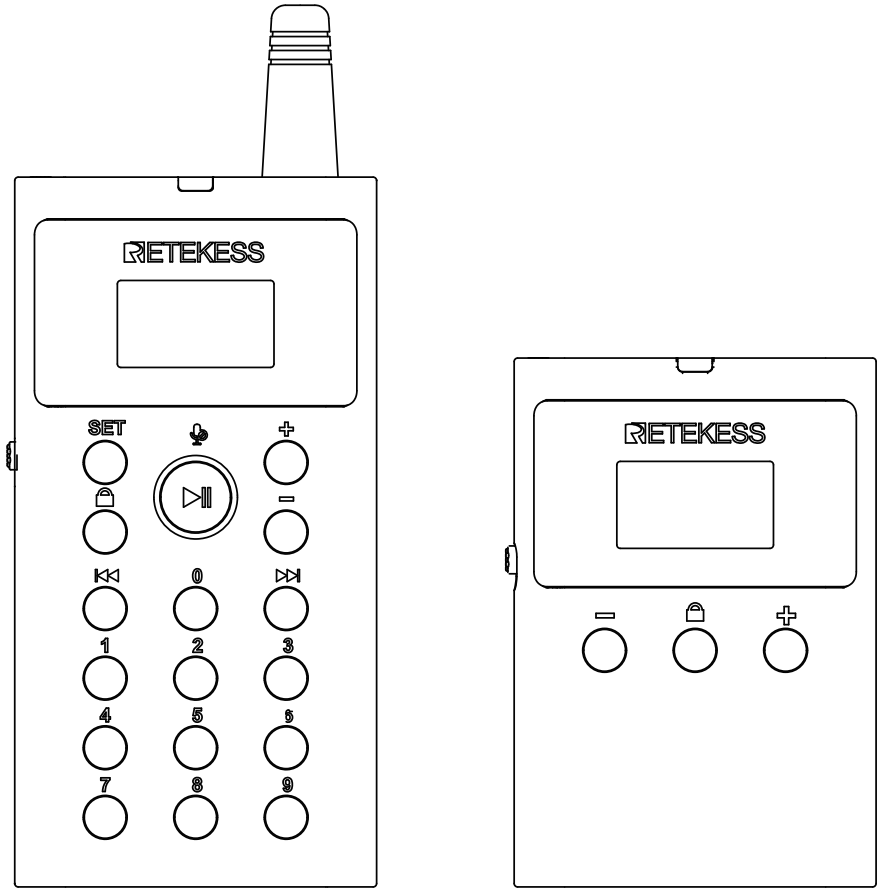
RETEKESS



TT127
Transmitter and Receiver Product Manual

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Note: The page numbers in the above languages are the corresponding page numbers in the scanned code attachment.

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Note:In order to protect the environment and save paper,please contact our service or scan the QR code to download the multi-language User Manual:including English, French,German,Italian, Spanish,Russian,etc.

Anmerkung: um die umwelt zu schützen und papier zu sparen, nehmen sie bitte kontakt zu unseren diensten auf Oder scannen sie den code # ein und downloasen sprachhandbücher in mehreren sprachen englisch, französisch, Deutsch, italienisch, spanisch, russisch usw.

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注:環境を保護し、紙を節約するために、英語、フランス語、ドイツ語、イタリア語、スペイン語、ロシア語などの多言語ユーザーマニュアルをサービス部門またはスキャンQRコードに連絡してダウンロードしてください。

1.Precautions

1.Unlocking is only required for adjusting channels and one key shutdown operations; other operations are performed in the locked state and cannot be performed in the unlocked state.

2.Language folder name and audio file copy requirements:

(1)The machine has 41 built-in language folders as shown in the figure below. Please select according to actual needs. If the language folder is accidentally deleted, please refer to the following diagram to create a new language folder. The file name must be in uppercase letters.

