

FCC RF Exposure Compliance Requirements -for Occupational Use Only

The Federal Communications Commission (FCC), with its action in General Docket 93-62, November 7, 1997, has adopted a safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated equipment. Topaz3 / Maxon subscribes to the same safety standard for the use of its products. Proper operation of this radio will result in user exposure far below the Occupational Safety and Health Act (OSHA) and Federal Communications Commission limits. Antennas used for this transmitter must not exceed an antenna gain of 0 dBd. The radio must be used in vehicle-mount configurations with a maximum operating duty factor not exceeding 50%, in typical push-to-talk configurations. This radio is NOT approved for use by the general population in an uncontrolled environment. This radio is restricted to occupational use, work related operations only where radio operator must have the knowledge to control the exposure conditions of its passengers and bystanders by maintaining the minimum separation distance of 35.56 inches (90 cm.) between any persons and the antenna. Failure to observe these restrictions will result in exceeding the FCC RF exposure limits.

CAUTION - DO NOT transmit for more than 50% of total radio use time (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" icon on the radio display is illuminated. You can cause the radio to transmit by pressing the P-T-T button on the radio's microphone.

CAUTION - DO NOT operate the transmitter of ML3215, ML3245 mobile radios when someone (bystanders) outside the vehicle is within 3 feet (1.0 meters) of the antenna.

Antenna installation must be limited to the center of the roof-top of a vehicle where the passengers are below the metallic ground plane (roof-top) to ensure compliance.

NOTE: This radio operates in FCC regulated frequency bands.

All radios must be licensed by the FCC before use. Because this radio contains a transmitter, Federal law prohibits unauthorized use or adjustments of this radio.

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

WARNING - Frequency band 406 - 406.1 MHz is reserved for use **ONLY** as a distress beacon by the US Coast Guard and NOAA. Under no circumstance should this frequency band be part of the pre-programmed operating frequencies of this radio.

Safety

CAUTION - DO NOT operate the transmitter of any radio unless all RF connectors are secure and any open connectors are properly terminated.

CAUTION - DO NOT operate the radio near electrical blasting caps or in an explosive atmosphere.

CAUTION - All equipment must be properly grounded for safe operation.

WARNING - DO NOT allow children to operate transmitter - equipped radio equipment.

WARNING - All equipment should be serviced by a qualified technician.

WARNING - It is mandatory that radio installations in vehicles fueled by liquefied petroleum gas conform to the following standard: National Fire Protection Association Standard NFPA 58 applies to radio installations in vehicles fueled by liquefied petroleum (LP) gas with LP gas container in the trunk or other sealed-off space within the interior of the vehicle. This standard requires that:

1. Any space containing radio equipment shall be isolated by a seal from the space in which the LP gas container and its fittings are located.
2. Remote (outside) filling connections shall be vented to the outside.