Safety & General Information

Important Information for Safe and Efficient Operation. Please read this information before using your radio.

Safety and General
1. Do not transmit more than 50% of time. It is important as the radio generates measurable RF energy exposure only when transmitting.
2. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.
3. Radio frequency signals transmitted may cause interference to hearing aids.
4. Turn off the radio when near medical equipment.
5. This product should not be used by people with pacemakers.
6. Do not use the radio when driving a vehicle or operating machinery.
7. Do not use the radio when on board aircraft.
8. Do not hold the antenna when transmitting.
9. Do not use the radio when the antenna has damaged.
10. Turn off the radio and remove the batteries if you are not going to use it for a long time.

Two-way Radio Operation
The device was tested for typical body-worn operations using the supplied belt-clip. To maintain compliance with FCC RF exposure requirements, body-worn operations are restricted to the supplied belt-clip. For hand-held operation, the radio should be held at least 1 inch (2.5cm) from the user's face. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements and should be avoided. For more information about RF exposure, please visit the FCC web site at www.fcc.gov.

OPERATIONAL CAUTIONS
1. Never dispose of batteries in a fire. There is a serious risk of explosion and /or the release of highly toxic chemicals.
2. Do not expose your product to direct sunlight, extreme cold or place it near heating appliances.
3. Do not submerge any part of your product in water and do not use it in damp, humid or wet conditions.
4. Do not expose your product to fire, explosive or other hazardous conditions. For example, at petrol stations or areas where explosive products are used.

FCC Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following 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.

FCC ID: B4HSC1000

Specifications

Frequency Range	UHF 462-467.7125MHZ	Maximum Deviation	< +- 5KHz
Channels	14 UHF	Spurious Radiation	< -60dB
CTCSS	38 Tones	Frequency Stability	+- 5ppm
Operating Voltage	7.2V	Receiving Stability	< 0.2uV
Operating Temp.	-30 to 60 Degrees c	Audio Output Power	> 500mW
Operating Mode	Simplex	Weight	5 oz
Output Power	0.38W	Size	2.4" w x 1.5" d x 4"h
Modulation	FM (F3E)	FCC License	None Required

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Scrambler UHF
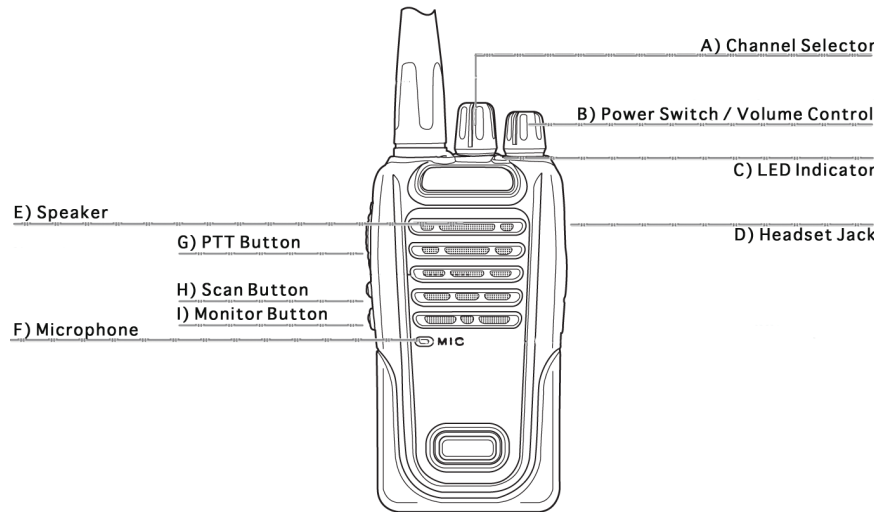### Model SC 1000

Professional
Two-Way Radio

Encrypted High Band Transceiver

Introduction

Each Scrambler UHF is factory programmed to provide discreet private two-way voice contact. All outgoing transmissions are digitally encrypted and scrambled to prevent eavesdropping. In addition, CTCSS frequency guard protects the receive circuit by blocking outside interference. Combined, these features ensure that communications remain completely private.

Features

A) Channel Selector

B) Power Switch / Volume Control

C) LED Indicator

D) Headset Jack

E) Speaker

G) PTT Button

H) Scan Button

I) Monitor Button

F) Microphone

MIC

Operation

1. Slide battery onto the back of the transceiver until the latch at the bottom clicks, then follow the charging procedure before operation.

2. The Power switch / volume control knob (B) turns the transceiver on and off and also sets the incoming sound level. Turn the power switch / volume control clockwise to turn the transceiver on.

3. Set the operating channel via the Channel Selector (A). Rotate the Channel Knob setting it to the desired channel. Channel numbers are printed on the radio. The radio features an audible channel announcement and will tell the user the channel selected.

Operation (cont.)

4. Before making a call, monitor the channel to make sure that no one is using the frequency (optional). To monitor the channel depress and hold the monitor button (I).

5. To make a call press and hold the PTT key (G) on the side of the radio and speak into the microphone. The LED indicator (C) will flash red confirming transmission.

6. For best voice translation speak directly into the microphone (F) using normal voice levels. Release the PTT key when you are finished speaking.

7. Incoming messages are received through the built in speaker (E). Adjust the speaker sound level by rotating the volume control knob as follows: clockwise: higher, counter-clockwise: lower. Incoming messages are confirmed by green flashing light on LED indicator.

8. The headset jack (D) allows addition of audio accessories including speaker microphone and lightweight and heavy-duty headsets.

Using Your Headsets

Our headsets include special noise cancelling microphones. For optimum performance adjust microphone boom so the element is directly in front of, and approximately 1 - 2" from the user's mouth.

TALK

Charging

Low Battery Indicator:

Double audio beep every 5 seconds indicates low battery power. Recharge accordingly.

1. After purchase, or after extended storage (greater than 2 months) charge and discharge the battery two or three times.
2. Plug the AC adapter cable into the jack located on the rear of desktop charger base.
3. Slide the transceiver and battery pack into the charger.
4. Plug adapter into AC outlet.
5. Make sure the battery pack contacts are touching the terminals.
6. LED indications: RED: charging, GREEN: full charge.
7. Remove the transceiver from charging base when charging is completed.