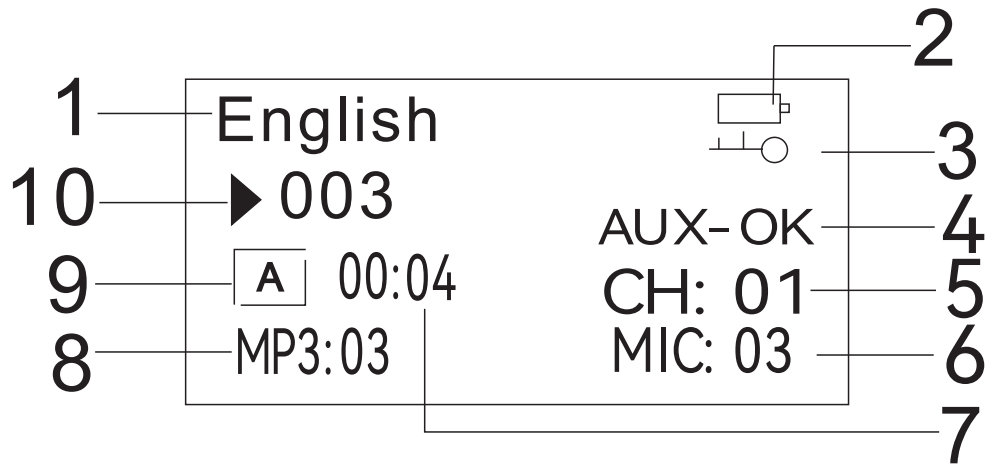


(2)The audio files and language files of the corresponding languages need to be placed one by one. If there is no audio file in the language folder, the language display part on the screen will not display the corresponding language.
(3)Audio file name requirements: The file name must start with a capital letter, followed by three Arabic numerals, such as E001, E002, C001, C002, etc., and the first letter of the file name must be consistent with the first letter of the corresponding folder. The Arabic numerals are in order.
3.If only 50 tracks are copied, when you play tracks numbered 51 and later, the screen will display the corresponding track numbers for detection. After about 3 seconds, the largest track number stored, which is 050, will be played.
4.The indicator light and display screen will turn off after about 3 seconds after the transmitter is turned off, and it can b e turned on again after all are off.
5.The transmitter cannot be used alone in dual-talk mode. Please set the transmitter usage mode correctly . The distance between the main speaker

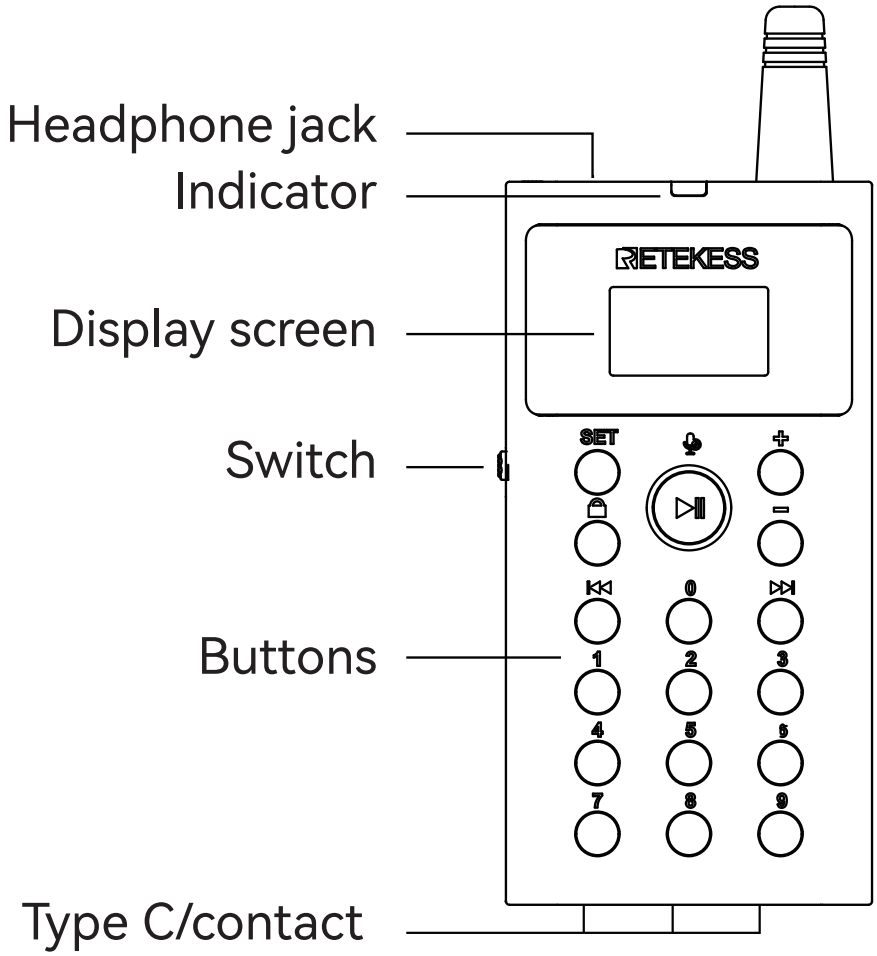
and the auxiliary speaker should be kept within 10m to ensure that the receiver can receive the auxiliary speaker's voice .
6.The receiver will automatically shut down after 20 minutes without signal.
7.Low battery reminder: when the device's battery life is less than 1 hour, the indicator light will flash red.
8.Please confirm the trial audio effect before formal use.
9.Contact charging is only available when the charging box accessory is selected fo charging.

