Manuals+ — User Manuals Simplified.

Shenzhen Aifu Network Technology T-888 Walkie Talkie Radio Instruction Manual

Contents

Shenzhen Aifu Network Technology T-888 Walkie Talkie Radio

CAUTION

Read this operating instruction carefully before using your 888 two-way radio, including the part on Product Safety and RF Energy Exposure Compliance
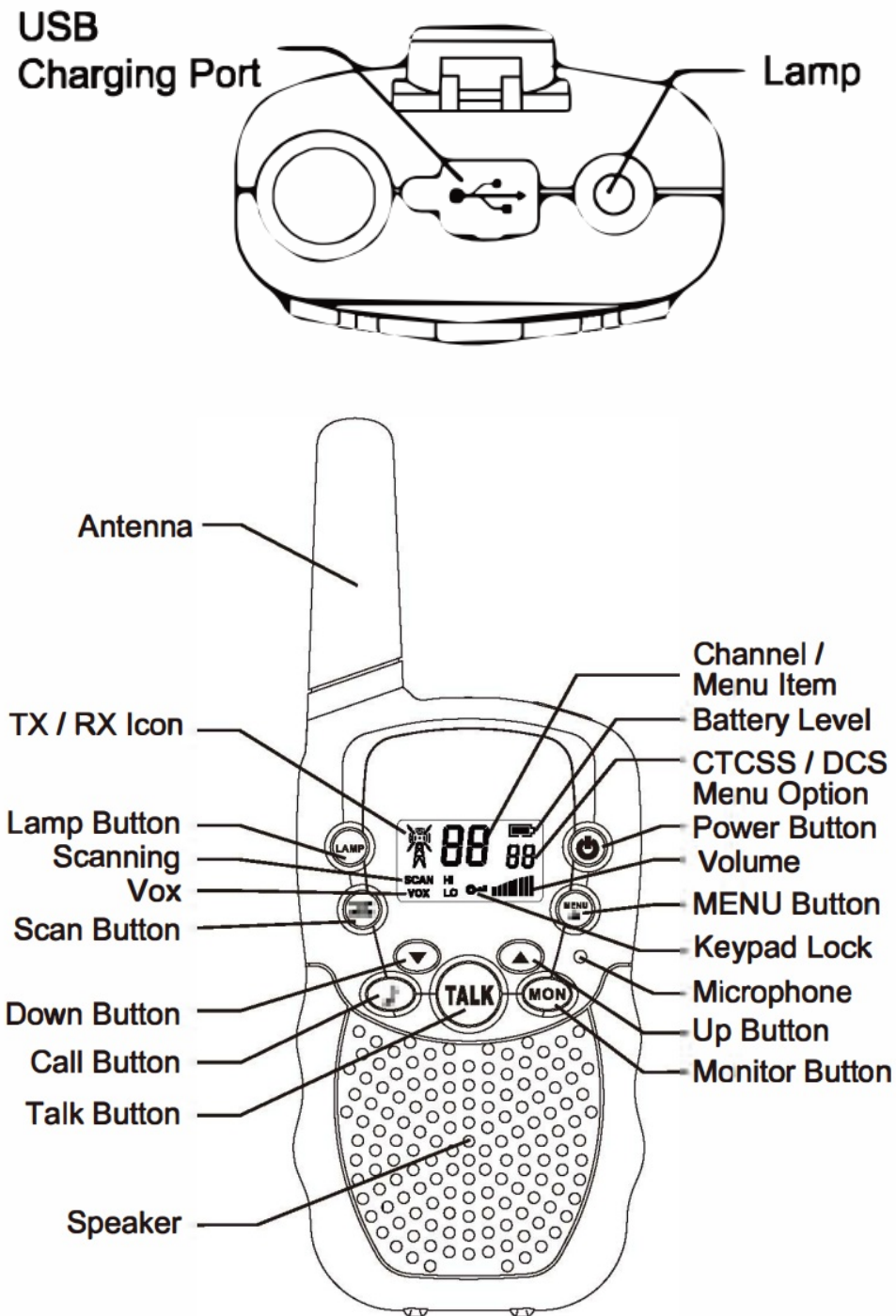
Product Inspection

Before in al use, please check if the product inside the box is in good condition or not. If there are any signs of damage or missing parts, please feel free to contact the carrier or seller.

