀ TUNING ▶] or shuttle knob[]

12.7.2: Alert Scan: Hold the key[] for 2s under WB mode to enable alert. The LCD icon “ALE” flashes during scanning. Scanning halts automatically when an alert is received, and the icon “ALE” fades out.

12.7.3: Exit Alert Scan: Hold the key[] for 2s to quit and return to WB playback.

Tip: ♦ No keys work while scanning. Hold the key[] for 2s to exit alert mode and resume operation.

12.8: FM De-emphasis Settings

In FM mode, short press numeric key [2] to select de-emphasis: DE-EMP:50 μ s / DE-EMP:75 μ s.

The factory default setting is DE-EMP:75 μ s.

Tip: ♦ Adjust the de-emphasis to optimize FM audio quality, delivering a more natural and balanced sound. It effectively reduces high-frequency interference and noise, while boosting the high-frequency components of the audio signal.

12.9: Squelch (SQ) Settings

Can enable SQ squelch for radio reception in five bands: SW, VHF, UHF, AIR and CB, according to your listening needs.

Short press numeric key [3] to select squelch level. A total of 9 levels are available.



Short press numeric key [3]. The corresponding symbol  appears on the LCD, indicating the squelch function is turned off.

Tip: ◆ If the squelch level is set too high, weak distant stations will be muted and cannot be received. Near the critical frequency of weak local stations, the audio may cut in and out. Adjust the squelch appropriately according to your needs.

12.10: BW Settings

In radio mode (excluding WB band), short press the BW key to switch bandwidth.

Band	BW
FM	40KHz/60KHz/84KHz/110KHz
MW	1.0KHz/1.8KHz/2.0KHz/2.5KHz/3.0KHz/ 4.0KHz/6.0KHz
SW	Demodulation is AM : 1.0KHz/1.8KHz/2.0KHz/2.5KHz/3.0KHz/ 4.0KHz/6.0KHz
	Demodulation is LSB/USB : 0.5KHz/1.0KHz/1.2KHz/2.2KHz/3.0KHz/ 4.0KHz
VHF	1.7KHz/2.0KHz/2.5KHz/3.0KHz/3.75KHz/ 4.0KHz/4.25KHz/4.5KHz
UHF	1.7KHz/2.0KHz/2.5KHz/3.0KHz/3.75KHz/ 4.0KHz/4.25KHz/4.5KHz
AIR	1.0KHz/1.8KHz/2.0KHz/2.5KHz/3.0KHz/ 4.0KHz/6.0KHz
CB	Demodulation is AM : 1.0KHz/1.8KHz/2.0KHz/2.5KHz/3.0KHz/ 4.0KHz/6.0KHz
	Demodulation is NFM : 1.7KHz/2.5KHz/3.75KHz/4.5KHz
WB	3KHz

The current selected bandwidth will be saved as default after operation stops.

12.11: Radio Internal Recording

12.11.1 Radio Internal Recording: In radio mode, insert a valid TF card, then press and hold numeric key [4] The corresponding content will show on the LCD.



"The symbol flashes and the recording time increments.

12.11.2: To exit radio internal recording: Short press numeric key [4] again

12.11.3: Quickly Retrieve Recording Files

Short press key [4] to quit recording, Short press the [] key to switch to TF card playback mode. Long press the [] key to quickly enter the recording folder.

Rotate the shuttle knob [] or short press the tuning button on the right [◀ TUNING▶] to select recording files.

12.11.4: Deleting Recording Files:

While playing a recording file, long press the [] key. The characters "  " flash on the LCD. Then short press the [] key again to confirm deletion.

12.12: Select Demodulation Mode

12.12.1: FM working mode, After inserting the headphones, short press the  key, Switch between mono and stereo demodulation modes

 This symbol indicates stereo playback via headphones.

 This symbol indicates monaural listening (factory default mode).

Tip: ◆ When listening via the built-in speaker, switching between the two demodulation modes above shows no obvious difference.

12.12.2: SW working mode: short press the  key, Switch AM/LSB/USB Demodulation Modes:

 This symbol indicates the normal shortwave mode (factory default mode).

 This symbol indicates Lower Sideband (LSB) mode.

 This symbol indicates Upper Sideband (USB) mode.

12.12.3: CB working mode: short press the  key, Switch AM/NFM Demodulation Modes

 This symbol indicates the traditional long-distance mode (factory default mode).

 This symbol NFM (Narrowband FM) represents the local high-fidelity and low-noise mode.

12.13: SW SSB BFO Settings (Beat Frequency Oscillator Abbreviation BFO)

In SW mode with demodulation set to LSB/USB, short press the numeric key [5].

LCD display symbol: 

Rotate the shuttle knob [] clockwise or counterclockwise to adjust the BFO within the range of -100 to +100 for clear audio.

