



## "RF Energy Exposure and Product Safety Guide for Mobile Two-Way Radios Installed in Vehicles, Vessels or as Fixed Site Control Stations" revision leaflet

### ATTENTION!

BEFORE USING THIS RADIO, READ THIS LEAFLET WHICH CONTAINS IMPORTANT OPERATING INSTRUCTIONS FOR SAFE USAGE & RF ENERGY AWARENESS & CONTROL INFORMATION FOR COMPLIANCE WITH RF ENERGY EXPOSURE LIMITS IN APPLICABLE NATIONAL & INTERNATIONAL STANDARDS.

For additional information on exposure requirements and training information, visit this link which supersedes page 7 of the current safety manual 6881095C99\_: [http://www.motorolasolutions.com/en\\_us/about/company-overview/corporate-responsibility/governance-and-policies/rf-exposure-and-assessment-standards.html](http://www.motorolasolutions.com/en_us/about/company-overview/corporate-responsibility/governance-and-policies/rf-exposure-and-assessment-standards.html)

### IMPORTANT NOTICE:

FOR **MOTORCYCLE INSTALLATIONS**, BYSTANDERS SHOULD BE KEPT AT LEAST 2 FT (60 cm) FROM THE MOTORCYCLE BODY AND INSTALLED ANTENNAS. FOR **VEHICLE INSTALLATIONS**, BYSTANDERS SHOULD BE KEPT AT LEAST 3 FT (90 cm) FROM THE VEHICLE BODY AND INSTALLED ANTENNAS. THESE REQUIREMENTS APPLY FOR ALL RADIO TRANSMIT BANDS, AT THE RESPECTIVE POWER LEVELS AS APPLICABLE FOR **MOTORCYCLE OR VEHICLE INSTALLATIONS**, AND SUPERSEDE THE INSTRUCTIONS IN TABLE 1 OF THE CURRENT SAFETY MANUAL 6881095C99\_

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English

CUT & INSERT THIS REVISION PAGE INTO YOUR  
"RF Energy Exposure and Product Safety Guide" 6881095C99\_  
THAT WAS INCLUDED INSIDE THE MOBILE RADIO BOX.

CUT & INSERT THIS REVISION PAGE INTO A PRINTOUT OF  
"APX 8500 INSTALLATION MANUAL" MN003109A01\_  
THAT IS ONLY AVAILABLE ONLINE OR INSIDE THE CDROM.



PMLN7687A



### IMPORTANT NOTICE REGARDING INSTALLATION MANUAL

- **Chapter:** Standard Configurations Antenna Installation, Selecting an Antenna Site/Location on a Metal Body Vehicle:  
"IN ORDER TO COMPLY WITH THE FEDERAL COMMUNICATIONS COMMISSION REQUIREMENTS, THE ROOF MOUNT ANTENNAS MUST BE INSTALLED ALONG THE TRANSVERSE LINE INDICATED IN THE INSTALLATION MANUAL, WHERE THIS LINE MUST BISECT THE ROOF. IF NEEDED, THE LIGHT-BAR, OR OTHER EQUIPMENT HOSTED ON THE ROOF, MUST BE DISPLACED ACCORDINGLY. THIS REQUIREMENT SUPERSEDES THE INSTRUCTIONS IN THE CURRENT INSTALLATION MANUAL MN003109A01\_, CONCERNING THE ROOF MOUNT ANTENNA LOCATIONS."

### POST-PUBLICATION EDITS REGARDING INSTALLATION MANUAL

- **Chapter:** Installation Requirements for Compliance with Radio Frequency (RF) Energy Exposure Safety Standards, page ii. Revised superseding sentence: "Be sure that the "RF Energy Exposure and Product Safety Guide" enclosed with this radio is available to the end user upon completion of the installation of this radio".
- **Chapter:** Selecting an Antenna Site/Location on a Metal Body Vehicle. Revised superseding NOTE: A minimum of 18 inch separation is recommended between a light-bar and center-mounted LMR roof antennas, to prevent interference with the light-bar circuitry. Center-mounted LMR roof antennas require the light-bar to be off-set to maintain the separation distance.
- **Chapter:** Programming RFID (If Equipped) chapter: Revised superseding Table 2-1 and 2-2: M37TSS9PW1AN Last 2 Digits are now "MA", while characters "T0" are removed.

English

APX 8500 MOBILE  
RF and INSTALL  
MANUALS REVISION  
LEAFLET

