

# Radius®

## SM50 Mobile Two-Way Radios



 **MOTOROLA**

# Radius<sup>®</sup> SM50 Mobile Two-Way Radio Features & Benefits

## SM50 FEATURES

### STANDARD FEATURES

- Super-Compact Size (1.73" H x 6.61" W x 4.25" D)
- Synthesized and Field Programmable
- High Quality Audio Output
- Monitor/Volume Set Control Button
- RadiusPort Option Board Expansion Capability



### PROGRAMMABLE FEATURES

- 2-Channel Operation
- Variable Power Per Channel
- 1 Transmit Squelch Code Per Channel (PL/DPL/CSQ)
- 1 Receive Squelch Code Per Channel (PL/DPL/CSQ)
- Repeater/Talk Around or Local/Distance Operation
- Time-Out Timer
- Busy Channel Lock-Out

## SM50 BENEFITS

### FLEXIBLE MOUNTING SOLUTIONS

Super-compact size plus a complete offering of mounting and audio accessories solve a variety of installation needs for today's smaller vehicles.

### EASY-TO-USE

Features large radio controls along with visual and audible radio status alerts.

### DEDICATED MONITOR CONTROL BUTTON

Monitor control allows the radio user to enable or disable PL/DPL codes to check for channel activity. PL/DPL codes filter out annoying conversations of other groups that may be sharing your radio frequencies.

### PROGRAMMABLE OPTION BUTTON (via Service Software)

Allows the radio user to control either Repeater/Talk Around or Local/Distance functions. With Repeater/Talk Around, the user can select between repeater communications and direct unit-to-unit communications. Local/Distance allows the user to adjust the radio's sensitivity. The Local setting increases interference protection within a limited coverage area in congested urban locations.

### TIME-OUT TIMER & BUSY CHANNEL LOCK-OUT

Time-Out Timer limits the amount of time the radio can transmit to prevent users from accidentally tying up a channel. Busy Channel Lock-Out automatically prevents users from transmitting while other groups are using a channel.

### EXPANSION CAPABILITY

Available option boards can be "plugged in" to the RadiusPort, expanding the radio's capabilities.

## MOTOROLA QUALITY

Motorola is a world leader in technology and manufacturing with quality standards that are at the pinnacle of the industry. The SM50 passes our demanding Accelerated Life Testing and meets Military Standards 810 C, D & E for shock and vibration, providing assurance it will stand up to the rigors of your workplace.



For further information contact:

