⑳ **BELL**SOUTH

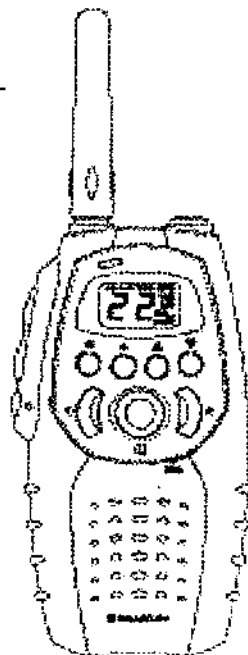# COMMUNICATOR
MODEL 2271

OWNER'S MANUAL
AND OPERATING
INSTRUCTIONS

**PLEASE READ
THIS OWNER'S
MANUAL
CAREFULLY
BEFORE USE.
KEEP FOR YOUR
REFERENCE.**

FOR "GETTING STARTED" INFORMATION,
PLEASE SEE INSTALLATION INSTRUCTIONS ON PAGE 7
OR
YOUR SEPARATE QUICK START GUIDE.
© 2002 BellSouth Corporation

STOP

**Read this Owner's Manual first to
receive the best performance from the
COMMUNICATOR.
Operation on GMRS frequencies
requires a license from the Federal
Communications Commission (FCC)**

Website - http://wireless.fcc.gov/prs/genmbl.html

Tel.: 1-800-418-3676

⑤ **BELL**SOUTH

Visit Us on the Web:
www.uselectronics.info

Made in China

Ⓖ Ⓖ

Special Features

Congratulations on your selection of a quality BellSouth product. With proper care and adherence to the set-up and user instructions in this Owner's Manual, this unit will provide you with years of trouble-free service.

BellSouth is committed to providing quality products that fit your needs. We would like to have any comments or suggestions you might have on this product. You may mail your comments to:

> U.S. Electronics
> 105 Madison Avenue
> New York, NY 10016

PRODUCT DESCRIPTION

The COMMUNICATOR is the newest generation in personal two-way communications. The COMMUNICATOR operates in a license-free radio band on the FRS channels 1 - 14 (no FCC license is needed for its operation), and on licensed GMRS channels 1 - 7, 15 - 22 (see page 22 regarding licensing information).

The COMMUNICATOR is a lightweight, compact two-way communication device that can be used to communicate with family or friends at parks, shopping malls, sporting events, concerts – any indoor or outdoor activity!

The COMMUNICATOR is compatible with other brands utilizing the same FRS frequency band (operating in the frequency range from 462.5625 MHz to 467.7125 MHz) or same GMRS frequency band (operating in 462.5500 MHz to 462.7250 MHz).

The COMMUNICATOR has 22 CHANNELS, including 14 FRS channels and 8 GMRS channels (For details, refer to page 19 CHANNEL TABLE).

Other features include ELECTRONIC VOLUME CONTROL and BATTERY SAVE CIRCUITRY.

Please read this Owner's Manual carefully to get the most out of your TWO-WAY COMMUNICATOR.

NOTE: The maximum transmission range will vary depending on terrain and environment. Range will be greater in open fields, while range is shorter within and around buildings or large structures.

This unit may not ensure privacy of communication.

Contents

1. **BELT CLIP** (LOCATED ON THE REAR). (Pgs. 7, 8)
2. **SP./MIC JACK.** (Pgs. 15~17)
3. **RX/TX (RECEIVE/TRANSMIT) LED Indicator:** Turns green when receiving a signal. Illuminates red when transmitting. (Pgs. 11, 14, 17)
4. **LCD Screen:** Displays current channel selection and other radio status symbols. (Pgs. 9~13, 15, 16, 18)
5. **UP ▲ button** (VOLUME/CHANNEL): Press to adjust volume level and change channels. (Pgs. 10, 12, 14, 16, 18)
6. **DOWN ▼ button** (VOLUME/CHANNEL): Press to adjust volume level and change channels. (Pgs. 10, 12, 14, 16, 18)
7. **CALL C button:** Press to transmit CALL TONES. (Pgs. 12~14, 16)
8. **MENU button:** Allows you to change channels. (Pgs. 12, 14, 16, 18)
9. **MIC:** MICROPHONE. (Pgs. 11, 17, 18)
10. **SPEAKER.** (Pg. 10)
11. **BATTERY COMPARTMENT** (LOCATED ON THE REAR): Houses 6 x 1.5V "AAA" alkaline or Ni-MH rechargeable batteries (not included). (Pgs. 8, 20)
12. **CHG (BATTERY CHARGE) JACK.** (Pg. 15)
13. **POWER ON/OFF button:** Press and hold the button to turn your unit ON/OFF. (Pgs. 8, 10)
14. **SCAN S button:** Used to activate/deactivate CHANNEL SCAN. (Pg. 13)
15. **LAMP+ / LOCK button:** Used to turn LCD Screen LAMP ON/OFF. Buttons are locked when pressed and held. (Pgs. 9~10, 12, 18)
16. **MONITOR M button:** Press to tune in and hold onto weak signals. (Pgs. 11~14, 18)
17. **PTT (PUSH TO TALK) button:** Press to transmit. (Pgs. 11~14, 16, 17)
18. **ANTENNA.** (Pgs. 6, 19, 20)

