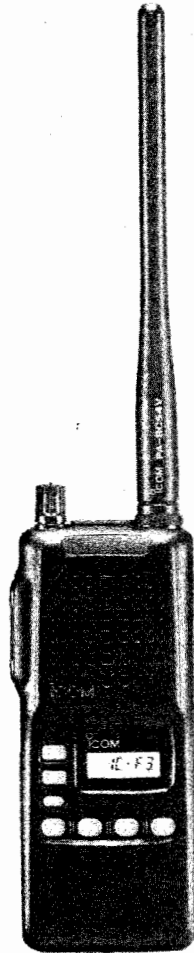


**ICOM IC-F3/S MURS (Multi Use Radio Service)
Feather River Rail Society**



USER GUIDE

ICOM IC-F3/S MURS (Multi-Use Radio Service) Feather River Rail Society

The Feather River Rail Society has 20 ICOM VHF portable radios set up to be used for events and off-site events that may require communications between members, staff and volunteers.

These radios are governed by the Federal Communications Commission Rules and Regulations. (FCC)

The Multi-Use Radio Service (MURS) is in the 151 – 154 MHz spectrum range. The most common use of MURS spectrum is short-distance, two-way communications using small, portable hand-held devices that function similar to walkie-talkies.

Background

The Multi-Use Radio Service (MURS) dates back to 2002 when the FCC changed the service rules for five industrial/business frequencies known as the “color dot” frequencies from Part 90 to Part 95 of the FCC rules and regulations.

Licensing

The Multi-Use Radio Service (MURS) is licensed by rule. This means an individual license is not required to operate a MURS device. You can operate a MURS device regardless of your age and for personal or business use so long as you are not a representative of a foreign government.

The FCC service rules for the Multi-Use Radio Service (MURS) are located in 47 C.F.R. Part 95.

It is the responsibility of all persons who operate FRRS radios to have read, be familiar with and utilize these procedures. In any two-way radio system it is absolutely essential that each person using the system recognize that many people must also use the same frequencies (channels). Therefore, it is necessary to practice the policy of “Listen Before You Talk”. This is also a requirement of the Federal Communications Commission (FCC).

Radio transmissions are not private conversations. Everything that is transmitted on the base, portable and mobile radios might be heard by other persons monitoring the channel.

All radio transmissions during an emergency event shall be limited to immediate life and safety communications, (calls for assistance, calls for 911 services) **no discussion of the actual emergency event shall be transmitted over the radio.**

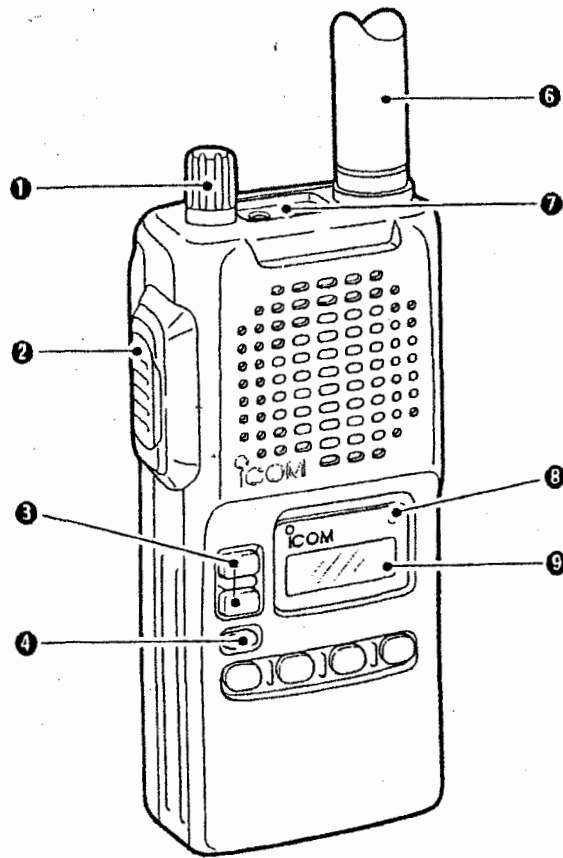
Therefore use discretion in transmitting any message on the radio channels during any event or operation.

