High-performance All-band Radio Bluetooth ● TF Card ● AUX-in Play Flashlight • SOS Alarm • APP Intelliger **Remote Control Instructions for Use** 



### : Introduction to product functions-3: Packing list-----4: Download of mobile APP (see the APP installation on reference appendix) 5: Function of buttons -----6: Symbols on LCD----- 10-11 7: Functions of symbols----- 12-21 8: Introduction to Bluetooth mode---9: TF card play-----21-23 10: Setting of running time----- 23 11: Setting of on timer and clock timer----- 24-27 12: Play mode selection and EQ setting------SOS-Alarm & Notbeleuchtung-----TYPE-C USB: Aufladen & Computer AUX-IN Funktion-----Verwendung der Antenne----Technische Daten-----

Sicherheitshinweise-----

₹D-A320 is a DSP digital display multi-band radio supporting APP intelligent remote developed by our company with all efforts. It supports bands of AIR, FM, MW, SW, VHF and WB, play modes of Bluetooth, TF card and audio input as speaker (3.5MM line-in/connection to computer with USB data AUX-in), connection to computer for use as card reader, 5W high power amplifier, mega bass, flashlight and SOS alarm. HRD-A320 is an emergency product for both indoor and outdoor use. With multiple functions and more interesting way of searching channels, this product supports key tuning, pulley and shuttle search, and manual pointer search. Multiple ways of searching

### 2: Introduction to product function

.1: This product realizes multi-band reception of AIR, FM, MW,

## read this Instructions for Use and keep it properly.

ur company is aimed to develop new products, adhere to

ontinuous innovation and satisfy the requirements of use

## hannels give you unique use experience.

SW, VHF and WB through software programming and has high reception sensitivity. .2: This product supports mobile APP intelligent remote con

# 1: Product overview

2.4: This product has a dual-purpose TYPE-C jack which supand computer with USB cable for use as external speaker of

2.5: This product uses 18650 ultra-large capacity lithium battery with long life. The battery can be removed. Longer 2.6: In the mode of reception, this product supports digita

giving users more tun of use. channel search and automatic channel storage, manual chan-2.8: This product designs 5 AIR meter waves, 11 SW meter

and quick channel taking.

choosing through frequency, locking, etc, giving users a ne

Bluetooth for wireless music play. It supports MP3, WMA, WAV,

for you to choose:

waves and 9 VHF meter waves for quick frequency switching

This product uses advanced audio technology to connect ): FM:76.0-108MHZ/ AM:522-1710KHZ (Step value: 9KHZ) 4): FM:64.0-108MHZ/ AM:522-1710KHZ (Step value: 9KHZ) 1.10: In the mode of play, this product can start the marquee and give you wonderful music melody. 1: This product provides BASS effect and supports listening

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

ining, manual tuning, pulley search and other ways of search,

remote control of band switching, mode switching, frequency choosing on numeric keyboard, volume adjustment, channe

2): FM:87.0-108MHZ/ AM:520-1710KHZ (Step value: 10KHZ)

with earphone, satisfying the requirements of all users. 1.12: In the play mode of TF card, there are four ways of play

1.13: This product supports the function of lock. ..14: This product uses a 1.38 inch screen to display the time, battery status, signal, sleep time and clock symbol. 5: This products uses 24-hour/12-hour system

16: The off time for sleep can be set: )-80-70-60-50-40-30-20-10 minutes. 7: On timer and clock timer can be set. 18: After choosing the on timer, the off time after power on can be set: 10-20-30-40-50-60-70-80-90 & FULL (automatic

changes with FM. With no limit of national boundary, it can be 1): FM:87.5-108MHZ/ AM:522-1710KHZ (Step value: 9KHZ)

F/AW/SW/AIR: 199 bands).