FCC Notice

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

5

FCC Notice

Safety Information:
Your wireless hand-held portable transceiver contains a low power transmitter. When the Push-to-Talk (PTT) button is pushed it sends out radio frequency (RF) signals. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless devices.

Important: To maintain compliance with the FCC's RF exposure guidelines, hold the transmitter and ANTENNA at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the ANTENNA pointed up and away from the face. If you wear the handset on your body while using the headset accessory, use only the supplied BELT CLIP for this product and when transmitting, take it out of the belt to ensure that the ANTENNA is at least 1 inch (2.5 centimeters) from your body.

Use only the supplied ANTENNA. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

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.

6

Carefully remove your COMMUNICATOR from its Blister Pack. If there is any visible damage, do not attempt to operate this COMMUNICATOR. Return it to the place of purchase.
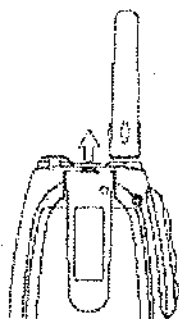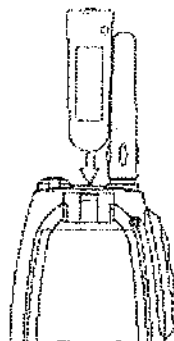
Removing the BELT CLIP:

Figure 1.   Figure 2.

1. Pull the BELT CLIP LATCH away from the unit.
2. While pulling the BELT CLIP LATCH, push up on the BELT CLIP to remove it from the unit. See Figure 1.

Installing the Belt Clip:

1. Slide the BELT CLIP into the BELT CLIP SLOT. See Figure 2.
2. A "click" indicates the BELT CLIP is locked into position.

Battery Installation:

Figure 3.
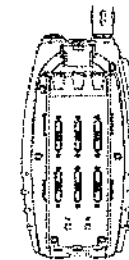
Figure 4.   Figure 5.

1. Release the BATTERY COMPARTMENT COVER LATCH located on the rear side of the unit (see Figure 3) and remove the BATTERY COMPARTMENT COVER from the BATTERY COMPARTMENT (See Figure 4).
2. Install 6x1.5V "AAA" alkaline batteries or Ni-MH rechargeable batteries (not included) as shown. (See Figure 5).
3. Reinstall the BATTERY COMPARTMENT COVER and lock the BATTERY COMPARTMENT COVER LATCH into position.

> The COMMUNICATOR has a built in POWER SAVER feature for maximum battery life. But when the COMMUNICATOR is not being used, conserve battery power by pressing the Ⓞ button to OFF. Remove the batteries if the unit will not be used for a long period of time.

LCD Screen:

CHANNEL SCAN SELECTION

RX ICON

BATTERY INDICATOR

DW ICON

DW BUSY SCAN

BUTTON LOCK

LOW ICON

VOX ICON

VOLUME LEVEL

CHANNEL NUMBER
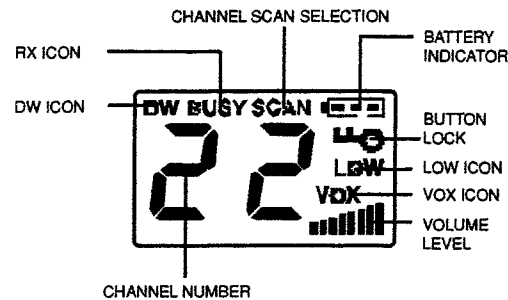
DW	Displays Dual Watch function.
BUSY	Displayed when receiving a signal.
SCAN	Displayed during CHANNEL SCAN mode.
	Displays current BATTERY LEVEL.
	Press and hold the LAMP+ button until the BUTTON LOCK symbol is displayed.
LOW	Displays output LOW power function
VOX	Displayed during VOX mode.
	Displays current VOLUME LEVEL.
22	Channel numbers change from 1-7 (LOW Power), 8-14 on FRS, and 1-7, 15-22 on GMRS as selected by user.