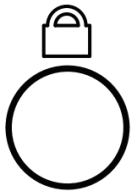
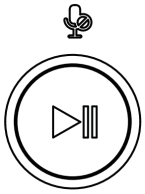
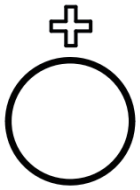
2.Interface button display instructions

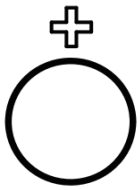
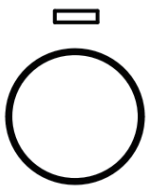
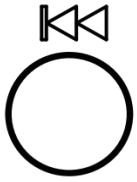
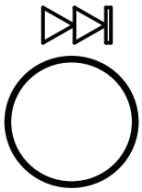
2.1 Transmitter



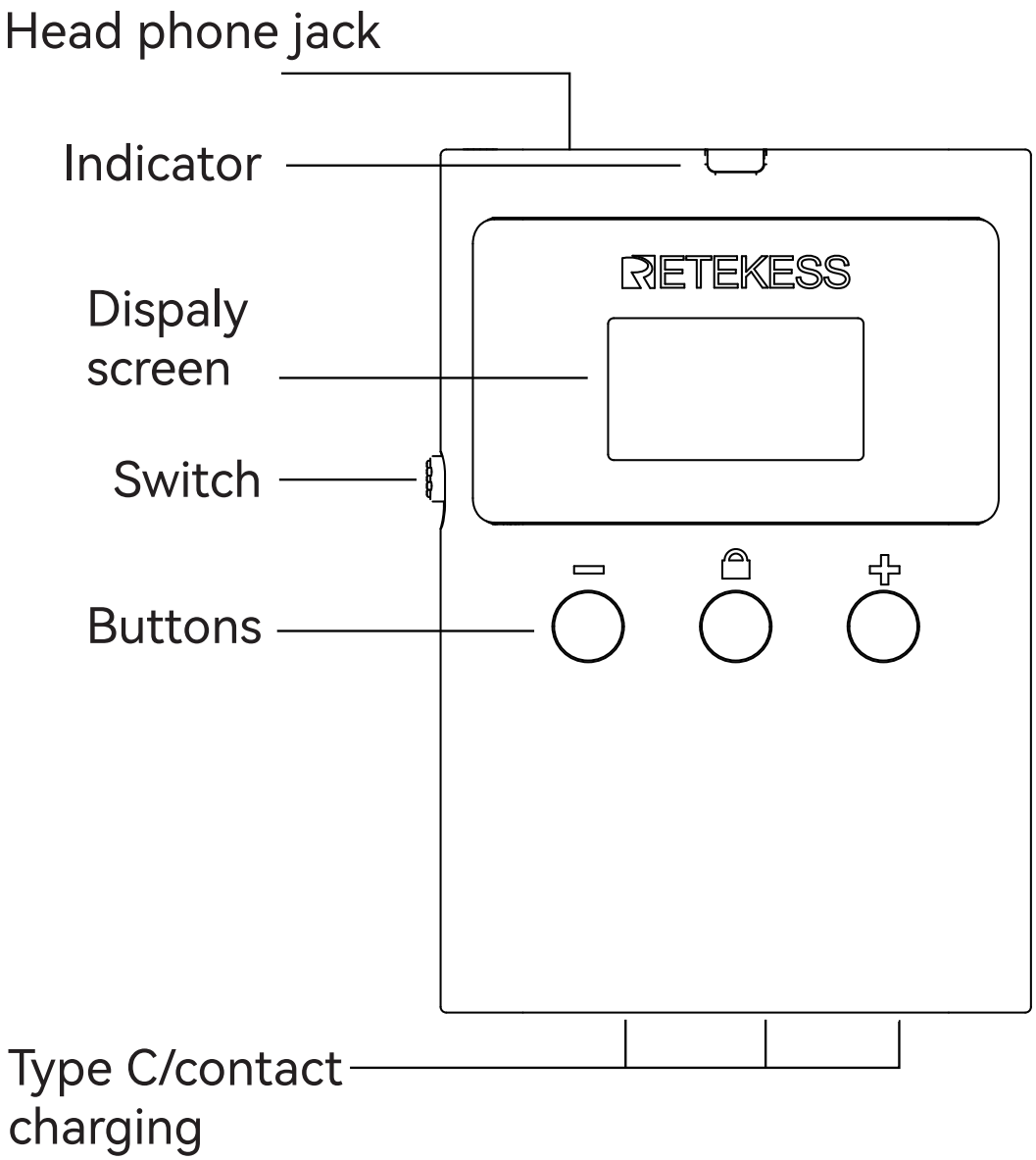
1-Language
2-Battery power
3-Lock screen symbol
4-Received signal indication
5-Current channel
6-Microphone volume
7-Duration of the current track
8-MP3 volume
9-Play mode
10-Current play track



	Setting Key	In the lock screen state, short press to switch the playback mode, and long press for about 2 seconds to switch the language;
	Lock screen/unlock button	ILong press for about 3 seconds to switch between lock and unlock state
	Play/Pause button Mute on/off key	In the lock screen state, short press to switch between pausing and playing the track, long press for about 2 seconds to turn on and off the microphone mute
	Channel/ volume up key	In unlocked state, short press to add channel

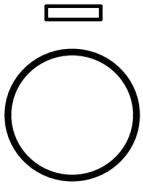
	Channel/ volume up key	In the lock screen state, short press to increase the microphone volumethe language;
	Channel/ Volume Down Button	In unlocked state, short press to reduce the channel In the lock screen state, short press to reduce the microphone volume.