HRD-A320 high-performance all-band radio 18650 lithium battery, 2,000mah 3.7V USB TYPE-C charging cable

supports six EO sound effects: E1: NORMAL, E2: POP, E3: ROCK

### power off after power on cancel)

2.21: In the play mode of Bluetooth or TF card, this product

E4: JAZZ, E5: CLASSIC, E6: COUNTRY 22: This product uses more user-friendly TYPE-C charging

4: Download of mobile APP 2.19: The backlight can be used in the dark. 2.20: In the mode of reception, this product has ultra large memory capacity to memorize 995 channels (FM/VH

Step 3: Successful installa- Step 4: Click to enter the APP tion on mobile

(see the APP installation on reference appendix) Long press "" for 2 seconds, "" appears on the screen, Step 1: Turn on the radio Step 2: Install the APP

【refer to details in Article 11】

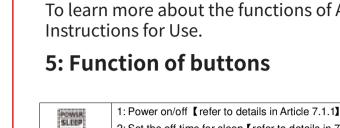
1: When the screen is off: light press for start of backlight & time display 2: When the time is shown: long press&light press for start of running time setting I refer to details in Article 101 3: When the radio is powered on: light press for switching between FM/VHF/MW/SW/AIR/WB 4: In the mode of FM/VHF/MW/SW/AIR: long press for 2 seconds to enter the mode of full

: In the mode of WB: long press this button for 2 seconds to start the alarm. Before finding the alarm signal, long press it again to exit alarm search.

Minute and symbol

APP, lightly press "" to turn off the radio and show the time.

and now APP is disconnected. To learn more about the functions of APP, please the APP



automatic channel search and automatic channel storage he play mode of TF card: lightly press this button to play the previous song, and lo

AM.9KHZ/10KHZ accordingly Backlight adjustment: choose a light display mode

In the play mode of Bluetooth: lightly press this button to play the previou

2: In the mode of WB, lightly press this button to switch between 7 frequencies 3: Correct frequencies cannot be adjusted manually in the mode of VHF/AIR/WB. Every time lightly press this button to switch to corresponding meter frequency after calculation with algorithm through potentiometer.

FM frequency selection: switch between FM reception frequencies, switch bet ween AM.9KHZ/10KHZ accordingly Backlight adjustment: choose a light display mode

1: When the time is shown: set L1, L2 and L3backlight (refer to details inArticle 2: When the radio is powered on: light press&long press for volume increase 3: In the play mode of TF card: lightly press this button to play the next song, and long press 1: When the time is shown: long press&light press for start of on timer& setting of clock timer 2: When the radio is powered on: light press&long press for volume decrease

FM frequency selection: switch between FM reception frequencies, switch between

### 1: When the time is shown: long press this button for 2 seconds to start manual adjustment of | Shuttle|| 2: In the play mode of Bluetooth or TF card: rotary song selection. FM/MW/SW frequency range and lightly press " to choose a frequency I refer to

### 1: When time is shown: light press&long press for Time adjustment: time+

of lock, and long press it for 2 seconds to unlock. (SOS alarm and flashlight are not 2: In the mode of reception: lightly press this button, frequency will increase based on the min value. Long press this button for 2 seconds to automatically search chann els up.

huttle lock and lightly press it again to disable the shuttle lock. 4: In the play mode of Bluetooth: lightly press this button to play the next song. 2: Play mode: lightly press this button to choose an EQ.

> [refer to details inArticle 15]. 2: In the mode of VHF: long press this button to the start the bandwidth setting [refer to details in Article 7.3.6]. 3: In the mode of AIR: long press this button to set SQ 【refer to details in Article 7.7】. 4: In the play mode of TF card: long press this button to start the setting of play mode

node of FM/MW/SW: adjust the receiving frequency of FM/MW/SW manually.

: In the mode of reception: lightly press this button to take a channel. Long press it for 2 seconds to

store a channel manual ly. Lightly press it again to confirm a channel is stored successfully.

【refer to details in Article 9.3】. 5: In the play mode of Bluetooth: long press this button for 2 seconds the disconnect the Bluetooth. 6: When APP is connected: long press this button for 2 seconds to exit APP connection after

the radio is powered off.