12.14 :Select Metre Wave

Operating modes for SW, AIR, VHF and UHF bands, Short press numeric key [6] to quickly switch to Metre Wave frequencies, as detailed below:

Band	Select Metre Wave
SW	3.2MHz, 3.75MHz, 3.9MHz, 4.75MHz, 5.73MHz, 7.1MHz, 9.25MHz, 11.5MHz, 13.57MHz, 15.03MHz, 17.48MHz, 18.9MHz, 21.45MHz, 25.67MHz
AIR	118MHz, 123MHz, 128MHz, 133MHz, 136MHz, 138MHz
VHF	30MHz, 136MHz, 156.025MHz, 174MHz, 220MHz
UHF	300MHz, 350MHz, 400MHz, 409.75MHz, 446.005MHz, 462.5625MHz, 500MHz, 550MHz, 600MHz, 650MHz, 700MHz, 750MHz, 800MHz, 850MHz, 900MHz, 950MHz

12.15: Local/DX Switch

Short press key [8] to switch LOCAL/DX in FM, SW, VHF, UHF, AIR and CB modes:



This symbol stands for DX mode (factory default).

•DX

High gain & full sensitivity for receiving far weak signals and overseas shortwave.



This symbol indicates LOCAL mode. It reduces receiving sensitivity and filters out interference. Features: clear audio for local stations with no noise or cross-talk.

Tip: ♦ In MW mode, ATT is fixed to the default state , cannot be switched.

♦ In WB mode, ATT is fixed to default state , cannot be switched.

-DIX

12.16: Enable or disable key buzz

In time display mode, press and hold numeric key [2] to access the key buzz on/off selection.

Short press key [2] repeatedly to toggle between the two modes. (Factory default: Key sound enabled)

LCD display:  Key buzz On

LCD display:  Key buzz off

13: Bluetooth mode

13.1: Bluetooth Connection Name: RF780

12.2: Switch to Bluetooth mode by short pressing the []

key. The corresponding content “BT * || ” will appear on the LCD.

The icon “  ” flashes to indicate device searching.

Enable Bluetooth on your phone or computer, find the Bluetooth name RF780 and follow the prompts

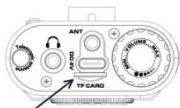
to connect. Once connected, the icon “  ” will stay lit steadily.

12.3:Track Select

Short press the 【◀ TUNING▶】 key or rotate the shuttle knob [].

Play/Pause control: Short press the 【0 ▶ ||】 key to toggle between play and pause.

14: TF Card Mode



14.1:The TF card slot is located on the top of the radio, as shown in the figure above. Insert a valid TF card into the slot in the correct orientation “  ” and press it gently to secure.

Press gently again to eject the TF card.

Short press the [] key to switch to TF Card playback mode.

14.2:Supports TF cards up to 256GB. Compatible with audio formats: MP3, WMA, WAV, APE and FLAC.

14.3:Track Select

Short press the 【◀ TUNING▶】 key or rotate the shuttle knob [].

Play/Pause control: Short press the 【0 ▶ ||】 key to toggle between play and pause.

14.4:Fast Forward:Press and hold the [◀ TUNING] key

14.5: Rewind: Press and hold the [TUNING▶] key.

14.6: Select playback mode. Short press the [] key to switch between playback modes. The playback modes are listed below:

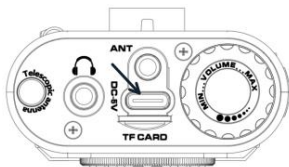
 —All Repeat  —Repeat one

 —Repeat file  —Random.

TIP:

- ◆ When playing music from the TF card, audio distortion may occur due to the source files. It is recommended to adjust the EQ mode or volume.
- ◆ When switching to TF Card mode with an invalid TF card, the LCD will display "----", indicating no card detected. Please replace it with a working TF card.

15: Type-C USB Dual-Port Instructions



15.1 : Type-C Charging : Connect a 5V DC power supply to the DC-5V charging port. The charging icon “  ” and scrolling battery icon “  ” will appear on the LCD to indicate charging is in progress.

When fully charged, the LCD shows a full battery icon “  ”, indicating charging is complete.

Tip:

◆ It is recommended to use a charger with DC 5V/1A~3A output to avoid damage to the lithium battery

and the device.

◆ If the device will not be used for a long time, charge the lithium battery once a month or remove the battery to prevent power loss.

◆ It takes approximately 5 hours to fully charge the lithium battery.

15.2: Connect to Computer

Connect the unit to a computer via the data cable, and it will automatically switch to PC mode.



The LCD of the radio is display



At this time, the radio can be used as an audio input device.

