

Safety and Training Information



Important Warning

Your **Smart Communications** radio when in the transmit mode will generate high levels of RF electromagnetic energy. This radio is NOT intended for use by the “General Population”. It has been designed for and classified as “Occupational Use Only”, which means it must be used only during the course of employment by individuals that are aware of the hazards, and the ways to minimize such hazards.

This radio has been tested and complies with the FCC RF exposure limits for “Occupational Use Only”. This means that your Smart Communications professional 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 Edition 01-01, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.
- American National Standards Institute (C65.1-1992), 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.
- The accessories (antennas, batteries, belt clips, speaker-microphone, etc. that is listed in this manual are authorized for use with this product. Use of accessories other than those specified may result in RF exposure exceeding the FCC requirements for electromagnetic exposure.



Minimize Your Exposure

To minimize your exposure to RF Electromagnetic energy and ensure that it is within the FCC allowable limits for occupational use, always adhere to the following guidelines:

- **DO NOT** operate the radio without a proper antenna attached, as this may damage the radio but may also cause you to be exposed to excess RF exposure. The proper antenna is the antenna supplied with this radio by the manufacturer of an antenna specifically authorized by the manufacturer for use with this radio.
- **DO NOT** transmit for more than 50% of the total radio use time (a “50% duty cycle”). Transmitting more than 50% of the time can cause FCC RF exposure compliance requirements to be exceeded. The radio is transmitting when the TX indicator on the top of the radio lights red. You can cause the radio to transmit by pressing the “PTT” switch either on the radio body or on the speaker microphone.
- **ALWAYS KEEP** the antenna at least one inch (2.5 cm) away from the body when transmitting and only use the Smart Communications belt clips listed in this manual when attaching the radio 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 radio at least two inches (5 cm) from your mouth, with the antenna slightly off the one side.

The information listed above should be reviewed at a regular interval to insure the user is aware of RF exposure and what to do to assure that this radio is operated within the FCC RF exposure limits.