

**Note:**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**WARNING:**

Changes or modifications not expressly approved by Futurecom Systems Group Inc. could void the user's authority to operate the equipment.

RF EXPOSURE**WARNING:**

To Satisfy FCC/IC RF exposure requirements for mobile transmitting devices, a separation distance of 56cm or more should be maintained between the antenna of this device and persons during service operation. To ensure compliance, operations at closer than this distance is not allowed.

The antenna for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

**RADIO OPERATOR WARNING:**

Futurecom requires the MOBEXCOM Repeater operator to meet FCC Requirements for Radio Frequency Exposure. The minimum distance between all possible personnel and an omnidirectional antenna with gain not greater than 0dBd = 2.15 dBi must be at least 56cm (approximately 22”).

Do not transmit with the MOBEXCOM repeater when persons are within the Maximum Permissible Exposure (MPE) distance of 56cm from the antenna, unless such persons (such as driver or Repeater operator) are shielded from antenna by a grounded metal barrier. The MPE distance is the minimum required distance between the antenna and a person to avoid RF exposure higher than the MPE level allowed by FCC.

FAILURE TO OBSERVE THE MPE DISTANCE EXCLUSION AREA AROUND THE ANTENNA MAY ALLOW THOSE WITHIN THIS AREA TO EXPERIENCE RF RADIATION ABSORPTION WHICH EXCEEDS THE FCC SET MPE LIMIT.

IT IS THE RESPONSIBILITY OF THE REPEATER OPERATOR TO ENSURE THAT MPE LIMITS ARE OBSERVED AT ALL TIMES DURING REPEATER TRANSMISSIONS. THE REPEATER OPERATOR MUST ENSURE AT ALL TIMES THAT NO PERSON COMES WITHIN MPE DISTANCE FROM THE ANTENNA.

**WARNING:**

The MOBEXCOM Repeater must be restricted to occupational use only to satisfy FCC RF exposure compliance.

ANTENNA INSTALLATION LOCATION



IMPORTANT:

The maximum allowed gain of the omnidirectional antenna for the MOBEXCOM Repeater is 0dBd (dipole) = 2.15 dBi. The antenna for the MOBEXCOM Repeater must be mounted on a vehicle in such a way that no person can come closer than 56cm to the antenna. A centre of the vehicle roof is the recommended location. (The width of a typical passenger car is about 130cm. This should guarantee at least 65cm distance between the antenna and people standing beside the car. The grounded metal car roof shields the Repeater operator.)

OCCUPATIONAL CONTROL USE WARNING LABEL INSTALLATION LOCATION



IMPORTANT:

The occupational Control Use Warning Label must be affixed in the vehicle beside the mobile radio control head. The label must be in the direct view of the Repeater operator. The label is supplied with the MOBEXCOM Repeater.

FCC LABEL

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference and
- (2) this device must accept any interference received, including interference that may cause undesired operation.