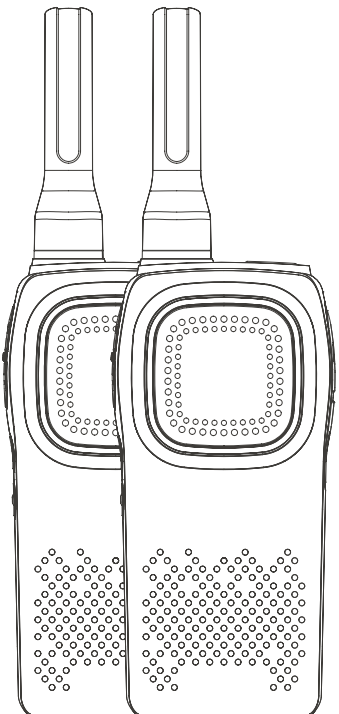
Analog Radio



User's Manual

Rev.1

FCC Warning

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 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.

Note: 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.

Safety Information for Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications

Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices.

Important

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the transmitter and may violate FCC regulations.

Normal Position

Hold the transmitter approximately 25 mm from your face and speak in a normal voice, with the antenna pointed up and away.

ISEDC Warning

This product meets the applicable Industry Canada technical specifications. / Le présent matériel est conforme aux specifications techniques applicables d'Industrie Canada.This device complies with ISEDC license-exempt RSS standard (s). Operation is subject to the following two conditions:(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISEDC applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

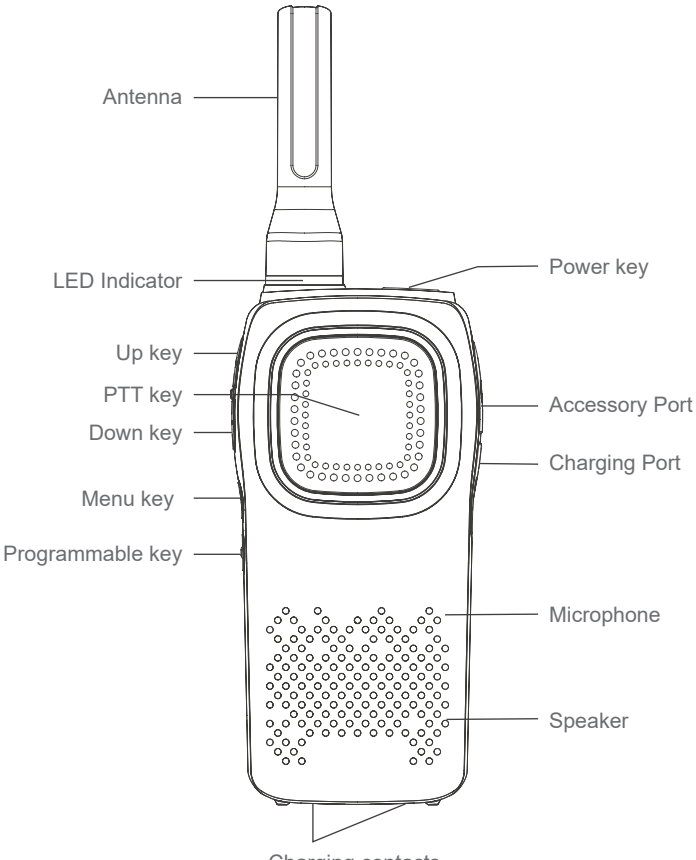
ISEDC Radiation Exposure Statement

For face up operation, this model device has been tested and meets the ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions the handset a minimum of 25mm from the face.
For body worn operation, this model device has been tested and meets the ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal.
Pour une utilisation face vers le haut, ce modèle d'appareil a été testé et répond aux directives d'exposition RF ISED lorsqu'il est utilisé avec unaccessoire désigné pour ce produit ou lorsqu'il est utilisé avec unaccessoire qui ne contient pas de métal et qui positionne le combiné à au moins 25 mm du visage.
Pour une utilisation sur le corps, ce modèle d'appareil a été testé et répond aux directives d'exposition RF de la ISED lorsqu'il est utilisé avec unaccessoire désigné pour ce produit ou lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal.

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%.
Votre émetteur-récepteur portable sans fil contient un émetteur de faible puissance. Lorsque le bouton de conversation est enfoncé, il envoie des signaux de radiofréquence (RF). L'appareil est autorisé à fonctionner avec un facteur d'utilisation ne dépassant pas 50%.

Any Changes or modi-cations not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Tout changement ou modi-cation non expressément approuvé par la partie responsable de la conformité l'équipement.