12: Play mode selection and EQ setting

lightly press " again to turn off LED.

and all buttons are unlocked.

In the mode of music play, lightly press "���" to choose an EQ

14.2: Unlock: in the mode of time and power on, long press

" or two seconds, the symbol " or disappears on LCD,

When the time is shown/the radio is powered on: lightly press this button to start the 2: Connection to the audio output jack on computer 3: Connection to computer with USB cable. Use as TF card reader. 1: When searching channels using the shuttle button: the frequency on LCD flashes. Lightly press this button to switch between step values and search channels together with the shuttle button.

6: Symbols on LCD 1: In the mode of working: lightly press this button to choose a working state of marquee XXXXXXX 

MFMALERT TO TO TO TO TO

In the mode of reception: signal. Address of storing a channel & address of taking a channel &EQ symbol Full automatic channel search and storage & Manual channel storage Battery status & charging indicator 3.5mmexternal audio input jack Automatic power on & cloc

FM VHF

12-hour system AM

12-hour system PM

following table. Different countries have different requirements for FM and AW. Here are four receiving ranges. The first 1.1.1 " power on/off: this product has built-in lithium pattery. Lightly press "🎹" to show the time and lightly press ne is default value in factory. "again within 10 seconds to turn on the radio." O. FM receiving range VHF receiving range MW receiving range SW receiving range AIR receiving range WB receiving range When the radio is powered on, lightly press "" for 2 s 87.5-108MHZ 30-199.975MHZ 522-1710KHZ (9KHZ) 3.2-21.95MHZ 118-138MHZ 162.4-162.55MHZ onds to turn off the radio. Time will be shown after the radio is

Standby time: show the time

APP mode. Show the recordings.

TF card inserted into the radio

peration in 5 seconds the mode of reception;

month or take the battery out.

means L2 backlight is turned off in the mode of reception

"means L3 backlight is always on in the mode of reception;

date download/deletion

Bluetoothmode:bt shows Bluetooth state

Connection to computer: PC shows audio output state & TF card

TF card mode: show the total number of songs & show the

Successful connection between this product and mobil

FM:87-108MHZ 30-199.975MHZ 520-1710KHZ (10KHZ) 3.2-32MHZ 118-138MHZ 162.4-162.55MHZ FM:76-108MHZ 30-199.975MHZ 522-1710KHZ (9KHZ) 3.2-32MHZ 118-138MHZ 162.4-162.55MHZ FM:64-108MHZ 30-199.975MHZ 522-1710KHZ (9KHZ) 3.2-32MHZ 118-138MHZ 162.4-162.55MHZ

Note: after 10 seconds of turning off the radio, the radio enters

off. To return to check the time, lightly press " or lightly

press " " to turn on the backlight&time display. Before the

.1.2 Set the sleep time: lightly press "at to turn on the

acklight&time display. Long press " for 2 seconds to set

the sleep time. When the sleep time is displayed, lightly press

0.80.70.60.50.40.30.20.10. After choosing the minutes of auto-

/hen the radio is working, lightly press or long press " 🚏" or

.3.1: The receiving ranges of this product are shown in the

means it's charging. When the radio is fully charged, " IIII "

appears and stops flashing. The charging time is generally 4-5

17.2: USB external audio input: when the radio is powered on,

radio using 3.5MM audio cable. Lightly press "‱" to choose

the mode of "sound source input", "LINE" appears on LCD

Insert TF card and connect the radio to computer using our

connect it to computer with USB cable, now audio files can be

natic power off for sleep, "ﷺ" is displayed on LCD.

rst use, please fully charge the radio firs

.2: Volume adjustment (level: 00-32)

.3: Listen to the radio

" to adjust the volume from 00 to 32.

cally and the program of the first frequency stored will be Number of channels stored of every band: 199, 995 channels in

Warm prompt: the number of channels stored depends on FM3:70-93MHZ FM4:64-88MHZ 7.3.2.4: Shuttle channel search: in the mode of reception, In the mode of FM, when any range is chosen, the mode of

choose a channel up and down.

quickly choose a channel up and down. 2.5: " Rotary 🏝 " Manual knot channel searcl Special description of manual channel search:

SW10:18.9-19.7MHZ

manual tuning will search in one of ranges.