	Previous song key	In lock screen mode, short press to switch to the previous song
	Next song key	In lock screen mode, short press to switch to the next song
Number key	On-demand digital buttons	Short press to play digital tracks on demand

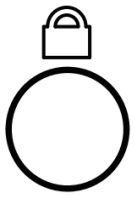
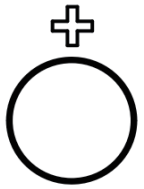
2.2 Receiver


Head phone jack
Indicator
Dispaly screen
Switch
Buttons
RETEKESS
Type C/contact charging



1-current channel
2-signal
3-lock screen symbol
4-battery power
5-current volume

	Volume/ Channel Down Button	In lock screen state, realize volume reduction In unlocked state, channel reduction is realized

	Lock Screen/ unlock button	Long press for about 3 seconds to switch between lock screen and unlock
	Volume/ Channel plus key	In lock screen state, increase the volume In unlocked state, add channel

3.Functional Operation Instructions

3.1 Unlock Settings

When the device is powered on and the screen is locked, press and hold for  about 3 seconds to unlock the screen. The display  disappears, indicating that the unlocking is successful. If there is no operation for about 30 seconds after unlocking , the screen will automatically lock. You can also press and hold for  about 3 seconds to manually lock the screen. The display shows  .