Turning the Unit ON:
Press and hold the ⏻ button. The unit will "beep" with a dual tone and the LCD SCREEN will briefly display a SELF-TEST Screen and turn on the unit.

Turning the Unit OFF:
Press and hold the ⏻ button. The unit will "beep" with a signal tone and the LCD Screen will turn blank.

Power LOW Selection Function:
Press LOW/ ⏻ (Power LOW) button to select power LOW output. Press LOW/ ⏻ button again to deactivate power LOW mode. During power LOW turn ON, LCD will display LOW icon.

1. If user is using GMRS unit in close area and then the power LOW can be selected for user. That the power LOW feature will operate as normal function but the battery life will become longer.
2. There are 15 channels can be selected for power LOW function. Other 7 channels will use fix power function.
   The channel as CH-1 ~ Ch-7, CH-15 ~ CH-22 can be selected for LOW power function.
   The channel as CH-8 ~ CH-14 are fixed power function.

Adjusting Speaker Volume:
1. Press the UP ▲ button to increase the Speaker Volume.
2. Press the DOWN ▼ button to decrease the Speaker Volume.
3. The Speaker Volume level is indicated by the number of bars displayed in the lower right corner of the LCD Screen.

NOTE: 1. Volume and channel change operations are disabled during BUTTON LOCK mode. Press and hold the LAMP+ button again to deactivate BUTTON LOCK mode.
2. During MENU operating, ▲/▼ button will change to other function according to MENU function.

Receiving a Signal:

The unit is continuously in the RECEIVE mode when the unit is ON and not transmitting. When you receive a signal on the current channel, the RX icon (BUSY) is displayed. (See "LCD SCREEN" for details).

During receiving mode, if you pressing PTT (PUSH to TALK) button and then the unit will change to TRANSMIT mode immediately.

Transmitting a Signal:

1. Check the channel activity by pressing and holding the MONITOR M button. You'll hear static if the channel is unoccupied. Don't TRANSMIT if someone is talking on the channel. Press and hold the PTT button to TRANSMIT. The TX LED Indicator will light up in red. Hold the unit in a vertical position with the MICROPHONE 2 to 3 inches from the mouth.
2. While holding the PTT button, speak into the unit using a normal tone of voice.
3. Release the PTT button when you have finished transmitting.

NOTE: In order for other people to receive your transmission, they must also be on the same channel you are currently using. Refer to the "Changing Channels" section for more information.

Changing Channels:

The unit has 22 channels that include 14 FRS channels and 8 GMRS channels. In addition, channels 1 - 7 are shared FRS /GMRS channels. (See CHANNEL Table on page 21 and 22 for details)

1. Press the MENU [ ] button once to enter the FRS/GMRS CHANNEL SELECTION mode. The current channel number flashes on the LCD Screen.
2. While the channel number is flashing:
   - Press the UP ▲ button to move to a higher channel.
   - Press the DOWN ▼ button to move to a lower channel.
   - Press the PTT button to confirm the channel or wait 10 seconds for the channel to be selected automatically.
3. Press the MENU button two times or the PTT button to select the desired channel and return to the NORMAL mode, or press the CALL C button to confirm the channel and TRANSMIT.
4. Channel change operations are disabled during BUTTON LOCK mode.
   NOTE: Refer to the "Channel Table" section of this Owner's Manual for detailed frequency listings.

Monitor:

You can use the MONITOR feature to check for weak signals in the current channel.

1. Press the MONITOR M button for normal monitoring.
2. Press and hold the MONITOR M button until it "beeps" for continuous monitoring. (The RX BUSY icon will display on the LCD Screen while this function is activated.)
3. Press the MONITOR M button again to deactivate the function.

