

**EXHIBIT B #3 – COPY OF INSTALLATION AND OPERATING
INSTRUCTIONS TO BE FURNISHED TO USER**

24-0000000000

DEC 14 1998

SEE ATTACHED

FCC ID: NCN62

Specifications

Description Specs

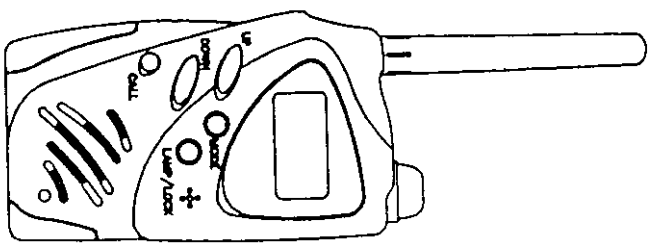
Channels
Codes

14
38 STANDARD CTCSS Tone
UHF - 462.550 to 467.725MHz
Up to 2 Miles
3AA Alkaline or Ni-Cd Batteries
500mW
Out power
Battery Life (Alkaline) 30 Hours (5/5/90 duty cycle)

Channel Frequency Chart

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

FRS-1400



FCC Introduction

FRS27100 is a lightweight, palm-sized radio that you can carry almost anywhere. Use it at shopping malls, amusement parks, or sports events to contact family and friends or in a neighborhood watch for vital communications.

This model incorporates all 14 channels with 38 different privacy codes to provide the best in quiet and private communications.

If someone else is using the channel you selected and you do not want to hear that person, select another channel.

FCC Information

Important: Do not open your radio to make any internal adjustments. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by qualified technician using the proper test equipment. To be safe and sure:

- Never open your radio's case
- Never change or replace anything in your radio except the batteries.

Your radio might cause TV or radio interference even when it is operating properly. To determine whether your radio is causing the interference, turn it off. If the interference goes away, your radio is causing it. Try to eliminate the interference by:

- Moving your radio away from the receiver

If you cannot eliminate the interference, the FCC requires that you stop using the radio.

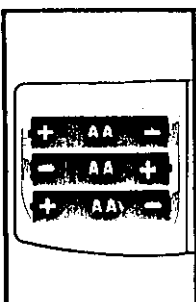
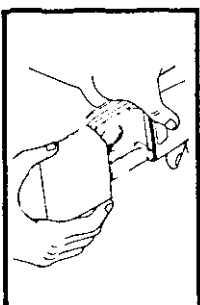
Batteries

Your radio uses 3 AA batteries for power. You can use alkaline or rechargeable batteries. (If you use rechargeable batteries, you must charge before you can use them in the radio)

Caution: Do not mix old and new batteries, different types of batteries (standard alkaline, or rechargeable), or rechargeable batteries of different capacities.

Be sure that the radio is off.

1. Firmly pull battery cover (radio back) down to remove.
2. Insert 3 AA batteries.
3. Replace the battery cover and push up until secure.

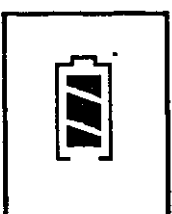


Low battery alert

When batteries are low, the radio will chirp. Replace the batteries immediately to avoid interrupted use.

Battery Meter indicator

The battery meter, located on LCD, is divided into three bars.

