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

* No license required
* No age limit
* Compact size
* Affordable price
* Operation easily
* Built-in pager

* Clear sound
* Up to 2 miles talking range
* Belt clip attachment
* Keep in touch with family and friends

INTRODUCTION

FRS-500 is a lightweight, portable radio that you can carry around easily. It is only a palm-size instrument that fits in anywhere, such as backpack, purse or even your pocket. It communicates up to 2 miles range (depending on the terrain and conditions). While at the shopping malls and amusement parks, it is ideal for family and friends to stay in contact with one another at no extra costs. Moreover, FRS-500 will make sure that others can reach you, whether you are out biking, hiking, camping, fishing, skiing, boating, car racing or hunting. You can talk with another person who has FRS radio set to the same frequency as yours.

FRS-500 also has auto-squelch function, which means that you will not hear anything on the channel unless someone is transmitting on the same channel nearby. However, you can turn off auto-squelch to hear weaker, distant transmissions by pressing the MONI button.

The supplied belt clip also allows you to carry your radio anywhere.

SPECIFICATIONS

Description	Specs
Dimensions (HWD)	111 x 60 x 31 mm
Channel	14 channels
Operating Frequency	462 ~ 467 MHz
Talk range	Up to 2 Miles range
Power / watts	500 mW
Power Source	4 x "AAA" (Not included)
Operational Status Indication	LCD Display
Voice Activation (VOX)	Capability
Licensing	No License required.
Carry Accessory	Belt Clip included, others are sold separately.
Operating Voltage	4.5~6.0V

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user s authority to operate the equipment.

INSTALLING BATTERIES

Your radio uses 4 "AAA" batteries per unit for power. We recommend alkaline batteries.

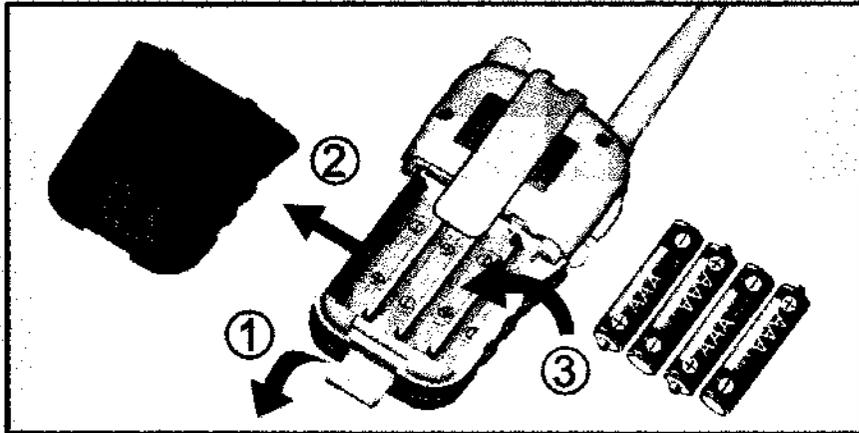**NOTE:** You can also use rechargeable batteries in the radio.

Be sure the radio is off, then push backward the battery door and open the battery compartment. Lift up the bottom of the cover to remove the battery door.

Install the batteries by matching the polarity symbols (+ and -) inside the compartment. Replace the cover and push forward the battery door.

PRECAUTION:

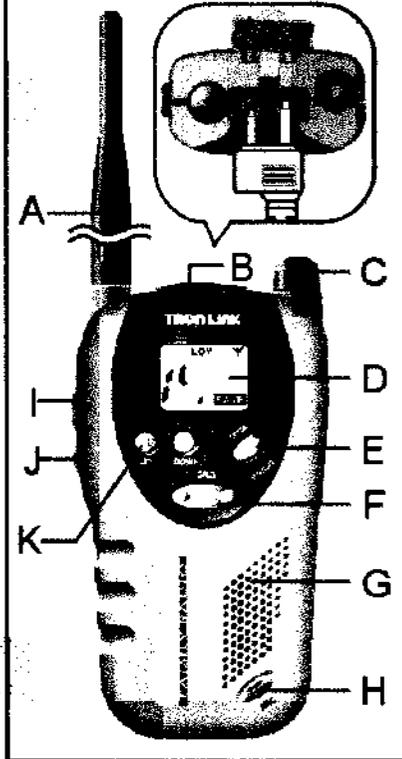Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

The FRS-500's range decreases as the battery power decreases. To ensure maximum range, keep fresh batteries installed in the radio.