Lamp+ (LAMP/LOCK button):

1. Press and immediately release the LAMP+ ☼ button to light up the LCD Screen. The BACKLIGHT will automatically shut off after 4 seconds if no other buttons have been pressed.
2. Press and hold the LAMP+ ☼ button until the BUTTON LOCK icon is displayed on the LCD Screen.
   NOTE: Volume and Channel Change Operations are disabled during BUTTON LOCK mode. Press and hold the LAMP+ ☼ button again to deactivate BUTTON LOCK mode.
   ⏻ , PTT, CALL and MON button are still function in BUTTON LOCK mode.

Channel Scan:

CHANNEL SCAN performs searches for active signals in an endless loop from 1 to 22.

1. Press and release the SCAN S button to activate CHANNEL SCAN. The channel number on the LCD Screen changes rapidly until an active signal is detected.
   During CHANNEL SCAN mode.
   - Press the SCAN S button and the channel will return to the original default channel automatically.
   - Press the CALL C button to change to CALL function and to send a CALL TONE on the original default channel.
2. When an active signal (one of 22 channels) is detected CHANNEL SCAN S pauses, keeping the active signal broadcasted.
3. Press the PTT button to communicate through the active signal channel and CHANNEL SCAN is deactivated.
   - If the active signal is the original default channel (e.g. CH-5), when the PTT button is pressed, channel (CH-5) will remain the default channel.
   - If the active signal is not the original default channel (e.g. CH-1), after the PTT button is pressed, the default channel (e.g. CH-5) will automatically change to channel (CH-1).
4. When an active signal (one of 22 channels) is detected, but another channel is desired, press the MONITOR M button to bypass the current channel and continue to search for another active channel.
5. Press the SCAN S button to deactivate CHANNEL SCAN mode.

Battery Level Indicator:

1. The BATTERY LEVEL is indicated by the number of squares present inside the BATTERY icon on the LCD Screen.
2. When the BATTERY LEVEL is low, the BATTERY icon will flash and 'beep' with three tone signal to indicate that the batteries need to be repaced.
3. Do not charge this unit using an AC/DC adapter with regular "AAA" alkaline batteries installed. Only use an optional AC/DC adapter with "AAA" Ni-MH rechargeable batteries (not included).

Sending Call Tones

You can use CALL TONES to alert the other user when you are attempting to contact them. You can also use CALL TONES to signal the beginning or the end of a transmission.

1. Press and hold the CALL C button, the red TX LED indicator will light up and the CALL TONE continues for 3 seconds.

2. Release the CALL C button, your CALL TONES will transmit to nearby receivers set to the same channel.

Dual Watch

This function allows user to monitor 2 channels at their choice
1. Press MENU button 2 times to enter Dual Watch mode.
   - Press UP ▲ button to select UP channel you want to monitor.
   - Press DOWN ▼ button to select DOWN channel you want to monitor.
   Now the Dual Watch function will scan the channel that between the 2 prefixed channel. When a carrier is heard on one of two, Dual Watch Scan will stop on the activated channel to receive. Dual Watch restarts when the carrier disppears.

   Note: During Dual Watch channel scanning, press MONITOR M button and then the channel will stop on one of Dual Watch pressing response channel to monitor weak signal 15 seconds.

2. To stop Dual Watch function, press the PTT or CALL C button.

Battery Charge Indication

During BATTERY CHARGE mode, the BATTERY indicator will keep flashing.

NOTE: Please ensure that the unit is turned OFF during BATTERY CHARGE mode.

Connecting an Adapter

In the event you wish to use the unit with rechargeable batteries (not included) you will be required to use an AC/DC adapter - Input 120 VAC 60 Hz - Output 9 VDC 100MA (not included).

● Insert 6 x 1.2V "AAA" Ni-MH rechargeable batteries (not included).

● Turn the unit OFF.

● Plug the adapter into the wall and insert the round end into the CHARGE JACK marked CHG on the top of the COMMUNICATOR.

● Unplug the adapter. Turn the unit ON. The BATTERY LEVEL INDICATOR on the LCD Screen will display the new BATTERY LEVEL.

CAUTION: Your COMMUNICATOR must have rechargeable "AAA" batteries installed before using the external AC/DC adapter.

NOTE: It takes approximately 14 hours to fully charge the batteries if they are at their lowest level.

You may order the adapter and or batteries by calling 1-800-828-5208.