Item Included; QuaLITY PCS

- Walkie Talkie;2
- USB Cable;1
- User Guide;1

Radio Parts and Controls

USB Charging Port

Lamp

Antenna

TX / RX Icon

Lamp Button
Scanning
Vox
Scan Button

Down Button
Call Button
Talk Button

Speaker

Channel / Menu Item
Battery Level
CTCSS / DCS Menu Option
Power Button
Volume
MENU Button
Keypad Lock
Microphone
Up Button
Monitor Button

Product Features

1. The rechargeable battery is included in each unit;
2. A USB cable is included in the package.

Note: Please don't remove the rechargeable battery, and we recommend you always use a high-quality AC charger for charging.

Belt Clip

Kids can clip the units to their pockets or elsewhere while they are on the go. By pressing a button, you can inform other radio users in your group that you want to talk or have finished talking. When buttons are pressed, a tone would be transmitted.

LCD Display

Various information is accessible at one glance, including channel number, CTCSS code, volume level, and other status of the radio.

On/Off Power Button

Press and hold this button to turn on/off the radio.

Lamp Button

By pressing "The LAMP button to turn on/off the flashlight. Convenient for those who use the Walkie Talkie at night

Scan Button

Press button z to detect channels with activities or stop scanning.

MENU/ Button

Switch on/off the functions you want to start or stop. You can also lock the channel by this button.

Monitor Button

The monitoring key is a signal monitoring key. If you press and hold this key, you can receive weak signals of the channel you are in and other sub-audio signals of the channel.

Talk Button

Press and hold this button to talk and let go to listen. Up and Down Key To select channels, set CTCSS code, adjust volume level, listening volume and other functions.

Charging Port with Silicone

Dust Cover You can charge the walkie-talkie with using the AC charging head, power bank, computer, etc.

Product Features

TECHNICAL PARAMETERS	
Product number	T-888
Frequency range	FRS
Channel number	22
Channel spacing	12.5KHz
Working voltage	3.7V
Frequency stability	±2.5ppm
Operating temperature range	-20℃~50℃
The antenna impedance	50Ω
Overall dimensions	140*55*28mm
Weight	79g

TRANSMITER	
Rf power	0.5W
Modulation method	11kΦF3E
Noise and harmonic	<-40dB
Residual Radiation	≤-35dB
Modulation distortion	≤7%
Maximum deviation	2.5Khz

RECEIVER	
The sensitivity	≤0.2uV
Modulation receiver bandwidth	±5KHz
Adjacent selective	≥40dB
Intermodulation interference resistance	≥35dB
Spurious response inhibition	≥70dB
Audio output power	≥300mW
Audio distortion	≤8%

Installation

How to assemble and remove the belt clip

Slide the clip into the slot on the back of the radio until it is snapped into place.
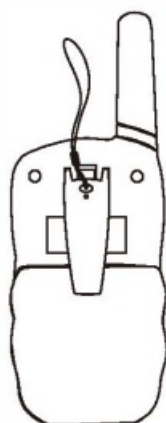
To remove

Gently pull the lock tab, and then push up the belt clip to remove it from the radio, see PIC1.

