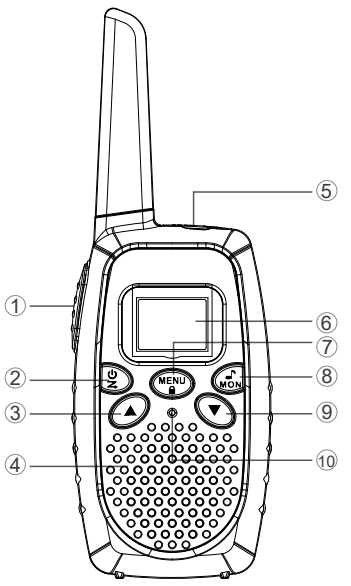
335100480 _RevA

Walkie-Talkie

OPERATING INSTRUCTION

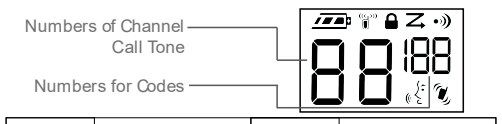
Note:
Please read the operating instructions carefully before using the device.

KEY FUNCTIONS



① Push-to-Talk
② Power On/Off SCAN
③ UP
④ Speaker
⑤ Accessary Port Charging Port
⑥ Screen
⑦ LOCK MENU
⑧ Call tone Moniter
⑨ DOWN
⑩ Microphone

DISPLAY SCREEN GUIDE

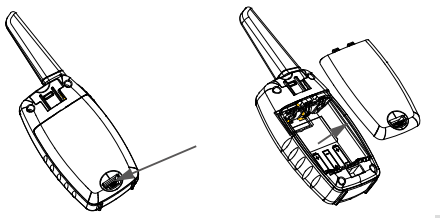


	Battery Level		High/Low Power
	Key Lock		TX/RX Icon
	Roger Beep Icon		VOX
	Scanning		

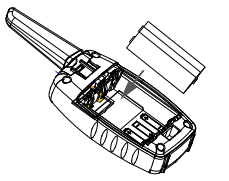
GETTING STARTED

Your radio uses 3 AA Alkaline batteries.

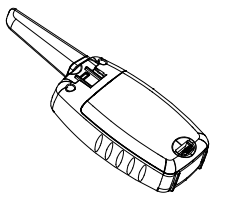
1. With the back of the radio facing you, there are a secret button to release the battery cover and remove.



2. Install 3 AA Alkaline batteries as shown on the inside of the battery compartment.



3. Re-cover the battery cover and press DOWN to secure. The walkie talkie can use a NiMH rechargeable battery instead of 3 AA Alkaline batteries.



Radio Battery Meter

Battery full bars indicates battery high . When the battery meter shows 1 bar, device is on low battery mode and indicate low battery alert in the forms of alert tone.

Note:
- Remove the battery from radio for storage purposes. Batteries may corrode over time and cause permanent damage to your devices.
- Do not mix and use old/new/alkaline/NiMH batteries.
- Charge the supplied NiMH batteries once every 3 months when not in use.

Turning Your Radio On and Off

After you installed batteries turn the radio on, the radio chirps and the display briefly shows all feature icons available on your radio. The display then scrolls through the available channels and Interference Eliminator Codes. Press and hold button turn the radio off.

Setting the Volume

- Press the UP button to increase the speaker volume.
- Press the DOWN button to decrease the speaker volume.
- The speaker volume level is indicated by the number 1-16 displayed.

Setting a Channel

1. Press the MENU button until the current channel flashes.
2. Press UP or DOWN button to select the channel number.
3. Press PTT to confirm and save the channel setting.

Talking and Listening

To communicate, all radios in your group must be set to the same channel and Interference Eliminator Code. To talk, press and hold PTT. Hold the radio 2 to 3 inches away from your mouth when

speaking.When you finished speaking, release PTT (press to talk, release to listen)

Checking the Channel Before Transmitting

Your radio has 22 channels shared on a “take turn” basis. For uninterrupted communication, do not talk on a channel if someone else is currently talking on it.To check for activity on a channel before you talk, press and hold ♪/MON. If you hear static, the channel is clear to use.

SPECIAL FEATURES

Interference Eliminator Code

Interference Eliminator Codes help minimize interference by providing you a choice of code combinations. To set the code for a channel:

1. Press the MENU button until the code number starts to flash.
2. Press UP or DOWN to select the code 0-121 or 121-0.
3. Press PTT to save the code setting.

You can set a different code for each channel using this procedure.

Note: You must set the Interference Eliminator Code to 0 if you want to communicate with another radio which didn’t set UP the Interference Eliminator Code.

Push to Talk Timeout Timer

To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press PTT for 60 continuous seconds.

Locking the Keypad

To avoid accidentally changing your radio settings, press and hold for 3 seconds or until displays. You can turn the radio on and off, adjust the volume, receive, transmit, send a call tone, and monitor channels. All other functions are locked. To unlock the radio, press and hold for 3 seconds or until is no longer displayed.