External 12 DC power

You can use the external 12 DC power (optional) to operate your GMRS unit.
After plug in 12 DC power in the bottom of the unit's DC jack, your GMRS unit can be operate as normal operation status.

VOX Function

The COMMUNICATOR has a built-in Voice Activated Transmission (VOX) capability. While in the VOX mode, the COMMUNICATOR will automatically transmit and receive signals without any button being pressed. VOX operation is not recommended if you plan to use your radio in a noisy or windy environment.

To turn ON the VOX mode:

1. Press the MENU [1] button three times to enter the VOX mode;
2. While the VOX icon is flashing;
3. Press the UP ▲ button to select a higher VOX sensitivity;
4. Press the DOWN ▼ button to select a lower VOX sensitivity;
5. Press the MENU [1] button to confirm the selected mode.
6. Press the PTT or CALL C button to confirm selected VOX sensitivity and return to standby mode.

NOTE: The VOX sensitivity is indicated by the number of bars displayed in the lower right corner of the LCD Screen. When in a quiet environment we recommend setting the sensitivity to maximum (high) and when in a noisy environment, reduce the sensitivity as needed.

To turn OFF the VOX mode:

1. While the VOX icon is flashing press the DOWN ▼ button until the number of bars disappear.
2. Press the MENU [1] button to confirm the VOX OFF mode.

NOTE: Press MENU [1] button 4 times to return to volume selection mode.

Operation

To use the VOX feature:

1. While in VOX mode, plug the connector of the headset (not included) into SP/MIC jack on the top of the COMMUNICATOR and then speak through the microphone of the headset to activate TRANSMIT mode.
2. On VOX mode, user can speak with their voice through the Microphone to activate transmitting mode automatically.
3. When in the VOX mode, speaking into the headset (or loud noises in the environment) will automatically switch the COMMUNICATOR from STANDBY mode to TRANSMIT mode.
4. The TX LED indicator illuminates red when transmitting.

NOTE: The VOX mode and sensitivity are automatically activated once the connector of the headset (not included) is inserted into the SP./MIC jack of the COMMUNICATOR. Now the PTT button of the COMMUNICATOR will not have to be pressed to transmit signals.

Troubleshooting

SYMPTOM	SOLUTION
No power.	• Check batteries. Ensure that the batteries are installed properly. • The batteries may be weak. • Replace old batteries with six (6) new 1.5V "AAA" alkaline batteries or Ni-MH rechargeable batteries.
Reception is weak.	• Press the UP ▲ button to increase VOLUME. • The receiving signal may be weak and/or out of range. • If this happens, press the MONITOR M button.
Cannot change channels.	• To change channels, press the MENU button until the channel number flashes on the LCD Screen. • Press the UP ▲ or DOWN ▼ buttons to change channels. • Batteries may be weak. • BUTTON LOCK mode must be deactivated.
Range is limited.	• BATTERIES may be weak. • Replace with new batteries if the BATTERY LEVEL indicator is low. • The maximum range will vary depending on terrain and environment. • Open fields provide the maximum range, while steel/concrete structures, heavy foliage, and use in buildings and in vehicles may limit the range significantly. • Wearing the radio close to the body, such as in a pocket or on a belt, will decrease range; change the location of the radio.
Sound distortion problems.	• If you are transmitting, speak in a normal tone of voice, 2 to 3 inches away from the MICROPHONE. • If you are receiving, lower the volume to a comfortable level. • 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 5 miles in clear unobstructed conditions.

! CAUTION

Damaged ANTENNA:

Do not use any COMMUNICATOR that has a damaged ANTENNA. If a damaged ANTENNA comes in contact with the skin, a minor burn may result.

Batteries:

All batteries can cause property damage and/or bodily injury such as burns if conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

! WARNING

For Vehicles with an Air Bag:

Do not place your COMMUNICATOR in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a COMMUNICATOR is placed in the air bag deployment area and the air bag inflates, the COMMUNICATOR may be propelled with great force and cause serious injury to the occupants of vehicle.

Potentially Explosive Atmospheres:

Turn your COMMUNICATOR OFF when in any area with a potentially explosive atmosphere, unless it is a type specifically qualified for such use (for example, Factory Mutual Approved). Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Batteries:

Do not replace or charge batteries in a potentially explosive atmosphere. Contact sparking may occur while installing or removing batteries and cause an explosion.