Track Select:

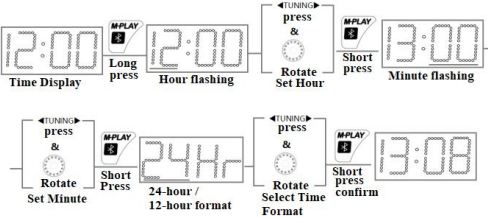
Short press the 【◀ TUNING ▶】 key or rotate the shuttle knob [].

Play/Pause control: Short press the 【0 ▶ ||】 key to toggle between play and pause.

After inserting a valid TF card into the radio and connecting it to a computer, the device can function as

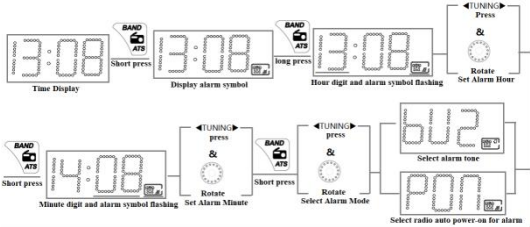
a card reader for file transfer, music downloading, track deletion and other operations.

16: Time Setting

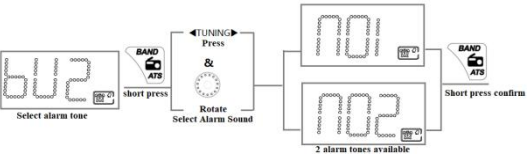


Tip ♦ If 12Hr format is selected, AM indicates a.m. and PM indicates p.m

17: Alarm Setting



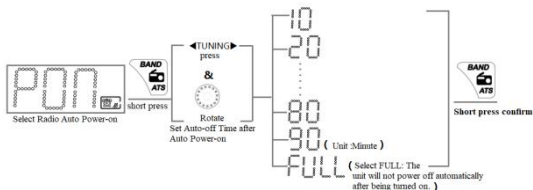
17.1:Alarm tone is selected, follow the operations below



Tip: ♦ After selecting the alarm mode and activating the alarm: short press the [] key to turn off the alarm for the day. The alarm icon  will stay on steadily.

◆ Press any other key to activate the snooze function. The alarm icon  will flash, and the alarm will sound again after 5 minutes. The alarm will stop automatically after 6 snooze cycles.

17.2: If the alarm is set to "Radio Auto Power-on"



Tip: ◆ When the alarm is set to Radio Auto power-on, the device will resume the operating mode used before power-off.

◆ After setting the auto-off time, the sleep icon  will display upon power-on.

18: Turn off alarm

In alarm active mode, short press [] to turn off the alarm. The Timer Power-on  or

Alarm tone  icons on the LCD will disappear, indicating the alarm is deactivated.

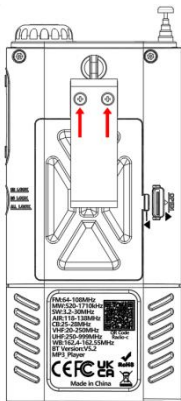
19: Sleep Time Setting

In power-on status, press and hold the Power [] key for 2 seconds to enter the sleep auto-off time setting. The corresponding content  will show on the LCD and the sleep icon  will flash. Short press the Power [] key to select the sleep time: 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10 (Unit: Minute)

Stop operation to confirm the last selection. The icon  will stop flashing and stay steady on.

20: Install the back clip

Attach the back clip to the position indicated by the arrow in the figure. Align the screw with the mounting hole on the bottom housing, then tighten it clockwise with a screwdriver.



21: APP Connection

21.1: Schematic Diagram for Mobile APP Download



Step1:Turn on the radio



App Download



Radio-c



Step4:use the App

Tip:

◆ If you already own our Radio-C compatible device, no need to download again. After turning on the radio, tap RF780-BLE to connect and use.

◆ After using the App, tap the power button [] on the App

interface to power off.

The radio will keep displaying the time.



To turn off the time display on the radio, disconnect from the App. Follow the steps below:

Tap the button [] at the bottom right of the App interface to disconnect.

The phone will show: Bluetooth BLE disconnected

You may also press and hold the [] key when the radio is powered off to disconnect.

The corresponding characters **BLE OFF** will appear on the LCD to indicate disconnection.

21.2 Turn the App on and off

When the time is displayed (no App icon  on the LCD), press and hold the [] button to enter the App on/off selection. Short press the [] button again to make your choice.

APP:ON Indicates the App works normally.

APP:OFF Indicates the App is unavailable.

Tip: ♦ If you fail to access the App, follow these steps to check if it is disabled. Switch to the corresponding status

APP:ON for normal use.

21.3: App Download Steps

21.3.1: For Android and HarmonyOS phones, please scan the QR code below with your phone to install the App:



21.3.2: For iOS devices, go to the App Store and search for Radio-CT to download the app:



You may also scan the QR code below to go to the App Store page and download the app:



21.3.3:After enabling the browser to scan the installation QR code for RF780, 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.



21.3.4 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, Choose RF780-BLE to establish a successful connection.