SW1:3.2-4.1MHZ SW2:4.7-5.6MHZ

SW5:9.2-10MHZ SW6:11.4-12.2MHZ

SW7:13.5-14.3MHZ SW8:15-15.9MHZ

\_1 receiving band ranges.

SW3:5.7-6.4MHZ

In the mode of SW, lightly press "SUB BAND" to choose from

SW4:6.8-7.6MHZ

manual channel search using the knob, which means that the

In the mode of SW, when any range is chosen, the mode of manual tuning will search in one of ranges.

When the time is displayed, long press "SUB BAND" to set MW

manual tuning range and numeric tuning range while switching between FM numeric tuning range. For details, please refer

ne frequencies beyond the range can be displayed but cannot There is a seamless connection between manual tuning ar

through the potentiometer. When switching frequencies using shuttle and buttons, it will

SW receiving frequency range: 3.2-21.95MHZ

show 11 SW meter waves:

3.20MHZ, 4.75MHZ, 5.60MHZ, 7.35MHZ, 9.90MHZ, 12.10MHZ,

press "蹒ໜ" to quickly switch and choose .4: Switch between VHF wavelets:

There are different ranges because every potentiometer has an error, it's difficult to realize consistency between all radios.

numeric tuning. When rotating the potentiometer with "Belleville" it will automatically switch to manual tuning. .28.00MHZ, 133.00MHZ, 138.00MHZ. Lightly press " to VHF/AIR/WB doesn't support manual tuning, so it will switch to

automatically switch to numeric tuning. 7.3.3: In the mode of numeric tuning, switch between SW

Numeric tuning: in the mode of SW, lightly press " to

.5: Take a channel

VHF receiving range: 30.00-199.975MHZ appears on LCD and "PRESET \*\*" flashes, now lightly press In order to receive a channel more quickly, in the mode of VHF: there are 9 VHF wavelets. Lightly press " , I 30.00MHZ, 50.00MHZ, 70.00MHZ, 90.00MHZ, 110.00MHZ, and press "\overline{star}" again to confirm. The address of storing a 30.00MHZ, 150.00MHZ, 170.00MHZ, 190.00MHZ. Lightly press

" to quickly switch and choose. AIR receiving range: 118.00-138.00MHZ. In the mode of AIR:

In the mode of VHF, long press "F" for 2 seconds to show current VHF bandwidth 5KHZ. When bandwidth is shown, lightly press "" to choose a bandwidth from 50KHZ, 100KHZ,

150KHZ and 200KHZ. After choosing a bandwidth, the radio will exit setting of bandwidth automatically within 3 seconds taking a channel). and automatically confirm the bandwidth chosen finally. Note: the factory default value of VHF-NFM is 5 KHZ.

If 50KHZ, 100KHZ, 150KHZ or 200KHZ is chosen, the radio will

receive signals in the mode of VHF-WFM demodulation.

methods in Article 7.3.2. Long press "\overline{m}" \overline{\ov the mode of channel storage, the address of storing a channel

Note: "PRESET -- " means no channel stored.

Lightly press " to switch to WB. Lightly press " or

lightly press and long press " or " or " to choose a

and "PRESET00-PRESET \*\*" appears ("01-\*\*" is the address of Lightly press "🚉 " to switch between the two. What yo

choose will be the default one.