3.2 Channel Adjustment/One-key Binding

When the transmitter is unlocked, press  or  about 3 seconds to unlock the screen.

After tuning the channel, the screen will display CHANGE CHS, and the automatic channel following will be turned on. The indicator light will turn blue. At this time, the receiver within a range of about 6 meters will automatically bind to the same frequency as the transmitter. When the binding is completed, the indicator light will turn green. Receivers beyond the automatic binding distance need to bind to the transmitter by themselves.

3.3 One-click receiver off

When the transmitter is unlocked, press  and hold 

for about 3 seconds to turn on the one-key shutdown mode. The screen displays Off All Rx and the indicator light turns blue. When all receivers are turned off , you need to manually turn off the transmitter to exit the one-key shutdown mode.

3.4 Single/Dual Talk Mode Switching

There are three explanation modes: MHC for main speaker mode,SCH for assistant speaker mode and CH for independent explanation mode. When setting, press and

CH for independent explanation mode. When setting, press and hold 

and then turn on the machine to switch the explanation mode. Repeat this operation to set the explanation mode you need. It is recommended to switch to CH mode for independent explanation. In this mode, power consumption is low and the use time can be extended. In dual-speaker mode, the assistant speaker must be used at the same time as the main speaker. When the assistant speaker is unlocked, press  or  switch to the same channel as the main speaker.. If the frequency is successfully linked, the main speaker display will display AUX-OK. If the frequency is not successfully linked, the main speaker display AUX-OK will keep flashing.

3.5 MIC volume adjustment

When the transmitter is in lock screen mode, press  the audio to pause , then press  or  to adjust the microphone input volume.

3.6 One-key mute

When the transmitter is in lock screen mode, press and hold for  about 2 seconds to mute the microphone, the screen will display MUTE and the signal light will flash green.

3.7 Language SettingsI

Long press for SET about 2 seconds to switch the language. There are 41 built-in language folders.

3.8 MP3 related settings

(1) Playback mode settings

3 modes for MP3 playback : manual on-demand mode (factory default mode) for no icon, A full song loop playback mode, and 1 single song loop playback mode. SET You can set the desired playback mode by short pressing. After setting, the setting will not be retained and the device will be restored to factory state when it is turned on again. Track 000 is the factory trial audio of the product. It will automatically play when it is turned on. Please confirm the trial effect and then enter the on-demand track according to your needs. When it is officially used, the factory trial audio track 000 can be deleted. The official explanation track will not be played automatically. The serial number must be incremented from 001.

(2) MP3 playback settings

When the transmitter is in lock screen mode, short press  to play normally, short press again to pause. Press  or  to switch tracks, and the display will also display the number of the currently playing track.

(3) MP3 track input settings

In the playback pause state, enter the desired track number with the numeric key, the screen will display the corresponding track number, enter 3 digits to automatically play the track, enter 1-2 digits and press the Play/Pause button to confirm the play. If you do not press the Play/Pause button to confirm, the screen will only display the entered track number and the track cannot be played.

(4) When the transmitter is in lock screen mode and in playback mode, press  or  to adjust the volume. There are 1 to 5 levels for users to choose according to their needs.

(5) MP3 track copy/delete

Use the accessory USB cable to connect the machine and the computer, and select the language folder you need from the built-in 41 language folders to copy and delete audio

files. After the operation is completed, please restart the machine .

3.9 Receiver automatic frequency search

Within a range of about 6m, press and hold the receiver  and then turn it on. The receiver display will automatically search for channels until it matches the transmitter's channel, and the indicator light will turn green.

