

SAFETY TRAINING INFORMATION



Your Life-line radio generates RF electromagnetic energy during transmit mode. This radio is designed for and classified as "Occupational Use Only", meaning it must be used only during the course of employment by individuals aware of the hazards, and the ways to minimize such hazards. This radio is NOT intended for use by the "General Population" in an uncontrolled environment.

The Portable Safety Monitor (PSM) has been tested and complies with the FCC RF exposure limits for "Occupational Use Only." In addition, your PSM radio complies with the following Standards and Guidelines with regard to RF energy and electromagnetic energy levels and evaluation of such levels for exposure to humans:

- FCC OET Bulletin 65 Edition 97-01 Supplement C, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.
- American National Standards Institute (C95.1 – 1992), IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.
- American National Standards Institute (C95.3 – 1992), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields – RF and Microwave.

A To ensure that your exposure to RF electromagnetic energy is within the FCC allowable limits for occupational use, always adhere to the following guidelines:

- **DO NOT** operate the PSM without a proper antenna attached, as this may damage the radio and may also cause you to exceed FCC RF exposure limits. A proper antenna is the antenna supplied with the PSM by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio.
- **DO NOT** transmit for more than 50% of total radio use time ("50% duty cycle") by continuously issuing voice requests. Transmitting more than 50% of the time can cause FCC RF exposure compliance requirements to be exceeded. The PSM will automatically limit this cycle through its transmitter time out timer. You can cause the radio to transmit by pressing the "PTT" switch.
- **ALWAYS** use Safe Environment Engineering authorized accessories (antennas, batteries, belt clips, speaker/mics, etc). Use of unauthorized accessories can cause the FCC RF exposure compliance requirements to be exceeded. Some authorized accessories may bear the Motorola name.


- **ALWAYS** keep the PSM antenna at least 2 cm (0.8 inches) away from the body when transmitting and only use the Safe Environment Engineering/Motorola belt-clips when attaching the PSM to your belt, etc., to ensure FCC RF exposure compliance requirements are not exceeded. To provide the recipients of your transmission the best sound quality, hold the antenna at least 2 cm (0.8 inches) from mouth, and slightly off to one side.

The information listed above provides the user with the information needed to make him or her aware of RF exposure, and what to do to assure that this radio operates within the FCC RF exposure limits of this radio.


Electromagnetic Interference/Compatibility

During transmissions, your PSM radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, do not use the PSM in areas where signs are posted to do so. **DO NOT** operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals or blasting sites.

IMPORTANT

 **CAUTION! NEVER** hold the transceiver so that the antenna is very close to, or touching exposed parts of the body, especially the face or eyes, while transmitting. The transceiver will perform best if the microphone is 2 to 4 in. (5 to 10 cm) away from the lips and the transceiver is vertical.

 **CAUTION! NEVER** operate the transceiver with a headset or other audio accessories at high volume levels.

 **CAUTION! NEVER** short the terminals of the battery pack.

DO NOT push the PTT when not actually desiring to transmit.

AVOID using or placing the transceiver in direct sunlight or in areas with temperatures below +14°F (-10°C) or above +122°F (+50°C).

DO NOT modify the transceiver for any reason.

KEEP the PSM out of heavy rain and **Never** immerse it in liquid. The transceiver construction is **water resistant**, not water proof. The use of non-Motorola battery packs/chargers may impair transceiver performance and invalidate the warranty.

FCC Caution: Changes or modifications to this transceiver, not expressly approved by Safe Environment Engineering could void your authority to operate this transceiver under FCC regulations.