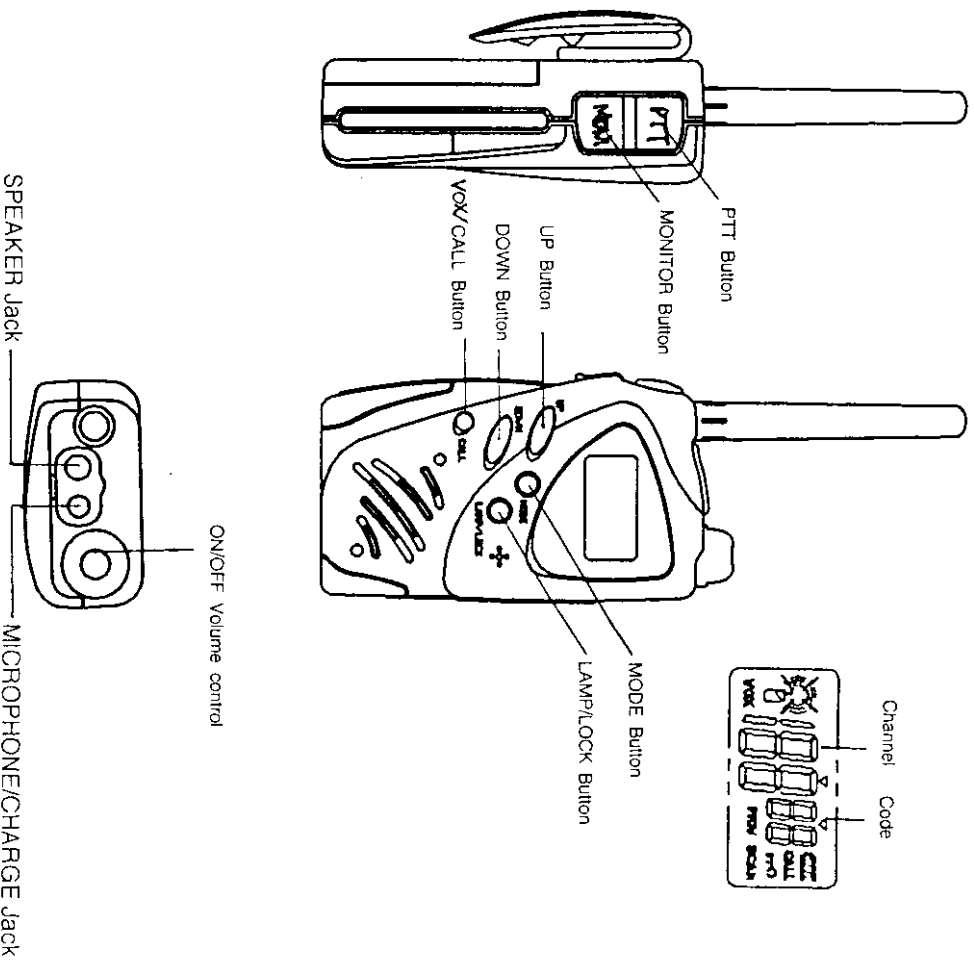


Belt clip

To attach:

1. Insert the screw of the belt clip into your desired hole
2. Turn the screw clockwise.

Location of the controls



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Before you can talk

Read this manual carefully, make sure you know how to properly operate the before use.

This radio have 14 channels and 38 different privacy codes. To talk to other radios in your group must be set to the same channel and code.

1. ON/OFF Volume control

In "OFF" position your unit is off. Turn this control clockwise to switch on the Turn the knob clockwise a little more to set the audio level, until you comfortable sound level. Pressing the "MON" button will allow background noise be heard. Turn the knob counter clockwise to decrease volume.

2. MODE button

Press "MODE" button. Each time this button is pressed, "▼" indicator will channel or code mode. After selecting channel mode, press UP or DOWN repeatedly until you see the channel number you want to select. After selecting mode, press UP or DOWN button repeatedly until you see the code number you want to select. To turn off the privacy code press and hold the "MODE" button to the "PRIV" icon disappears in the display. To again activate privacy mode press and hold the "MODE" button.

Caution:

If the code 00 is displayed, you can receive a signal regardless Privacy Code.

3. PTT button

To talk, press and hold "PTT" button and speak into the microphone. Release on the LCD. When you finish speaking, release PTT button. In this time, you receive messages.

4. LAMP/LOCK button

Press and immediately release "LAMP/LOCK" button to cause the display backlight to illuminate. The backlight will turn off automatically after 5 seconds. Press and hold "LAMP/LOCK" button for 1 second to lock the keyboard avoiding accidental use of the keys or change of channels. "🔒" will appear on LCD. Press and hold again for 1 second to unlock.