How to attach the strap(Not Included in Orders) to the belt clip

if you need to thread the strap, through the hole on the belt clip; thread the other end of the strap through the string, then pull it to secure (See Pic 2).
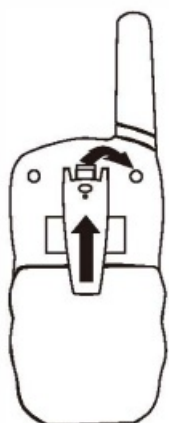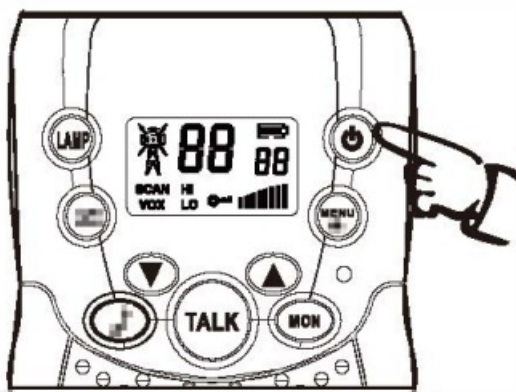

Pic 1   Pic 2

Operation

1. **Turning on the radio** Press and hold the button for three seconds. A short audible beep and a display on the LCD screen show that the radio is on.


2. **Turning off the radio** Press and hold until an audible beep is heard and the screen is switched off.
3. **Adjusting volume level** Use the up/down key to increase or decrease the volume. And you can always find the volume level indicator in the lower right corner of the screen.
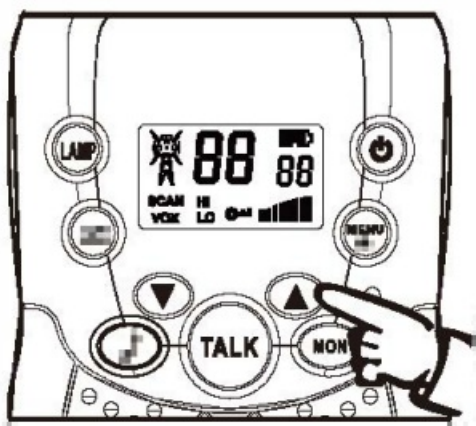
4. **Receiving** The radio is ready to receive signals when it is tuned to the channel that has the same frequency and CTCSS code as the one that is transmitting. Please do not press the "TALK" button while receving the signal.When signals have been received on the current channel,RX icon will appear in the top left corner of the screen.
5. **Transmitting** Press and hold "TALK" button to talk to another person. Release the button for a response. TX

Icon will appear on the top left corner of the screen when radio is transmitting.
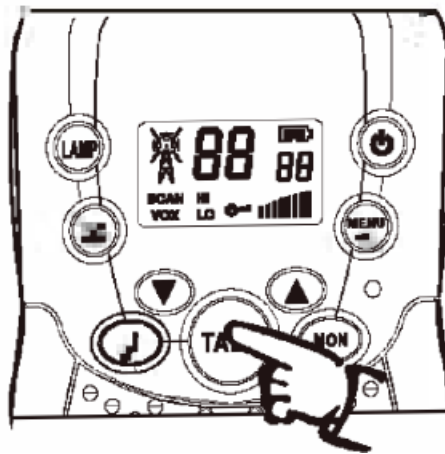
To get maximum clarity, please speak directly to the microphone and hold the mic 2 inches from your mouth.

Note: T-888 can only work together when the units are tuned to the same channel and have the same CTCSS code on that channel