In the mode of reception, search the target frequency using the Receiving frequencies

Note: if a target frequency is chosen, long press "\boxdeta" for 2 seconds to store a channel and lightly press "\boxtim" to confirm a channel is stored. Channels can be stored like this according to

on the right " to choose an address of taking a channel. "sq OFF": turn off SQ function Change a channel every time lightly press " or " , "sq On": turn on SQ function

4-162.475MHZ,5-162.500MHZ, 6-162.525MHZ

matic alarm "ALE". In the state of "ALE", if no alarm signal i searched, long press "" again for 2 seconds to exit "A (Note: after automatic alarm search, if no button works, long press "" for 2 seconds to cancel the alarm first and then

turn off the alarm and exit "ALE

Store a channel using the methods in Article 7.3.2.3 and 7.4. Lightly press " $lacksymbol{f res}$ " to take a channel. When "PRESET \*\*" is \qquad \qquad In the mode of AIR, long press " $lacksymbol{f res}$ ", "sq OFF" and "sq On" displayed, lightly press "a" or " or rotate the pulley appear on LCD.

1-162.400MHZ, 2-162.425MHZ, 3-162.450MHZ

"" to switch between pause and play. the card to install it,

econds to switch between pause and play, or operate the mobile to control accordingly.

and lightly press it again to take it out.

for connection to Bluetooth. After successful connection, Blue-

furn off the alarm: after the alarm rings, lightly press "" to

play the next song. Lightly press " 🗯 🦳 " or push " 🖦 🗐 " anti

press "" to disconnect Bluetooth.

Bluetooth name of this product: "HRD-A320". 8.1. When radio is powered on, lightly press "\documes" to switch to

> 8.2. Lightly press " 🔛 🐧 " or lightly push " 🕬 🖒 " clockwise to play the next song. Lightly press " 🗯 " or push " " anticlockwise to return to the previous song. Long press " 与雌네 " for 2

Insert TF card according to the direction of "[1]", lightly press 9.1: In any mode, insert TF card to play TF songs by priority, and TF card icon "🖥" appears on the screen; in any other mode, lightly press "\" to switch to TF card play; long press

9.2. Lightly press "△" or lightly push " ખાલી" clockwise to Long press " for 2 seconds, the hour "\*\*" flashes. Lightly

### 8: Introduction to Bluetooth mode

"bt". Bluetooth symbol "" flashes, which means it's waiting " to choose a way of play: A (repeat all), rO (repeat one) (repeat file), rr (random)

10: Setting of running time Lightly press "" or "" show the time.

to fast forward, and long press " to fast backward.

3.3. Disconnection of Bluetooth: in the mode of Bluetooth, lor

### -clockwise to return to the previous song. Long press " " " "

3: In the play mode of TF card, ways of play can be chosen as

Max capacity of TF card: 256G TF card supports play of MP3, WMA, WAV, APE and FLA Max number of files supported by TF card: 65,535

downloaded, if vibrato happens, please adjust the volume. In the mode of reception and Bluetooth, songs cannot be played after inserting TF card and "Err" appears on the screen.

Lightly press "Ma" or "May" to choose "24Hr" or "12Hr" time ong press "ﷺ" for two seconds, LCD shows current way of Lightly press "" to confirm the adjusted running time and ay: rA, rO, rF or rr. When rA, rO, rF or rr is shown, lightly press time system.

11: Setting of on timer and clock timer ..1: On timer and clock timer of this product can be set as In the play mode of TF card, in consideration of song source

In consideration of song source downloaded, or if TF card is broken, please change a normal TF card.

press or long press " or " or " to adjust current hour.

### press " a" or " or " to adjust current minute. Lightly press "" to show "24Hr" or "12Hr" time system.

Start the time display

- Each flash \*Mode of time display: 12Hr system: "AM" on LCD means forenoon, and "PM" on LCD means afternoon.

> the screen. Turn off the radio at the set off time, the symbol "뺴" will disappear. ——"🗺" clock timer: at the time of clock timer, the clock Time display Clock symbol

—"🚜" on timer: at the time of on timer, the working mode before power off will be chosen automatically. In the mode of Bluetooth, songs can only be played by clicking on Bluetooth device. If the time of on timer and off timer is chosen, turn on

Warm prompt: "🌬" if on timer & off timer after on timer is

symbol " a " flashes, the radio makes a "beep..." for 3 minutes at interval of 5 minutes. Lightly press "\mathbb{\textit{m}}" to turn off the clock, the symbol " 🛱 " stops flashing. Lightly press " 📷 " again to cancel the clock, and the symbol " 🛱 " disappears. When the clock rings, lightly press " o continue to sleep for 5 minutes. Stop the clock for a while.