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5. MONITOR button

Press "MONI" button in to momentarily bypass privacy code and also open the audio squelch. When initially setting the volume pressing this button will allow background noise to be heard. When in the privacy mode press the "MONI" button to check for signals without private codes.

6. SCAN mode

Press and release "MODE" button over 2 seconds to start scan operation. The unit will begin scanning. If a valid signal is present the radio will stop on the active channel and remain stopped for 2 seconds. If no button is pressed, the scan mode will then immediately resume for the next channel after the signal disappears within 5 seconds or after 5 seconds have elapsed. If "UP" button is pressed, the unit will resume scanning for the next channel. If "DOWN" button is pressed, the current displayed channel will be deleted from scan and the unit will immediately resume scanning for the other channels. If "PTT" or "MONI" button is pressed, the unit will exit scan mode and stop at the current displayed channel. The memory for deleted channels is cleared every time "MODE" button is pressed over 2 seconds.

7. CALL button

Press and hold "CALL" button. The call tone rings and "CALL" appears on the LCD for 5 seconds.

8. VOX mode

This unit has built-in voice Activated Transmission (VOX) capability. This means the sound of your voice activates transmission when using with MIC. If the power is on pressing "CALL" button, the unit gets in to VOX mode. In this time, hands-free use is possible. If the power is off, VOX mode is cancelled.

* VOX level control

If you press "MODE" and "PTT" button at the same time, the unit gets in to vox level control mode. In this time, adjust the vox level by pressing "UP" or "DOWN" button.

9. SPEAKER JACK

Connect the speaker to this jack.

10. MICROPHONE/ CHARGE JACK

Connect the microphone or charger to this jack. This unit operates at 5 volts maximum. Do not connect to vehicle electrical system or any source higher than 6volts, severe damage will result.

CARE AND SAFETY

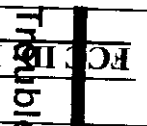
To clean the radio, wipe with a soft cloth dampened with water. Don't use oil or solvents on the radio, they can harm the body and leak inside, causing per damage. Battery contacts may be wiped with a dry, lint-free cloth. If the radio gets wet, turn it off and remove batteries immediately. Dry the compartment with a soft cloth to minimize potential water damage. Leave the battery compartment overnight or until completely dry. Do not use the radio completely dry.

CAUTION

When using Audio Accessories:
Do not operate the radio with audio accessories at high volume levels. Experts advise against continuous high volume operation. If you experience a in your ears, reduce volume level or discontinue use. Always make sure the r turned off before plugging audio accessories into the accessory jack.

WARNING

Do not operate radio in hazardous environments. Explosion or fire may result. Do not operate radio near unshielded electrical blasting caps. Under c conditions, radios can interfere with blasting operations and may cause an exp Turn your radio OFF to prevent accidental transmission when in a "blasting ar in areas posted: "Turn off two-way radio". Construction crews often use r control RF devices to set off explosives.



Troubleshooting

Problem Solution

No Power

Reposition or replace batteries.

Message Not Transmitted

Make sure the PTT button is completely pressed as you transmit.

Reposition or replace batteries.

Message not Received

Confirm radios have the same channel and privacy code setting.

Make sure PTT is not inadvertently being pressed.

Reposition or replace batteries.

Obstructions, operating indoors or in vehicles may interfere with communication. Change your location.

Check to make sure volume is turned up.

Hearing Other Conversation or Noise on a Channel

Confirm privacy code is set

Shared channel or privacy code may be in use, try another.

Limited Talk Range

Steel/concrete structures, heavy foliage and use in buildings and in vehicles will decrease range, check for clear line of sight to improve transmission.

Wearing radio close to body such as in a pocket or on a belt will decrease range, change location of radio.

Heavy Static or Interference

Radios too close. Radios must be at least 5 feet apart, increase your distance.

Radios too far apart. Obstacles interfere with transmission. Talk range is up to 2 miles in clear, unobstructed conditions