

**EAGLETRON**

**FRS-168**

**NEW FRS "FAMILY RADIO SERVICE"  
WITH 14 CHANNEL**

**PROFESSIONAL FEATURES:**

SCAN, MONITORING,  
POWER SAVE CIRCUIT,  
BACK-LIGHTED LCD DISPLAY,  
AUTO-SQUELCH,  
TRADITIONAL VOLUME CONTROL,

**POWERED BY 4XAAA BATTERIES**

**FRS-168**

Your Eagletron model FRS-168 brings the new FRS to your family. The Family Radio Service is provided for by the FCC and is totally licensed free.

The FRS-168 using maximum allowable power and a highly efficient antenna system can provide range up to 2-miles. Thank of the convenient and safety this slim-size of radio walkie-talkie can provide to your family, friend, or business associates. Use for fishing, hunting, picnics, biking, business, or any other activity where communications are needed for convenience or safety. The model FRS-168 incorporates all 14 channels will allow you to hear only transmissions that are on the same channel you are using. Also this radio offers scan with busy channel by pass or delete, power save, auto-squelch, and a multifunction back-lighted liquid crystal display.

Due to the band of operation (462.5625-467.6625MHz) the FRS168 can provide communication that are virtually free of atmospheric interference that is common on lower frequency bands. Along with this and on antenna system that is very efficient as compared to other unlicensed radio bands, communications range is surprisingly good. Many times the limit to maximum possible range are environmental factors such as blockage caused by trees, building, hills, or other obstructions. If you find communication is not possible, many times this can be overcome by moving only a few feet to a new location. Range is greatly reduced while operating in a vehicle or metal building. Battery condition also affects range. The FRS-168 operates on standard batteries of 4xAAA batteries.

**NOTE:** Do not leave batteries installed over a long period of time as leakage may occur which can destroy the radio.

*To: ITS - CARMAN  
From: Eagletron - Kalai*

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**Warning:** Adjustment to this unit or replacement of any transmitter component (crystal, semiconductor, etc.) to this unit that could result in a violation of the rules.

**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 needed.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

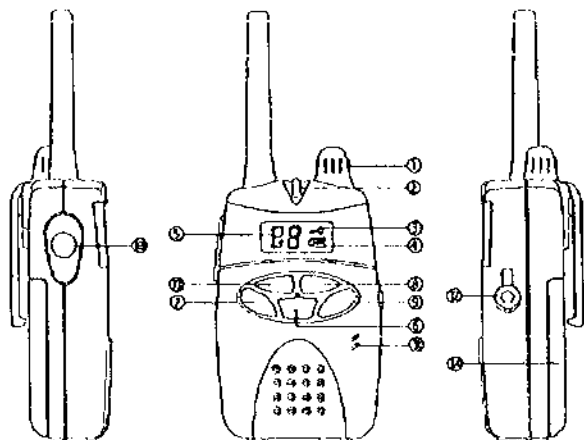
**SAFETY INFORMATION**

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 headset 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.

## INSTRUCTIONS TO USE



## 1. "On/Off" Volume Control

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

## 2. Red LED

This LED flashes to indicate the unit in the "stand-by" mode after the volume control switch is turned on. When PTT is pressed, this LED will stand on permanently to show the TX operation.

## 3. "Lock" Icon

This icon appears to indicate the channel is locked. When "Mode" is pressed, this icon disappears and the channel can be selected by pressing "Up" or "Down" button.

## 4. "Batteries" Icon

The icon appears to indicate the battery condition in the unit. When this icon with three bars, it means the batteries are full of charge. When the icon is empty and flashing, the battery is low and needs replacing.

## 5. "Channel" Icon

The channel number on LCD display indicates the number to be selected. The channel numbers 01 through 14 are displayed when in normal operation. The number frequencies are:

01=462.5625	5=462.6625	9=467.5875	3=467.6875
02=462.5875	6=462.6875	0=467.6125	4=467.7125
03=462.6125	7=462.7125	1=467.6375	
04=462.6375	8=467.5625	2=467.6625	

## 6. "Mode" Button

During non-scan operation pressing this button "Mode" button for about 0.5 sec. you will hear beep sound and then "Channel" number will flash for channel select. Then press each of the "Down" or "Up" button for desired channel and code. Press this "Mode" button will stop this operation.

## 7. "Up" Button

After "Mode" is pressed, pressing this button of "Up" for channel select. Press and hold this button will automatically increase the channel number.

## 8. "Down" Button

After "Mode" is pressed, pressing this button of "Down" for channel select. Press and hold this button will automatically decrease the channel number.

## 9. "Page" Button

Press and hold this button for about 0.2 second until you hear "Beep" sound. The unit is in the mode of "Page" condition. In this operation, the other unit is being triggered and it will sound the calling tones continuously for 2 seconds.

## 10. "Mon/Scan" Button

Press and hold this button for about 0.3 sec. you will hear a beep sound and then release this button. The unit is entering the mode of "monitor" condition. Press this button again, the monitor function is turned off.

Press and hold this button for about 1 sec. you will hear "beep" and "beep" sound twice. The unit is in the mode of "Scan" condition. In this operation, if the channel is used, the search will stop at that channel. Press the "Scan" button again, the scan function will continue to search for next channel used. Press this button during scanning operation, the scan function will stop and go back to the original channel number position.

## 11. "PTT" button

Press and hold this button to enable in the transmit mode. You can talk into microphone for sending. Release this button to back to the receive mode.

## 12. "Earphone / Microphone" Jack (Option)

Use to connect an external earphone and microphone headset.

## 13. "Battery Door"

This door is removed for replacing standard batteries. (4XAAA alkaline batteries ).

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