6. **Channel Lock** Press and hold MENU button until icon appears on the screen, which indicates that the radio is locked to the current channel,namely, you cannot switch to another channel under this status. To unlock the channel lock function, press |MENU button again for about 2 seconds until the icon disappears on the screen
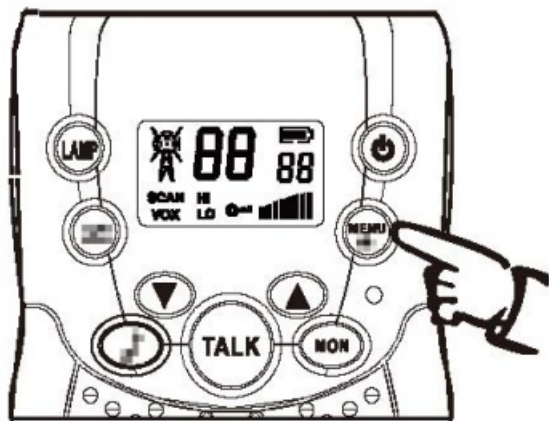
7. Flashlight Press the "LAMP" button to turn thee flashlight on. Repeat the process to turn off the- flashlight.
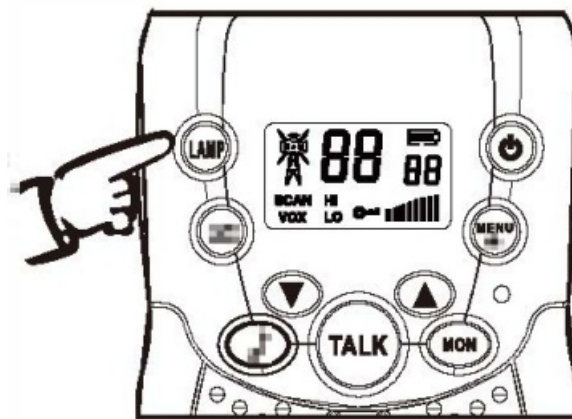
8. **Select Channel** These units have 8 Channels available for US and Canada market. To select the channel, press the MENU button and the screen start to blink Using up/down key to select the channel you want to communicate on; Press the "TALK" button to confirm the select channel. Or press "MENU" button to enter the CTSS code setting

9. **Set CTCSS Code** Within a channel, you can partly avoid interference from other radios 9 by setting CTCSS

code (01-38) while code 00 refers to no privacy code is selected. To select any among the 38, you need press MENU button twice, then the GTCSS code on the sereen will blink; Using up/down key to select the code Press TALK" button to confirm selected code and complete setting. Note: T-888 can only work together when the units are tuned to the same channel and have the same CTCSS code on that channel.
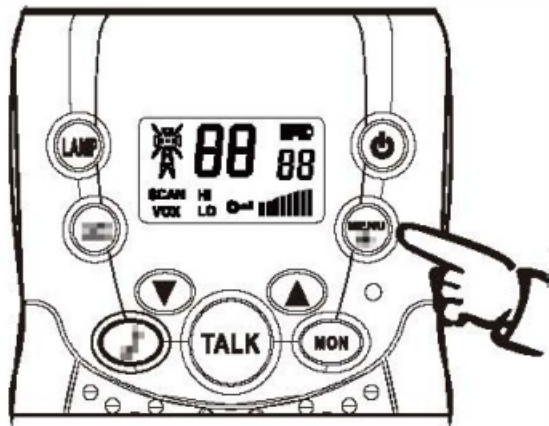
10. **VOX for Hands-free** When VOX is activated, there is no need to press TALK button to talk. Tap MENU button three times, then VOX and VOX sensitivity level (OF,01,02,03) will be displayed on the screen. You can adjust VOX sensitivity level by pressing up/ down key. Note: OF means VOX function is inactivated; 03 is the highest sensitivity setting and 01 the lowest. Therefore, level 03 is recommended when the radio is used in quiet surroundings and 01 for noisy environments.
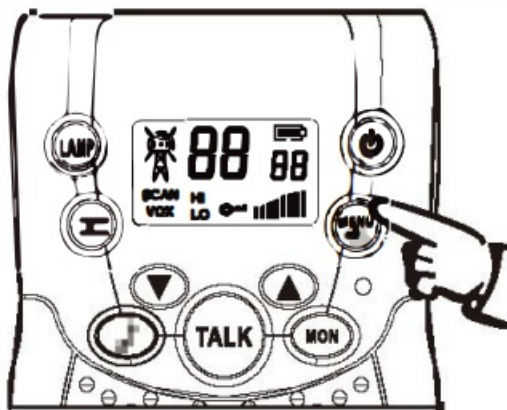
11. **Select Call Tone** To inform other radio users in your group that you want to talk or you have finished talking by transmitting a tone to their radios. Press MENU button four times, then "CA" and call tone number (01, 02, 03, 04, 05, 06, 07, 08, 09, 10) will blink on the screen; Using up/down key to select the tone you prefer, Press TALK button to confirm the desired tone and go back to normal mode. 88
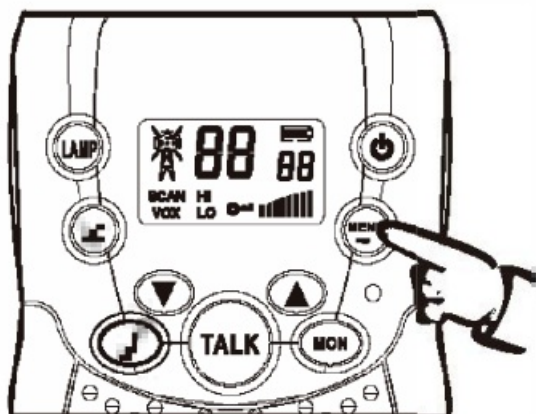
As to how to send the please go and check

