



# OWNER'S MANUAL

## MODEL : 3-5870B

### Two Way Family Radio



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**CONGRATULATIONS ON YOUR SELECTION  
OF THE 3-5870 B**

It is one of the most inexpensive, yet sophisticated and reliable two-way Family radios available.

**BEFORE OPERATING YOUR 3-5870 B  
READ THIS OWNER'S MANUAL CAREFULLY.**

**THIS DEVICE COMPLIES WITH PART 15 OF THE FCC  
RULES. OPERATION IS SUBJECT TO THE CONDITION  
THAT THIS DEVICE DOES NOT CAUSE HARMFUL  
INTERFERENCE.**

**■ FEATURES**

Your 3-5870B Family Radio is a portable, easy-to-use, two-way radio that you can carry almost anywhere. It is skillfully constructed to give you reliable communication for many different applications.

The 3-5870B is ideal for around the house, in your car or boat, on hunting and camping trips, or at your business for security patrols or warehouse communications.

The PLL circuit achieves a new technique for generating all the required frequencies with fewer crystals. The result is much tighter frequency control and superior reliability.

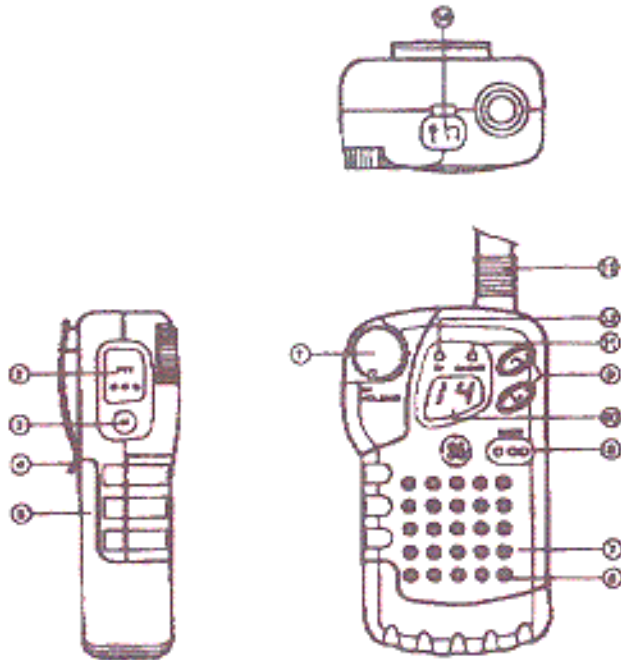
**FCC WARNING:**

**THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENTS.**

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## FUNCTION and LOCATION of the CONTROLS



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1. **POWER ON/OFF-VOLUME CONTROL** : Turn clockwise to turn "ON" and to increase listening volume level. Turn counter-clockwise to decrease volume and turn power "OFF".
2. **PUSH-TO-TALK BUTTON** : Press to transmit, and release to receive.
3. **Monitor (M) BUTTON** : To monitor channel activity.
4. **BELT CLIP**
5. **BATTERY COMPARTMENT**
6. **SPEAKER** : For broadcasting incoming signals.
7. **MICROPHONE** : For transmitting.
8. **PAGE** : You can cause a paging tone to sound on the radios with GE brands tuned to the same channel. To send a page, hold down PAGE button.
- 9-1. **"CHANNEL UP"** : Pressing this UP button momentarily advances 1 channel. Holding switch will continuously advance channels until switch is released.
- 9-2. **"CHANNEL DOWN"** : Pushing this DOWN button operates to decrease channels.
10. **CHANNEL DISPLAY** : Indicates channel (1-14) selected.
11. **BATT LOW LED** : Indicates the condition of the batteries.
12. **TX LED** : Indicates transmitting.
13. **ANTENNA**
14. **MIC/EAR JACK** : For the optional Speaker/Microphone or earphone.

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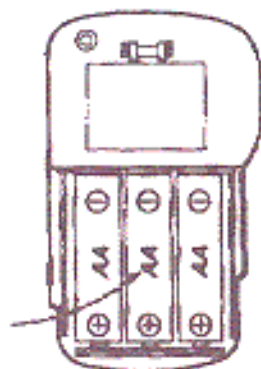


## BATTERY INSTALLATION

Your radio requires three "AA" alkaline cells or three rechargeable "AA" nickel cadmium cells.

Remove the battery cover by releasing the clasp at the bottom of the unit and lifting the cover from the battery compartment. Observe the polarity symbols inside the battery tray when installing the batteries.

**CAUTIONS: INCORRECT BATTERY INSTALLATION CAN DAMAGE THE UNIT.**



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## HOW TO OPERATE WITH YOUR RADIO

### TO RECEIVE

1. Turn on power.
2. Using the "Battery Low" indicator, check the battery condition.
3. Set the channel selector to the desired channel.
4. Adjust the volume control to the desirable listening level.

### TO TRANSMIT

1. Turn on power.
2. Check the battery condition.
3. Set the channel selector to the desired channel.
4. To transmit, press the Push-to-Talk button. Speak slowly and clearly in a normal voice level 2-3 inches from the microphone. A built-in modulation control circuit will automatically adjust the microphone input level. There's no need to speak loudly.
5. To receive, release the Push-to-Talk button.

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## SPECIFICATIONS

Channels.....14  
 Output power.....500 mW ERP  
 Battery Life:  
 (Alkaline).....40 Hours (2300 mA)  
 (NiCd).....8 Hours (600 mA)  
 Power Source (Alkaline).....4.5V DC

### Frequencies:

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
1	462.5625 MHz	8	467.5625 MHz
2	462.5875 MHz	9	467.5875 MHz
3	462.6125 MHz	10	467.6125 MHz
4	462.6375 MHz	11	467.6375 MHz
5	462.6625 MHz	12	467.6625 MHz
6	462.6875 MHz	13	467.6875 MHz
7	462.7125 MHz	14	467.7125 MHz

Specifications are typical; individual units might vary.  
 Specifications are subject to change and improvement without notice.

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