Scanning Channels

Use scanning to monitor channels for transmissions or to find someone in your group who has accidentally changed channels. To start scanning, briefly press and release . The scan indicator displays. When the radio detects channel activity, it stops scanning and you can hear the transmission. To respond to the transmission, press PTT within 5 seconds,the channel will be confirmed.

Scan Advance

If the radio stops scanning on a channel you do not want to listen to, briefly press and release or to resume scanning for the next active channel.

Setting and Transmitting Call Tones

Your radio can transmit different call tones to other radios in your group so you can alert them that you want to talk.To set a call tone:

1. Press the MENU button until the current call tone setting flashes displays.
2. Press UP or DOWN to change and hear the call tone.

3. Press PTT to set the new call tone.

To transmit your call tone to other radio , you need to set to the same channel and Interference Eliminator Code as your radio, then press ♪ .

Note: Setting the call tone to 0 disables the call tone feature.

Voice Operated Transmission (VOX)

Transmission is initiated by speaking into the microphone of the radio instead of pushing the PTT button.

1. To activate VOX, press MENU button until appears on the display. The current setting (0, 1-3) will flash.
2. Press UP and DOWN button to select the sensitivity level.
3. Press PTT to set the new setting.

L3=High Sensitivity
L2=Medium Sensitivity
L1=Low Sensitivity
L0=Turn Off VOX function

Setting the double channel monitor

1. Press MENU button until ‘CH’ appears on the display. The current setting (OF, 1-22) will flash.
2. Press UP or DOWN to set the monitor channel.
3. Press PTT to save the double channel monitor setting.
4. Then the double channel will flash.

Setting the SQUELCH Level 1-6

1. Press MENU button until ‘SL’ appears on the display. The current setting (1-6) will flash.
2. Press UP or DOWN to select the receive sensitivity level.

01 = High receive Sensitivity
02~05 = Medium receive Sensitivity
06 = Low receive Sensitivity

Setting the TX POWER LO/HI

1. Press MENU button until ‘pr’ appears on the display. The current setting (HI or Lo) will flash.
2. Press UP or DOWN to select the LO or HI level.
3. Press PTT to save the TX POWER LO/HI setting.

FREQUENCIES

This FRS device is approve

Channel	Frequency (MHz)		Channel	Frequency (MHz)	
1	462.5625		12	467.6625	
2	462.5875		13	467.6875	
3	462.6125		14	467.7125	
4	462.6375		15	462.5500	
5	462.6625		16	462.5750	
6	462.6875		17	462.6000	
7	462.7125		18	462.6250	
8	467.5625		19	462.6500	
9	467.5875		20	462.6750	
10	467.6125		21	462.7000	
11	467.6375		22	462.7250	

CTCSS 38

Code No	Frequency (Hz)	Code No	Frequency (Hz)	Code No	Frequency (Hz)	Code No	Frequency (Hz)
1	67	11	97.4	21	136.5	31	192.8
2	71.9	12	100	22	141.3	32	203.5
3	74.4	13	103.5	23	146.2	33	210.7
4	77	14	107.2	24	151.4	34	218.1
5	79.7	15	110.9	25	156.7	35	225.7
6	82.5	16	114.8	26	162.2	36	233.6
7	85.4	17	118.8	27	167.9	37	241.8
8	88.5	18	123	28	173.8	38	250.3
9	91.5	19	127.3	29	179.9		
10	94.8	20	131.8	30	186.2		

CDCSS 83

No	Code	No	Code	No	Code	No	Code
39	23	49	71	59	134	69	223
40	25	50	72	60	143	70	226
41	26	51	73	61	152	71	243
42	31	52	74	62	155	72	244
43	32	53	114	63	156	73	245
44	43	54	115	64	162	74	251
45	47	55	116	65	165	75	261
46	51	56	125	66	172	76	263
47	54	57	131	67	174	77	265
48	65	58	132	68	205	78	271
79	306	90	412	101	516	112	662
80	311	91	413	102	532	113	664
81	315	92	423	103	546	114	703
82	331	93	431	104	565	115	712
83	343	94	432	105	606	116	723
84	346	95	445	106	612	117	731
85	351	96	464	107	624	118	732
86	364	97	465	108	627	119	734
87	365	98	466	109	631	120	743
88	371	99	503	110	632	121	754
89	411	100	506	111	654		

SAFETY & GENERAL INFORMATION

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 body worn operation, this model device has been tested and meets the FCC/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 of the face up minimum distance is 25 mm.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Pour le corps, ce modèle d’appareil a été testé et adapté à la RF renforcée Lignes directrices relatives à l’exposition lorsqu’elles sont utilisées avec un accessoire pour ce produit ou lorsqu’elles sont utilisées avec celui-ci Un acces-soire ne contenant pas de métal et dont la distance minimale de la face est de 25 mm.
Tout changement ou modiÿcation non expressément approuvé par la partie responsable de la conformité l'équipement.

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%.