Product Control

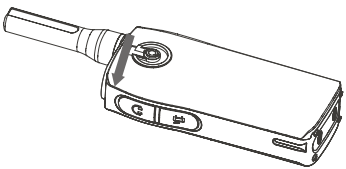


Radio LED Indicators

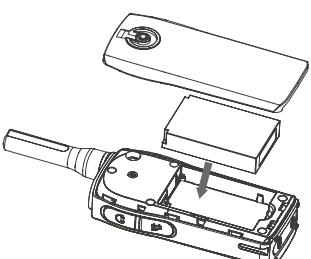
Radio Status	LED Indication
Standby	Blinking Green
Low Battery	Blinking Red
Transmit (TX)	Solid Red
Receive (RX)	Solid Green
Programming Mode (Read from Radio)	Fast Blinking Red
Programming Mode (Write to Radio)	Fast Blinking Red

Battery Installation

1. Use finger tip to pull the latch as shown in picture below to remove battery cover.

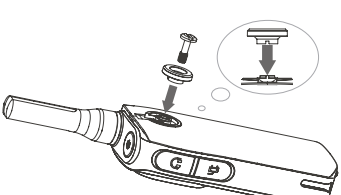


2. Put the battery pack into the battery compartment, close the battery cover with snap fit all latches. Ensure the battery cover is fully fix to radio.



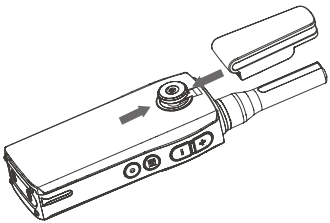
Note: To remove the battery pack, please turn off the radio first.

3. Install the belt clip holder using a coin or screwdriver as shown in the picture.



Belt Clip Installation

1. Align the guide groove of the belt clip to the belt clip holder on the battery cover and install it appropriately.



Note: The belt clip can be installed from any direction, clip on the belt, and the radio can rotate 180 degrees.

2.Take out the belt clip to the following angle with belt clip bottom face up, and remove it toward the top.

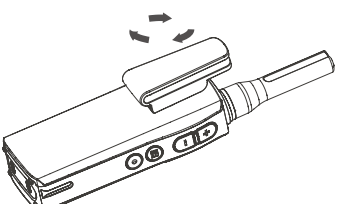


Figure 1

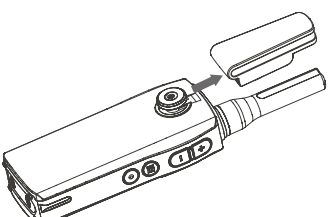
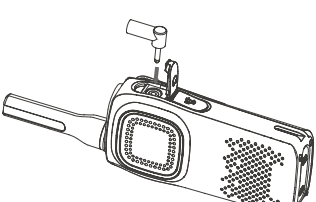


Figure 2

Accessory Installation



Step 1: Open the accessory connector cover.

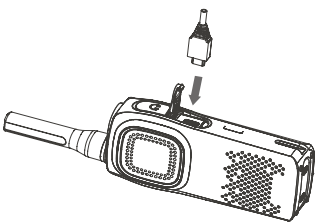
Step 2: Align the plug of the accessory (matching headset or programming cable) with the accessory connector.

Step 3: Insert the accessory properly into the accessory connector.

Charging Function

1. This device can support charging with charger tray or direct USB charging. During charing, radio LED indicator lit red. When complete charging, LED indicator will turn green.

Charging Tray



USB Charging

Charging precautions:

- Please use the designated charging base of the model for charging.
- When charging the device, it is recommended to turn off the radio first.
- To obtain the best battery performance, please charge for at least 5 hours for the first time.
- Do not charge the battery pack for a long time, otherwise it will shorten the battery pack life. When the battery is fully charged, please stop charging in time.
- The charger can only be used to charge the battery pack of the product. Do not use it to charge other battery packs, otherwise the charger and battery pack may be damaged.
- The battery pack should be stored in a cool and dry place after being fully charged. Do not expose the battery pack near the fire or to the sun, otherwise there are safety risks.

- During charging, it is not recommended to transmit the radio.
- The battery pack may slightly heat up during charging, which is a normal phenomenon.

Power On/Off

Press and hold [Power] key to power on the radio. Repeat the step to power off the radio.

Check Channel and Battery Level Status

In standby mode, briefly press the power button to check channel and battery level status.

Volume Control

Press [+] to increase the volume. Press [-] to decrease the volume.
Note: When press [+] again under the maximum radio volume, the speaker of radio will prompt an error sound. When the volume is adjusted to the minimum by pressing [-] key, the radio is muted.

Transmitting/Receiving

1. To talk, press and hold the [PTT] button. When transmitting, the red LED indicator is on. Release the PTT button when you are finished talking. Do not use the radios closer than five feet apart.
2. When receiving, green LED indicator is on.