Blasting Caps and Areas:

To avoid possible interference with blasting operations, turn your COMMUNICATOR OFF near electrical blasting caps or in a "blasting area" or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

NOTE: Areas with potentially explosive atmospheres are often, but not always, clearly marked. They include fueling areas such as below deck on boats; fuel or chemical transfer or storage facilities; areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Care and Maintenance

To clean the unit, wipe with a soft cloth dampened with water. Don't use cleaner or solvents on the unit; they can harm the case and leak inside, causing permanent damage. Battery contacts may be wiped with a dry, lint-free cloth.

If the unit gets wet, turn it OFF and remove the batteries immediately. Dry the BATTERY COMPARTMENT with a soft cloth to minimize potential water damage. Leave the cover off the BATTERY COMPARTMENT overnight or until completely dry. Do not use the unit until completely dry.

Exposure to Radio Frequency Energy:

The design of your COMMUNICATOR, which generates radio frequency (RF) electromagnetic energy (EME), complies with the following national and international standards and guidelines.

The Relevant Guidelines and Standard Are:

- FCC Report and Order FCC 96-326 (August, 1996)
- American National Standards Institute (C95-1-1992)
- National Council on Radiation Protection and Measurements (NCRP-1986)
- International Commission on Non-Ionizing Radiation Protection (ICNRP -1986)

To ensure optimal unit performance and to ensure that exposure to RF energy is within the guidelines in the above standards, the following operating procedures should be observed:

For Portable Two-way Communicators:

- When transmitting with a COMMUNICATOR, hold the COMMUNICATOR in a vertical position with its MICROPHONE 1 to 2 inches (2.5 to 5.0 cm) away from your mouth. Keep the ANTENNA at least 1 inch (2.5 cm) from your head and body.
- If you wear a COMMUNICATOR on your body, ensure that the ANTENNA is at least one inch (2.5 cm) from your body when transmitting.

Electromagnetic Interference/Compatibility:

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

- Turn your unit OFF in any facilities where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.
- Turn your unit OFF when on board an aircraft when instructed to do so. Any use of the unit must be accordance with airline regulations or crew instructions.

Channels Available	22 Channels
Battery Life	30 Hours (typical)
Range	About 5 Miles

CHANNEL TABLE

CHANNEL NUMBER	FREQUENCY (MHz)	PWR (W)
1	462.5625 (GMRS/FRS)	0.71/0.1
2	462.5875 (GMRS/FRS)	0.71/0.1
3	462.6125 (GMRS/FRS)	0.71/0.1
4	462.6375 (GMRS/FRS)	0.71/0.1
5	462.6625 (GMRS/FRS)	0.71/0.1
6	462.6875 (GMRS/FRS)	0.71/0.1
7	462.7125 (GMRS/FRS)	0.71/0.1
8	467.5625 (FRS)	0.1
9	467.5875 (FRS)	0.1
10	467.6125 (FRS)	0.1
11	467.6375 (FRS)	0.1
12	467.6625 (FRS)	0.1
13	467.6875 (FRS)	0.1
14	467.7125 (FRS)	0.1
15	462.5750 (GMRS)	0.71/0.1
16	462.6250 (GMRS)	0.71/0.1
17*	462.6750 (GMRS)	0.71/0.1
18	462.5500 (GMRS)	0.71/0.1
19	462.6000 (GMRS)	0.71/0.1
20	462.6500 (GMRS)	0.71/0.1
21	462.7000 (GMRS)	0.71/0.1
22	462.7250 (GMRS)	0.71/0.1

NOTES: 1. *GMRS emergency channel 462.6750MHz.
2. The maximum transmission range will vary depending on terrain and environment.

Use the following channel conversion chart to communicate on the same frequency with other GMRS and FRS/GMRS models.

BellSouth 22 Channel Models	Other Brands 22 Channel Models	All Brands 15 Channel Models
Ch. 1~7	Ch. 1~7	Ch. 1~7
Ch. 8~14	Ch. 8~14	See Below
Ch. 15	Ch. 16	Ch. 8
Ch. 16	Ch. 18	Ch. 9
Ch. 17	Ch. 20	Ch. 10
Ch. 18	Ch. 15	Ch. 11
Ch. 19	Ch. 17	Ch. 12
Ch. 20	Ch. 19	Ch. 13
Ch. 21	Ch. 21	Ch. 14
Ch. 22	Ch. 22	Ch. 15

* All 15 Channel GMRS units including BellSouth use the same channels.

