

FRS FLATWARE DETECTOR OPERATING INSTRUCTIONS



To activate the FRS Detector:

1. Insert key into On/Off key lock switch, and rotate clockwise $\frac{1}{4}$ turn to the "On" position. **Allow 30 seconds for the unit to self calibrate.** The Green "On" LED will illuminate. **Caution: Do Not Force key passed $\frac{1}{4}$ turn.**
2. Adjust the alarm volume with same key rotating it to desired volume level. Clockwise to increase counterclockwise to decrease. Volume adjusts from zero/mute to loud. (approximately. 55 decibels). **Caution: Do Not Force Past The Stops.**
3. When metal is detected the audio alarm will sound and the counter will display number of detections. The Red "Detection" LED also will light whenever metal is detected; this is helpful when the volume is at its minimum setting.



Caution: Never immerse in water or spray water at or into the Detector unit. This will damage the electronics and void the warranty. To clean use a slightly damp cloth.



Charging the FRS Detector.

Insert charger unit round plug into receptacle located on underside of unit. Then plug the other end into any wall outlet. **Initial charge time for the FRS Detector should be for a period of 12 hours.** This is important as the Ni-MH battery pack does have a memory.



FRS Tuning and Battery Replacement:

To replace the FRS battery pack, loosen the two battery cover screws and remove cover plate. Pull blue fabric ribbon to raise battery from compartment. Unplug battery connection wires. Replace with only original FRS factory Ni-MH battery pack.

FRS Detector Tuning:

To tune the FRS Detector place a small Phillips screwdriver into tuning screw located in the bottom center of the battery compartment. With the FRS Detector powered on. **For less sensitivity:** Drop a $\frac{1}{4}$ " x 2" long metal object (a bolt) through center of detector opening. If FRS alarm sounds rotate tuning screw counter clockwise until it stops. **For more sensitivity:** If the FRS Detector alarm does not sound when $\frac{1}{4}$ " x 2" long metal object is dropped through the center of the detector opening then rotate tuning screw clockwise until alarm sounds. **Caution: Do Not Force plastic tuning screw. Normally max detect strength offers best detection results.**



Once tuning is performed (or in case of battery pack replacement) carefully insert battery pack making certain battery wires are pulled upwards to *right center* side of battery (when facing front of FRS) and place battery pull ribbon under battery for future removal. Careful not to force battery into compartment as this may result in damage to battery wires. Battery wires should fold neatly on top of battery allowing battery compartment cover to lay flat as screws are tightened.