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	

USING THE FRS-500

A. Flexible Antenna
B. Mic/Spkr
C. Volume
D. LCD Display
E. ON/OFF/Lock
F. Call Button
G. Speaker
H. Microphone
I. Push-To-Talk Button
J. Monitor Button
K. Down/Up Button

Please press ON / OFF / LOCK button to turn the FRS-500 on.

Note: The ON / OFF / LOCK button has two features, one is ON/OFF function to turn ON/OFF the radio and the other is LOCK function to lock the channel as you selected. The functions of PTT, MONI and CALL buttons are still able to operate.

LCD DISPLAY:

LOW: When the LOW sign appears on the LCD, you need to replace batteries in order to avoid malfunction or defect radio performance.

SAVE: The SAVE sign will appear on the LCD to indicate that the radio is automatically switched to low-power saving mode when the unit is not in use for around 8 seconds.

ANTENNA (Ψ): When you receive the message in normal time, the Antenna mark (Ψ) will keep on blinking.

LOCK (☞): The KEY mark (☞) will be appeared on the LCD when you press and release ON/OFF LOCK button for locking the channel as you selected.
NOTE: When using the function, be ware of that not to hold for more than 2 seconds, otherwise the radio will turn off.

Printed In China

TURNING KNOB WITH VOLUME CONTROL:
Rotate knob to adjust the volume.

DOWN/UP BUTTON: You can press either one of these two buttons for the desired channel.

"DOWN" button is counting down the channel as you want. "UP" button is counting up the channel as you want.

CALL BUTTON: You can send a paging tone to all radios that are tuned to the same FRS channel as yours. The Antenna mark (Y) as appeared on the LCD will keep on blinking.

ON/OFF/LOCK: To turn the FRS-500 on, press the ON/OFF/LOCK button, the FRS-500 beeps and LCD flashes to indicate FRS-500 is on. To turn the FRS-500 off, hold down the ON/OFF/LOCK button for 2 seconds, the FRS-500 will beep to confirm off.

While the FRS-500 is on, you may press this button to lock the channel as you selected and the KEY mark (●━) will appear on the LCD. The functions of PTT, MONI and CALL buttons are still able to operate.

PTT BUTTON: To talk, hold down PTT (Push-To-Talk) and the Antenna mark (Y) as appeared on the LCD will keep on blinking. Speak clearly into the microphone and release PTT when finished speaking. When you release this button, the receptor will hear "BE, BE" sound as a talk confirmation tone to indicate the completion of the transmission, so other person knows it is clear to talk.

When you receive the message in normal time, the Antenna mark (Y) will appear on the LCD and keep on blinking. Also, when you are not receiving any message, the Antenna mark (Y) will not appear on LCD.

MONITOR BUTTON: To hear everything on a channel, including weak transmission, simply hold down MONI. Release the MONI to turn auto-squelch back on.

AUTO-SQUELCH: You will not hear anything on the channel unless someone in transmitting on the same channel nearby. However, you can turn off auto-squelch to hear weaker, distant transmissions by pressing the MONI button.

External Microphone/Speaker Jack: The FRS-500 can be fitted with an external microphone/speaker (not included) freeing your hands for other tasks.

To attach the external microphone/speaker, please open the Mic/Spkr tab on top of unit and insert jack into the Mic/Spkr ports.

ATTACHING BELT CLIP

Slide the belt clip onto the tab located on the back of the radio. Then slide the belt clip over your belt

To remove the belt clip, pull the belt snap up and slide off.