NOTE: For your convenience it is suggested that you use Channels 1 thru 14. Operation of this model on GMRS frequencies (Channels 1-7, 15-22) requires a license from the Federal Communications Commission (FCC).

Warranty

BellSouth Products
One-Year Limited Warranty

This limited warranty sets forth all BellSouth Products responsibilities regarding your COMMUNICATOR. There are no other expressed or implied warranties from BellSouth Products.

Warranty Service Provided

If you purchased the COMMUNICATOR unit new from a retail vendor, BellSouth Products warrants the equipment against defects in material and workmanship for a period of one (1) year from the original date of purchase. This warranty is in lieu of all other express warranties. This warranty begins when you purchase the COMMUNICATOR unit and continues for one (1) year unless you sell or rent the unit, in which case the warranty stops.

BellSouth Products disclaims any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose, as of the date of one year from your original purchase of the COMMUNICATOR unit. BellSouth Products assumes no responsibility for any special, incidental, or consequential damages.

This warranty gives you specific legal rights and you may have other rights which vary from state to state. Some states do not allow the exclusion or limitations of special, incidental or consequential damages or limitations on how long a warranty lasts, so the above exclusion or limitation may not apply to you.

Warranty Service Not Provided

This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification, or the affixing of any attachment not provided by BellSouth Products with the COMMUNICATOR unit, and/or loss of parts. This warranty is voided in the event any unauthorized person opens, alters, or repairs the unit.

All BellSouth equipment being returned for repair must be suitably packaged.

BellSouth Products does not warrant that this equipment is compatible with the type of accessory of any particular communicator company or the services provided by it.

23

Warranty

What To Do for Warranty Service
During the first thirty (30) days, a defective product is eligible for over-the-counter exchange at the retailer from whom it was purchased. After thirty (30) days, the defective product should be returned to the authorized service center. The shipping address of the authorized service center is:

U.S. Electronics CONSUMER CENTER
C/O Southern Bonded Warehouse
7137 Southlake Parkway
Morrow, GA 30260

Website - www.uselectronics.info

Your unit will be repaired or replaced if examination by the service center determines the unit is defective.

A COMMUNICATOR unit received damaged as a result of shipping will require you to file a claim with the carrier to cover repair costs.

A COMMUNICATOR unit received with missing parts or with damage due to abuse, inadequate packing, or some other noncompliance with this limited warranty will be returned to you C.O.D., freight collect.

NOTE: A COMMUNICATOR unit received which was not made for BellSouth Products or which is not defective as determined by our test procedures will not be repaired and will be returned to you C.O.D., freight collect.

To Obtain Warranty Service
• Provide proof of the date of purchase within the package.
• Prepay all shipping costs to the authorized service center.
• Include a return shipping address within the package.
Please retain your sales receipt, the carton, the packing materials, and the printed material. The original carton is the best shipping container for the COMMUNICATOR unit should you have to return it.

For your reference:

Model Number _____

Date of Purchase _____

Name of Dealer _____

Customer Service Telephone Number:
1-800-864-2199

24

Licensing Information

Channels 1 thru 7 & Channels 15 thru 22 transmit on GMRS frequencies.
Operation on GMRS frequencies requires a license from the Federal Communications Commission (FCC).

Information regarding an application for your license can be obtained as follows if you intend to use the GMRS channels:

Website - http://wireless.fcc.gov/prs/genmbl.html

Tel.: 1-800-418-3676

GMRS Licensing Information

Before any station transmits on any channel authorized in the GMRS from any point within or over the territorial limits of any area where radio services are regulated by the FCC, the responsible party must obtain a license for a GMRS system. An individual 18 years of age or older, who is not a representative of a foreign government, is eligible to apply for a GMRS system license.

Application for a GMRS system license is made on FCC Form 605 and you can obtain a copy from the FCC's Website: http://www.fcc.gov/formpage.html or by calling the FCC's Forms Distribution Center 1-800-418-FORM (3676), or from the fax-on-demand by dialing (202) 418-0177.

There is a filing fee. For information on fees, see the FCC's Website:

http://wireless.fcc.gov/csinfo/feeinfo.html