# ic power off can be chosen (unit: minute) as follows

Light press to Choose clock the time of power off

chosen, the sleep symbol " appears on LCD. At the set off

time, the radio will be turned off automatically. 11.3: Off: on timer/clock timer Cancel the on timer/clock timer: in the mode of clock, lightly press "🔳", the symbol " 🛱 " disappears, and turn off the

### E1: NORMAL, E2: POP, E3: ROCK, E4: JAZZ E5: CLASSIC, E6: COUNTRY. The radio will default to adjusted current EQ with no operation within 3 seconds.

15: Choose a working state of marquee 13: SOS alarm and emergency lighting 5.1: In the mode of music play (Bluetooth, TF card, AUX-IN): 13.1: Power of emergency function: max output power of SOS alarm: >5W; the power of flashlight: 1W. 13.2: Start SOS alarm: long press "\exists" for 2 seconds to start SOS alarm. Lightly press "📰 " to cancel SOS alarm. 13.3: Start flashlight: lightly press " 📰 " to turn on LED and

14: Use of lock " " " working states on LCD: 14.1: Lock: in the mode of time and power on, long press " " S1: natural flash; for two seconds, the symbol "⊷" appears on LCD. "∰ emergency function cannot be locked, but all other buttons At: marquee is always on (no flash) can be locked; OF: marquee is off

ightly press "🦲" to switch to the working state of marquee. ghtly press "" to see three working states on LCD:

L5.2: In the mode of reception: lightly press " 🛅 " to switch to

### L4.3: Exclusive shuttle lock function of this product: in the 16: Setting of backlight of display window/ ode of time and power on, lightly press " 🛅 ", the symbol backlight of pointer disk/decorative light 🗝 " flashes on LCD. Now " 🕬 🗥 is locked, lightly press "" again, the symbol "⊷" disappears and "⊶ાં is

L1: backlight of L2: backlight display window of pointer disk L3:two decorative lights (on the back of radio

ptions for above three kinds of backlight

y after 5 seconds. The operation is shown as follows: When the time is shown, long press "" for 2 seconds, the symbol or appears on LCD. Lightly press appears or "" to choose from the two modes. 🛂 " means L1 backlight is always on when the radio is pow-

ა.1: L1: backlight can be always on. It will be off automatic

17: TYPE-C USB: charge&computer " means L1 backlight will be off automatically with no operation in 5 seconds when the radio is powered on. AUX-IN function 16.2: L2: backlight can be always on. It will be off automatically after 5 seconds. The operation is shown as follows: When the time is shown, long press "\bigset\sigma" for 2 seconds, "L1" appears on LCD. Lightly press "" for the second time, the

### ymbol ";", ";;" or ";" appears on LCD. Lightly press ■△」" or "Ⅲ☑" to choose from the three modes. 🔐 means L2 backlight is always on in the mode of reception; means L2 backlight will be off automatically with no

3: L3: backlight can be always on. It will be off automaticalinput. "| ⊷" appears on LCD. y after 5 seconds. The operation is shown as follows: 18: External sound source (AUX) input and play Long press "" for 2 seconds, "L1" appears on LCD. Lightly press "🕎" twice, the symbol "👼", "🚜" or "🚜" appears on When the radio is powered on, insert 3.5MM sound source D. Lightly press " or " to choose from the three device (e.g. mobile, computer, etc.) into AUX " " outside the

### operation in 5 seconds the mode of reception; "ﷺ" means L3 backlight is turned off in the mode of reception. After choosing according to above instructions, this product

standard USB cable. Lightly press "", the computer will automatically install the driver software. "PC" appears on LCD, 17.1: Charge: DC5V/1A-DC3A charging device is recommended which means successful connection. to charge the radio to avoid damage to lithium battery or radio. Now the computer can read, copy and delete the files on TF If the radio is not in use for a long time, please charge it every card (use as card reader).