OPERATION

1. To start using your radio, insert 4 "AAA" batteries into the battery compartment, noting polarities.
2. To turn the FRS-500 on, press the ON/OFF/LOCK button, the FRS-500 beeps and LCD flashes to indicate FRS-500 is on.
3. To turn the FRS-500 off, hold down the ON/OFF/LOCK button for 2 seconds, the FRS-500 will beep to confirm off.
4. Press MONI to hear the volume level, by rotating the volume knob for a normal listening level.
5. To set the same channel as the one you may want to talk to, by pressing **UP** or **DOWN** button, the person who has radio set to the same channel can communicate with you.
6. To talk, press and hold PTT button.
7. To receive, simply release the PTT (Push-To-Talk) button.

FEATURES FOR FRS-500

1. Auto power Saving: FRS-500 radio will be in auto power

saving mode at all time after stop using for around 8 seconds.

2. Talk confirmation Tone: When you release PTT button after finish talking, the other person will hear" BE, BE"sound to indicate the completion of transmission so other person knows it is clear to talk.

3. Up to two-mile range: FRS-500 has a full 500 mW output power, provided up to two-mile talking range (depending on the terrain).

4. Time-Out Timer: To prevent pressing PTT (Push-To-Talk) button by accident, transmission stops after 60 continuous seconds for power saving purpose.

5. Compatible with other FRS Radios: Radios operating on the same frequency can communicate with each other. FRS-500 is compatible with other FRS Radios at the same frequency or the same channel.

LIMITED WARRANTY

We warrant the enclosed product against defects in material and workmanship under normal use for a period of 180 days after delivery to the ultimate user and will repair free of charge or replace at no charge with dated proof of purchase. This warranty does not cover defects or damage resulting from: misuse, improper operation, unauthorized modification, liquid, batteries, or normal wear and tear.

CARING FOR OUR FRS-500

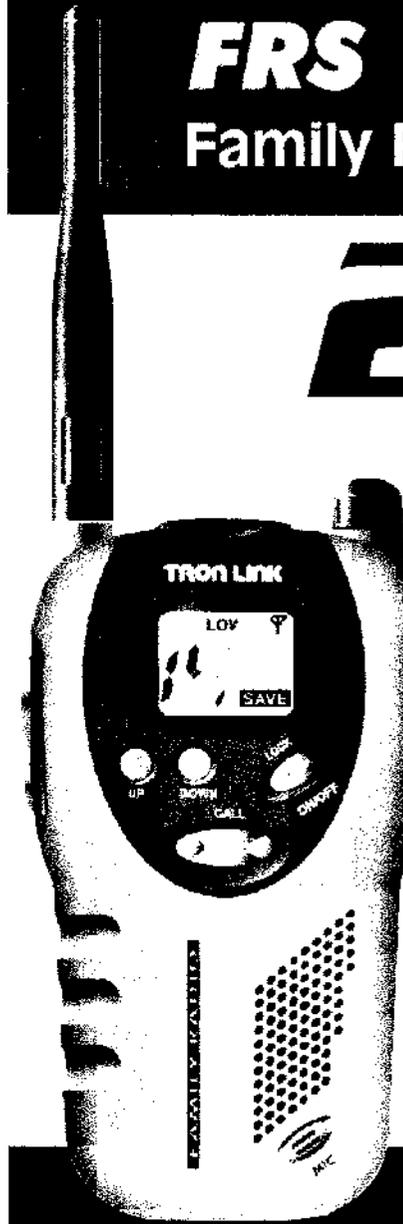The FRS-500 will provide years of service under properly care.

Here are some suggestions:
1. Keep away from dust.
2. Handle unit gently.
3. Avoid exposure to extreme temperatures.
4. Never place the unit in water or in moist place.

FRS
Family Radio Service

2 WAVE RADIO

TRON LINK

LOV

SAVE

LOC

UP DOWN ON/OFF

CALL

FAMILY RADIOS

MIC

TRONLINK

FRS-500