4.Specifications

4.1 Transmitter

Size	52mm*102mm *14.5mm	Weight	65g
Headphone plug	3.5mm	Antenna	External fixed antenna
Charging Method	5Type C/contact charging	Battery Capacity	1500mAh
Built-in storage	16G	Language	Built-in 41
Charging voltage	DC 5V	Charging time	About 4h

Working current	140mA	Battery life	About 12h
Frequency Range	European frequency 863-865MHz US frequency 902-928MHZ	Number of channels	European Channel 15 US frequency 100 channels
Channel spacing	250-500KHz	Frequency Range	20Hz-20KHz
Volume	Level 15	Operating temperature	-10℃-50℃
Distortion	<1%	Signal-to-Noise Ratio	-82db
Transmit power	European frequency 10mW max 20mW max	Transmitting distance	Max. 200m
Rated voltage	3.7V	-	-

Note: Charging time, battery life and transmission distance depend on the actual usage environment, so actual results will vary.

4.2 receiver

Size	52mm*60mm *14.5mm	Charging method	Type C/contact charging
Weight	48g	Battery Capacity	1200mAh
Headphone plug	3.5mm	Charging time	About 3h
Volume	Level 15	Battery life	About 24h
Charging voltage	DC 5V	Sensitivity	-105db

5.Product accessories

Transmitter	
Type C data cable	1pcs
microphone	1pcs
Lanyard	1pcs
Manual	1pcs
Receiver	
Type C data cable	1pcs
earphone	1pcs
Lanyard	1pcs

CAUTION

RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE

Before using this device, please read this guide which contains important operating instructions for safe usage, control information and operational instructions for compliance with RF Energy Exposure limits in applicable national and international standards.

User ' instructions should accompany the device when transferred to other users.

US FCC requirements

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 .

(2) His device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against

harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

European CE requirements

Simple EU declaration of

HENAN ESHOW ELECTRONIC COMMERCE CO., LTD declares that the radio equipment type is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU and the ROHS Directive 2011/65/EU and the WEEE Directive 2012/19/EU ; the full text of the EU declaration of conformity is available at the following internet address: www.rete kess .com .

Canadian IC Requirements

TLicence-exempt radio apparatus

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

European CE requirements

Simple EU declaration of conformity

- HENAN ESHOW ELECTRONIC COMMERCE CO., LTD declares that the radio equipment type is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU and the ROHS Directive 2011/65/EU and the WEEE Directive 2012/19/EU ; the full text of the EU declaration of conformity is available at the following internet address: www.retekess .com .

Disposal Environmental

The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you ou tha t all electrical and electronic products, batteries, or accumulators must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws and rules in your area . lug



RF Safety (Note: Applicable to TX products)

tKeeping the radio at a proper distance is important as RF exposure decreases with increasing distance from the proper antenna. A proper antenna is an antenna supplied with this radio by the manufacturer or specifically authorized by the local authority for use with this radio. This radio can only be operated by use of an antenna of a type and maximum (or lesser) gain approved for the transmitter under regulations and rules. This transmitter must operate with the antenna(s) documented and in Push-to-Talk and body-worn configurations as documented. Using a uthorized accessories is important because the use of Non-Rete kess accessories may result in exposure levels, accessories may result in exposure levels, which exceed the IEEE/ICNIRP RF exposure limits. Transmit no more than the rated duty factor 50% of the time. Transmitting necessary information or less, is important because the radio generates measurable RF energy.

information or less, is important because the radio generates measurable RF energy exposure only when transmitting in terms of measuring for standards compliance. For users who wish to further reduce their exposure, Some effective measures to reduce RF exposure include:

- Reduce the amount of time spent using your wireless device.
- Use a speakerphone, earpiece, headset, or other hands-free accessory to reduce proximity to the head (and thus head exposure). While wired earpieces may conduct some energy to the head and wireless earpieces also emit a small amount of RF energy, both wired and wireless earpieces remove the greatest source of RF energy (handheld device) from proximity to the head and thus can greatly reduce total exposure to the head.
- Increase the distance between wireless devices and your body.