(Note: we don't provide the audio cable)

19: Computer data transmission:

.2.3: Full automatic channel search and storage: In the node of reception, long press "" for 2 seconds to

Please note that this operation is not compatible on computers

Before listening to FM, VHF, SW, AIR and WB, pull out the anten-

he radio uses a built-in magnetic antenna to receive MW. The

VHF: 30.000-199.975MHZ

MW: 520-1710KHZ

SW:3.20-21.95MHZ

AIR:118-138MHZ

nagnetic antenna will be affected by direction when receiving

\*Note: in case of channels disorder due to strong interference

signals, so when listening to MW, you can rotate the radio to

based the min step value of each band, will stop search after

the min step value of each band increases or decreases.

The above four receiving ranges can be adjusted as required:

default value automatically.

Mini step value of MW: 9KHZ / 10KHZ

ini step value of SW: 0.005MHZ

Min step value of AIR: 0.025MHZ

with different accessories.

shorten the antenna.

21: Technical parameters:

how the low FM frequency in current mode and lightly press " or " to choose an FM receiving range. Stop operation and exit setting. The frequency chosen finally will be the or example: 87.5MHZ on LCD is the first receiving mode, After a round of search is finished, search will stop automat and 87.0MHZ on LCD is the second receiving mode.

.2: Way of channel search: Manual channel search, semi-automatic channel search, full automatic channel search and storage, pulley and shuttle channel search, and knob channel `.3.2.1: Manual channel search: lightly press "ጬ⊿" or "▽",

Mini step value of FM: 0.1MHZ, Mini step value of VHF:0.025MHZ `.3.2.2: Semi-automatic channel search: long press"ඎ" or

Receiving sensitivity

Bluetooth receiving distance ≤20 m

Min working voltage 3.4V

External input voltage DC.5v

Net weight 359 g

Product size 101.7x52x118.5mm

Max capacity of TF card 256G

imited by the chip of this product, VHF/AIR/WB only support.

automatically search and store channels from the lowest

search will stop automatically. step is limited and fine adjustment can only be realized in In the process of automatic channel search, "PRESET 01-PREcombination with TUNE+/TUNE-. SET \*\*" appears on the top right of LCD (the number means the In the mode of FM/MW/SW, channels can be searched manually address of storing a channel). In the mode of FM/SW, when searching channels manually

> using the knob, lightly press "SUB BAND" to switch betweer receiving frequency ranges. In the mode of FM, lightly press "SUB BAND" to choose fron four receiving band ranges. FM1:87-108MHZ FM2:76-108MHZ

rotate the shuttle knob on the right of radio "Shuttle!!" to Quick shuttle channel search: rotate "Shuttle|| ", the number behind the frequency flashes for 2 seconds. When the number is flashing, lightly press "\" to switch between numbers flashing. When the number is flashing, rotate "Shuttle||" to

> SW9:17.4-17.9MHZ SW11:21.4-21.9MHZ

To use this product, please abide by the following safe instructions and ensure safe and reliable use of produc ◆ Read and understand all safety guidelines and use informa-◆ When the symbol "" appears or the frame of the symbo

> ◆ If the radio is not in use for a long time, please charge it every month or take the battery out. Keep this product away from rain or damp. No liquid permitted to be dropped on or splashed on the radio Keep this product away from high temperature heat source.

Play format of TFcard Support play formats of MP3, WMA, WAV, APE and FLAC Drop, violent collision and heavy load on the radio are not

◆ DC5V/1A-DC3A charging device is recommended for use to avoid damage to lithium battery or radio. Do not heat or dry the radio at high temperature. Lithium battery 18650 2000mAh 3.7v, ♦ Do not leave this product in direct sunlight.

normal use.

flashes, the battery is low. Please charge the radio to ensure

### FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.