Channel Scan

Convenient to detect activities. When button z is ta will automatically scan with activities. The sca stop when channels w radio will play what it c To continue the scan, just

Note: When a channel witt can join the conversE scan by pressing TAI Call Another Party Press button to transmit other radios in your group can be prepared when you or you have finished talking to select call tone on Page
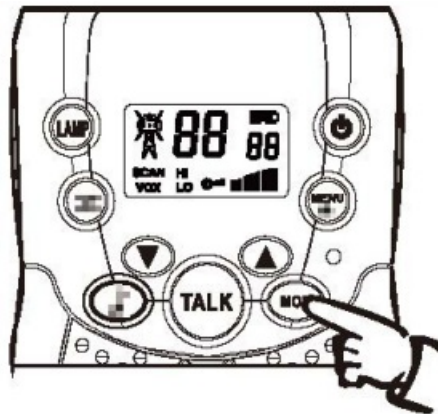
Note Another party ce the following rec time.

1. The receiving unit is the same CTCSS co tone:
2. The receiving unit is within the communication range.

Monitor

To receive weak signals from other radios in your group, all you need to do is press the MON button.

Battery Level Indicator

Displayed in the lower right corner of the screen, convenient to know how much battery power is remained. When the indicator on the screen blinks, it means that the batteries need to be charged.

Battery Charging

To protect the life of the rechargeable battery, we recommend you always use a high-quality AC charger for charging. Plug the cable into the jack (on the top of the device) to charge the batteries. Do not use the device in an environment that may cause fire or explosion, e.g.Gas Station, exposed electrical installations area and humidity environment. Wipe out the dust or dirt with a dry wipe or tissue. Please note that any chemicals cleaning product may cause damage to the product. Do not clean the products using water as they are not waterproof. When the radio is dropped into the water, turn it off immediately. Dry the outside of the radio with a clean and soft cloth. Remove batteries and dry them, too. Put the unit in a cool dry place to dry out all moisture. In case any other problem or malfunction occurs during your use, please don't disassemble the radio's circuit or hardware by yourself. You are welcome to send the unit back to the seller or contact our customer service for help.

Troubleshooting

1. Couldn't turn the units on, please check if the batteries level are full; If not, please charge the batteries first.
2. When reception or transmission is poor,
    1. Increasing volume level; Pressing Mon button to receive weak signals

FRS		
Serial number	Frequency	Power
CH1	462.5625	0.5W
CH2	462.5875	0.5W
CH3	462.6125	0.5W
CH4	462.6375	0.5W
CH5	462.6625	0.5W
CH6	462.6875	0.5W
CH7	462.7125	0.5W
CH8	467.5625	0.5W
CH9	467.5875	0.5W
CH10	467.6125	0.5W
CH11	467.6375	0.5W
CH12	467.6625	0.5W
CH13	467.6875	0.5W
CH14	467.7125	0.5W
CH15	462.5500	0.5W
CH16	462.5750	0.5W
CH17	462.6000	0.5W
CH18	462.6250	0.5W
CH19	462.6500	0.5W
CH20	462.6750	0.5W
CH21	462.7000	0.5W
CH22	462.7250	0.5W