Android/Harmony OS Mobile



Apple Iphone download Desktop Icon



22: App Menu Icon Functions

No	Symbol	Button Function Description
1	Demodulation	Demodulation(Tap to select the demodulation mode on your phone.)
2	Bandwidth	click to select the bandwidth
3	SNR	Signal to Noise Ratio
4	RSSI	Receive Sensitivity
5	VOL	Sound level Indicator
6	BAND FM	Click to select the working mode.
7		View Device Version
8		Battery Indicator
9		Radio frequency display,working mode display
10	KHZ MHZ	Unit
11		Edit the frequency name: long press this position, input the present frequency name according to the language tips.
12	MEMO	Short press to recall stations. Long press and short press to preset stations. You can select the station number by short pressing the [⇐ ⇒] key or numeric keys.

13	 MUSIC	Bluetooth/TF card /PC playback mode switch
14		Mute on&off / Play & Pause
15		1: Direct Frequency Input: [ENTER] → Enter frequency via numeric keypad → [ENTER] confirm 2: Manual station storage in radio mode: [MEMO] → Enter station number via numeric keypad → [MEMO] confirm 3: Recall station: [MEMO] → Enter station number via numeric keypad → [ENTER] confirm 4: TF Card mode Short press: Enter song folder via numeric keypad → [ENTER] confirm 5:  Delete Button
16	METE	Select the meter wave.
17	SCAN	1: Radio operating mode: Press and hold to enable full-automatic station search (excluding WB). 2: In the WB mode, long press to enter the automatic warning function. Press long again to exit the warning notification.
18		1: Short press to turn the alarm on/off. 2: Long press to set the alarm and scheduled power-on.
19	MODE	1: In TF Card playing mode, select playback mode:  repeat all,  repeat one,  repeat file,  random 2: Radio mode: Switch demodulation modes for FM, SW and CB

20		1:Radio Mode : Frequency increment, decrement, deposit station, take station address number selection Long press: Automatically search for radio stations Recall station mode:Recall station + /Recall station - 2:Music playback mode:Select PREV,NEXT Song
21	EQ	Select EQ
22	VOL+ -	VOL+: Volume increases VOL-: Volume decreases
23	BAND	switch radio receive mode / Switch from Music Mode to Radio Mode
24		Tap to power on, and tap again to power off.
25	LOCK	Lock/Unlock
26		The mobile APP connects to the entry button of the HRD-A330 radio. Press and hold for 2 seconds to exit the APP connection
27		Device calibration time key (can correct the time displayed on the radio with one click, consistent with that on the mobile phone)
28		Sleep time setting
29	REC OFF	After inserting the TF card, lightly press to start recording in the radio, and press again to exit the recording.
30	SQL	Short press to set squelch for SW/AIR/CB/VHF/UHF.

23. Notes

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

- ◆ 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.
- ◆ 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.

24: Free Channels for Civil Walkie-talkies

China Free Channels :

1	409.7500MHz		11	409.8750MHz
2	409.7625MHz		12	409.8875MHz
3	409.7750MHz		13	409.9000MHz
4	409.7875MHz		14	409.9125MHz
5	409.8000MHz		15	409.9250MHz
6	409.8125MHz		16	409.9375MHz
7	409.8250MHz		17	409.9500MHz
8	409.8375MHz		18	409.9625MHz
9	409.8500MHz		19	409.9750MHz
10	409.8625MHz		20	409.9875MHz

European Free Channels

1	446.00625MHz		9	446.10625MHz
2	446.01875MHz		10	446.11875MHz
3	446.03125MHz		11	446.13125MHz
4	446.04375MHz		12	446.14375MHz
5	446.05625MHz		13	446.15625MHz
6	446.06875MHz		14	446.16875MHz
7	446.08125MHz		15	446.18125MHz
8	446.09375MHz		16	446.19375MHz

US Free Channels :

1	462.5625MHz		16	462.5750MHz
2	462.5875MHz		17	462.6000MHz
3	462.6125MHz		18	462.6250MHz
4	462.6375MHz		19	462.6500MHz
5	462.6625MHz		20	462.6750MHz
6	462.6875MHz		21	462.7000MHz
7	462.7125MHz		22	462.7250MHz
8	467.5625MHz		15RP	467.5500MHz
9	467.5875MHz		16RP	467.5750MHz
10	467.6125MHz		17RP	467.6000MHz
11	467.6375MHz		18RP	467.6250MHz
12	467.6625MHz		19RP	467.6500MHz
13	467.6875MHz		20RP	467.6750MHz
14	467.7125MHz		21RP	467.7000MHz
15	462.5500MHz		22RP	467.7250MHz

SAIN3 LLC

251 Little Falls Drive Wilmington, New Castle, DE, 19808

www.iraddy.com

support@iraddy.com