Precautions for Radio Operation

- When the radio is transmitting, keep the radio in a vertical position, and keep the microphone 2.5-5 cm away from the mouth. When transmitting, the radio should be at least 2.5 cm away from the head or body.

- Do not turn on/off the radio repeatedly during use, and adjust the volume to a level suitable for your hearing.
- Before using the radio for communication, please set the transmitter and receiver to the same frequency point.
- For the analog channel that requires communication, please set the transmitter and receiver to the same sub-audio frequency.

Menu Selection

1. The [Menu] key were set to (i) Switch channel, (ii) Set high/low power, and (iii) Turn on/off scanning.
2. If the radio is not operated for 3 seconds or [PTT] key is pressed, it will exit the menu mode.

Channel Selection

In the standby state, press the [Menu] key once to enter the channel selection menu, and then press the [+] or [-] key to select the channel. The current channel number will be voice prompted every time you select. If the radio is not operated for 3 seconds or [PTT] key is pressed, it will exit the menu mode.

Channel Scanning

Press the [Menu] key twice to enter the channel scanning menu, press the [+] or [-] key to start/stop channel scanning, and the speaker will give a voice prompt "Scan on" or "Scan off".During scanning, the radio scans the channels in the list and the current main channel. When any channel in the scan list is transmitting a signal, it will stay on that channel after scanning the signal. If press the [+] key again will skip the current channel and continue scanning. When scanning stop, if the radio is not operated for 3 seconds or [PTT] key is pressed, it will exit the menu mode.

Setting High/Low Power (US Only)

Press the [Menu] key thrice to enter high/low power setting, and press [+] or [-] key again to switch high/low power. If the radio is not operated for 3 seconds or [PTT] key is pressed, it will exit the menu mode.

TOT (Time out Timer) Function

In order to prevent some users from occupying the same channel for a long time, users can set to enable the TOT function. When the user's continuous transmission time on the current channel reaches the TOT duration, the radio will stop transmitting and the speaker will give a time-limit prompt tone. You can set the time out timer via programming software. By default is 60 seconds. When OFF is selected, user can transmit continuously.

VOICE OPERATED TRANSMISSION (VOX)

Transmission is initiated by speaking into the microphone of the radio instead of pushing the PTT button.VOX feature is pre-programmed on 'Program' button. Short press to on/off VOX feature. VOX levels can be preset through programming software. When the radio VOX function is on, the preset VOX level is used.

- L3=High Sensitivity
- L2=Medium Sensitivity
- L1=Low Sensitivity

Monitor
(Default on Programmable Button)

Monitor feature is pre-programmed on 'Program' button. Press and hold to enter monitor mode. Release the button to exit.

Power Saving Function

The power saving function can be enabled/disabled by programming software.

Low Battery Alert

When the radio first entered low battery range, the radio chirps periodically or after releasing the PTT button. When the radio battery level becomes empty, transmit mode is disabled. Please charge the radio immediately.

Program Button

User can configure program button functions via programming software. Corresponding features as below:
- None
- Privacy on/off
- VOX on/off
- Monitor

Setting Privacy Code

User can configure privacy code via programming software. Default is OFF.

Squelch Level(SQ)

User can configure SQ setting via programming software. If SQ is set to 0,the radio will be in receiving mode.

Setting New Read/Write Password

To further enhance privacy and security, user can configure password. through programming software interface.

1. Set new read/write 8-digits password.
2. To change password, first input old password, press to confirm in order to unlock and input new password.
3. To remove password, leave it blank and press confirm.

Optional Accessories

The main accessories of the radio are included in the product packaging box. For more information about accessories, please consult your local dealer.

Note: Please use the accessories specified by our company. If you use unauthorized accessories, you shall be responsible for all the consequences.

Disclaimer

This manual strives for the accuracy and completeness of its content during the preparation. Repeated review has been carried out, and the company will not assume any responsibility for errors or omissions that may occur during the output and printing process. In addition, due to the continuous development of technology, the company reserves the right to change the product design and specification without prior notice.

Please out along with this line

GUARANTEE CARD

Model Number: _____

Serial Number: _____

Purchasing Date: _____

Dealer: _____ **Telephone**: _____

User's Name: _____ **Telephone**: _____

Address: _____ **Post Code**: _____

REMARKS:

1.This guarantee card to be kept by the user ,no replenishment if lost.

2.This guarantee card to be filled & chopped by the dealer,or it is invalid.

3.Don't alter the guarantee card,please confirm the serial number on the guarantee card is same as that on the machine.

4.Warranty void if seal broken.

5.1 year guarantee for product, 6 months for charger,battery and antenna .

6.The user can get repairing service from the following ways:

a.Go to the shop where you buy the machine

b.Our local repairing agent

Chop by Dealer