RF ENERGY EXPOsURE AND PRODUCT SAFETY GUIDE FOR PORTABLE TWO-WAY RADIOS

Before using this radio, read this guide which contains important operating instructions for safe usage and RF energy awareness This fwo-way radio frequency between energy, which biological dar All two-way turned, and established RF ers also recoil users of two- important beca exposure and r control it.

Local Government Regulations

When two-way radios are used as a consequence of employment, the Local Government Regulations require users to be fully aware of and able to control their exposure to meet occupational requirements. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness information. Your two-way radio has an RF Exposure Product Label. Also, your user manual, or separate safety booklet includes information and operating instructions required to control your RF exposure and to satisfy compliance requirements.

Radio License

Governments keep the radios in classification, business two-way radios operate on radio frequencies that are regulated by the local radio management departments (FCC, ISED, OFCOM, ANFR, BFTK, Bundesnetzagentur.).To transmit on these frequencies, you are required to have a license issued by them. For the detailed classification and the use of your two radios, please contact the local government radio management departments. Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Unauthorized modification and adjustment

Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority granted by the local government radio management departments to operate this radio and should not be made. To comply with the corresponding requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management department equipment authorization for this radio could violate the rules.

FCC Caution$

Any changes or modifications not expressly approved by the party responsible for compliance could void the user s authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference. (Licensed radios are applicable); This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (Other devices are applicable)

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

NOTE

1. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
2. (If applicable)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 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.

The device is authorized to operate at a duty factor not to exceed 50%. CE Requirements: Simple EU declaration of conformity) Shenzhen Technology 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;

Restriction Information

This product can be used in EU countries and regions, including Belgium (BE), Bulgaria (BG), Czech Republic (Cz), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (T), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (S), Slovakia (SK), Finland (FI), Sweden (SE) and United Kingdom (UK). For the warming information of the frequency restriction, please refer to the package or manual section. Disposal The crossed-out wheeled bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection loc ations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area

IC Requirements

License-exempt radio apparatus This device contains license-exempt transmitter(s/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-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 th device.

RF Exposure Information(if applicable)

- DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is an antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio, and the antenna gain shall not exceed the specified gain by the manufacturer declared.
- DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.
- 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.
- DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites. Portable
- Device, this transmitter may operate with the antenna(s) documented in this filing in Push-to-Talk and body-worn configurations.
- RF exposure d compliance is limited to the specific belt-clip and accessory configurations as documented in this filing and the separation distance between the user and the device or its antenna shall be at least 2.5 cm.
- Mobile Device, during operation, the separation distance between user and the antenna subjects to actual regulations, this separation distance will ensure that there is sufficient distance from a properly installed externally-mounted antenna to satisfy the RF exposure requirements.
- Occupational/Controlled Radio, this radio is designed for and classified as "Occupational/Controlled Use Only"', meaning it must be used only during the course of employment by individuals aware of the hazards, and the

ways to minimize such hazards; NOT intended for use in a General population/uncontrolled General population/uncontrolled Radio, this radio is designed for and classified as "General population/un- controlled Use".

RF Exposure Compliance and Control Guidelines and Operating Instructions

To control your exposure and ensure compliance with the occupational/controlled environment exposure limits, always adhere to the following procedures.