Communications prohibited by the FCC.

- Profane, indecent or obscene language.
- Malicious interference with any other radio transmission.
- Unnecessary or unidentified transmission.

Violations of this procedure will result in disciplinary actions.

The following pages are the operating instructions.



1) VOLUME CONTROL [OFF/VOL]

Turns power ON and adjusts the audio level.

2) PTT SWITCH [PTT]

Push and hold to transmit; release to receive.

3) UP/DOWN KEYS

Push to select the operating channel.

4) Display Lamp Switch

Turns on Display Light

6) ANTENNA CONNECTOR

Connects the supplied antenna.

7) [SP]/[MIC] JACK

Connect optional speaker-microphone.

8) ACTIVITY LED

Lights red while transmitting.

9) FUNCTION DISPLAY

Displays the following the information:

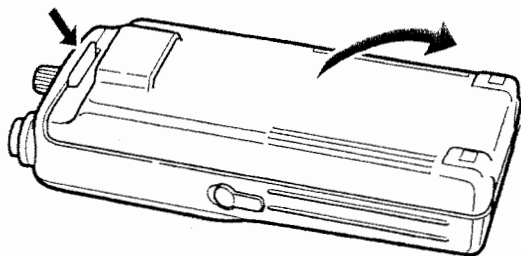
- CH number.
- Low-battery indication.

■ Battery pack replacement

Before replacing the battery pack, the volume control **MUST** be rotated fully counterclockwise, until a click is heard, to turn the power OFF.

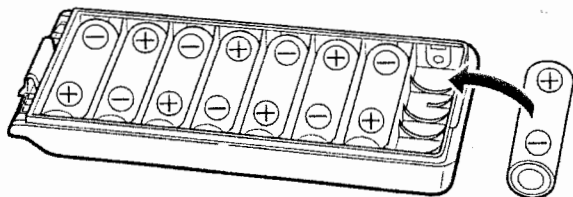
•**TO REMOVE** the battery pack from the transceiver:
Push and hold the battery release downwards, then pull the battery pack upwards with the transceiver facing you.

•**TO ATTACH** the battery pack to the transceiver:
Mate the notched ends of the battery pack and the transceiver, and push the battery pack until it clicks into place.



■ Battery case

When using an optional BP-194 BATTERY CASE attached to the transceiver, install 8 AA (R6) size alkaline or Ni-Cd batteries as illustrated below.



■ Battery cautions

NEVER incinerate used battery packs. Internal battery gas may cause an explosion.

NEVER immerse the battery pack in water. If the battery pack becomes wet, be sure to wipe it dry **BEFORE** attaching it to the transceiver.

NEVER short terminals of the battery pack. Also, current may flow into nearby metal objects so be careful when placing battery packs in handbags, etc.

If your battery pack seems to have no capacity even after being charged, completely discharge it by leaving the power ON overnight. Then, fully charge the battery pack again. If the battery pack still does not retain a charge (or very little), a new battery pack must be purchased.

◇ Recycling information (U.S.A. only)



The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Call 1-800-8-BATTERY for battery recycling options in your area or contact your dealer.

◇ Battery case cautions

When installing Ni-Cd batteries:

- **Make sure** all Ni-Cd cells are the same brand, type and capacity.
- **Never** mix old and new batteries.
Either of the above may cause a fire hazard or damage the transceiver.

When installing dry cell or alkaline batteries:

- **Never** connect DC power to the transceiver. Such a connection always charges the installed batteries and will damage the transceiver.

For both Ni-Cd and dry cell batteries:

- **Never** incinerate used battery cells since internal battery gas may cause them to rupture.
- **Never** expose a detached battery case to water.
If the battery case gets wet, be sure to wipe it dry before using.