License-free transmitter only

This radio is designed for and classified as “General population/uncontrolled environments ”. General population/uncontrolled environments are defined as locations where there is exposure of individuals who have no knowledge or control of RF exposure level.

Hand-held Mode

To control your exposure and ensure compliance with the controlled environment exposure limits, always adhere to the following procedure:



-To receive calls, release the PTT button.
-To transmit (talk), press the Push-to-Talk (PTT) button in front of the face.
-Hold the radio in a vertical position with the microphone (and other parts of the radio including the antenna) at least one inch (2.5 centimeters) away from the nose or lips.

Electromagnetic Interference/-Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility. During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so. such as hospitals or healthcare facilities .

For handheld transmitter only

Persons with pacemakers, implantable cardioverter defibrillators (ICDs) or other active implantable medical devices should:

- Consult with their physicians regarding the potential risk of interference from radio frequency transmitters, such as portable radios (poorly shielded medical devices may be more susceptible to interference).
- Turn the radio OFF immediately if there is any reason to suspect that interference is taking place.

- Do not carry the radio in a chest pocket or near the implantation site, and carry or use the radio on the opposite side of the body from the implantable device to minimize the potential for interference.

Hearing Aids: Some digital wireless radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices: If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Protect your hearing

Note: Accessories that can make sounds, such as pagers and headphones, require safety warnings to protect hearing.

- Use the lowest volume necessary to do your job. Turn up the volume only if you are in noisy surroundings.

● Limit the amount of time you use headsets or earpieces at high volume.



● When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.
● Use carefully with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss .
CAUTION : Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio's volume, the less time is required before your hearing could be affected. Hearing damage from loud noise is sometimes undetectable at first and can have a cumulative effect.

Batteries Safety Warnings for safe use of batteries

Note: Similar or identical meanings are acceptable

- WARNING: KEEP NEW OR OLD USED BATTERIES OUT OF REACH OF CHILDREN. Keep batteries out of reach of children.
- ın the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice immediately.
- If a radio or a battery has been submerged in water, please dry and clean it before use. Do not dry the radio or battery with an appliance or heat source, such as a hair dryer or microwave oven. If the radio has been submersed in a corrosive substance (eg saltwater), rinse the radio and battery in fresh water, then dry them.

Recommended charging guidelines for secondary batteries (rechargeable batteries)

- Turn off your radio before charging.
- Batteries shall be charged at 10℃~40℃ environment temperature specified. If the

environment temperature is lower than 0℃, the charge shall be prohibited.

- Rechargeable batteries need to be charged with a dedicated charger provided for each piece of equipment before you first use them.
- Rechargeable batteries are only to be charged by adults or by children at least 8 years old under adult supervision.

Children's Products

WARNING: CHOKING HAZARD-Small Parts. Not suitable for children under 3 years old.



Equipped with type C charging port

The power delivered by the charger must be between min [2.5] Watts and max [10] Watts required by the radio equipment in order to achieve the maximum charging speed.

Authorized Accessories List

- Contact Retekess for assistance regarding repairs and service.
- For a list of Retekess-approved accessories for your radio model, visit the website http://www.retekess.com

Guarantee

Model Number: _____
Serial Number: _____
Purchasing Date: _____
Dealer: _____ Telephone: _____
User's Name: _____ Telephone: _____
Country: _____ Address: _____
Post Code: _____ Email: _____

Remarks:
1.This guarantee card should be kept by the user, no replacement if lost.
2.Most new products carry a two-year manufacturer's warranty from the date of purchase.
3.The user can get warranty and after-sales service as below:
●Contact the seller where you buy.
●Products Repaired by Our Local Repair Center
4.For warranty service, you will need to provide a receipt proof of purchase from the actual seller for verification
Exclusions from Warranty Coverage:
1.To any product damaged by accident.
2.In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs.
3.If the serial number has been altered, defaced, or removed.









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Web: www.retekess.com

Made in China