Guidelines

1. User awareness instructions should accompany the device when transferred to other users.
2. Do not use this device if the operational requirements described herein are not met.
3. Operating Instructions (if applicable): Transmit no more than the rated duty factor of 50% of the time. To Transmit (Talk), push the Push to Talk (PTT) button.
4. To receive calls (listen), release the PTT button.
5. Transmitting 50% of the time, or less, is important because the radio generates measurable RF energy exposure only when transmitting in terms of measuring for standards compliance.
6. Transmit only when people outside the vehicle are at least the recommended minimum lateral distance away from properly installed according to installation instructions, externally mounted antenna.
7. When operating in front of the face, worn on the body, always place the radio in an approved clip, holder, holster, case, or body harness for this product.
8. Using approved body-worn accessories is important because the use of Non-approved accessories may result in exposure levels, which exceed the IEEE/ICNIRP RF exposure limits.

Hand-held Mode(if applicable)

Hold the radio in a vertical position with the microphone (and other parts of the radio including the antenna) at least 2.5 cm (one inch) away from the nose or lips. The antenna should be kept away from the eyes. Keeping the radio ata proper distance is important as RF exposure decreases with increasing distance from the antenna.

Phone Mode(If applicable)

When placing or receiving a phone call, hold your radio product as you would a wireless telephone. Speak directly into the microphone

Electromagnetic Interference/Compatibility

NOTE

Nearly every electronic device is susceptible to electromagnetic interference(EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Avoid Choking Hazard

Small Parts. Not for children under 3 years.

Turn off your radio power in the following conditions

1. Turn off your radio before charging the battery.
2. Turn off your radio when you are in a potentially hazardous environment: Near WARNING electrical blasting caps, in a blasting area, in explosive atmospheres (inflammable gas, dust particles, metallic powders, grain powders, etc.).
3. Turn off your radio while taking on fuel or while parked at gasoline service stations. To avoid electromagnetic interference and/or compatibility conflicts
4. Turn off your radio in any facility where posted notices instruct you to do so, hospitals or health care facilities (Pacemakers, Hearing Aids, and Other Medical Devices) may be using equipment that is sensitive to external

RF energy

Turn off your radio when onboard an aircraft. Any use of a radio must be in accordance with applicable regulations per airline crew instructions.

Protect your hearing

Use the lowest volume necessary to do your -Turn up the volume only if you are in noisy WARNING surroundings. Turn down the volume before adding a headset or earpiece. 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

Note: Exposure to loud noises from any sour ce 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 . als first and can have a cumulative effect.

Avoid Burns

Antennas /!

Do not use any portable radio that has a damaged antenna. If a damaged antenna WARNING Comes into contact with the skin when the radio is in use, a minor burn can result.

Batteries (f appropriate)

- When the conductive material such as jewelry, keys or chains touches exposed terminals of the batteries, may complete an electrical circuit (short circuit the battery) and become hot to cause bodily injury such as burns.
- Exercise care in handling any battery, particularly when placing it inside a pocket purse or other container with metal objects

Long transmission

When the transceiver is used for long transmissions, the radiator and chassis will become hot.

Safety Operation

- Do not use charger outdoors or in moist environments, use only in dry locations/conditions.

WARNING

- Do not disassemble the charger, that may result in risk of electrical shock or fire.
- Do not operate the charger if it has been broken or damaged in any way.
- Do not place a portable radio in the area over an air bag or in the air bag deployment area.
- The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the airbag inflates
- **To reduce risk**
- Pull by the plug rather than the cord when disconnecting the charger.
- Unplug the charger from the AC outlet before attempting any maintenance or cleaning.
- Contact for assistance regarding repairs and service.
- The adapter shall be installed near the equipment and shall be easily accessible Approved Accessories
- This radio meets the RF exposure guidelines
- when used with the accessories supplied or designated for the product.
- Use of WARNING Other accessories may not ensure compliance with the RF exposure guidelines and may violate regulations.

Documents / Resources
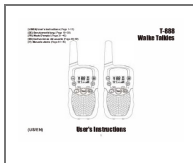
Shenzhen Aifu Network Technology T-888 Walkie Talkie Radio [pdf] Instruction Manual
T888, 2A57S-T888, 2A57ST888, T-888 Walkie Talkie Radio, T-888, Walkie Talkie Radio

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