



**MOTOROLA**  
*intelligence everywhere™*



# CDM1550™



■ Professional Series  
Mobile Radio User Guide



|   |           |
|---|-----------|
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# SAFETY

## PRODUCT SAFETY AND RF EXPOSURE COMPLIANCE



Caution

Before using this product, read the operating instructions for safe usage contained in the Product Safety and RF Exposure booklet enclosed with your radio.

### ATTENTION!

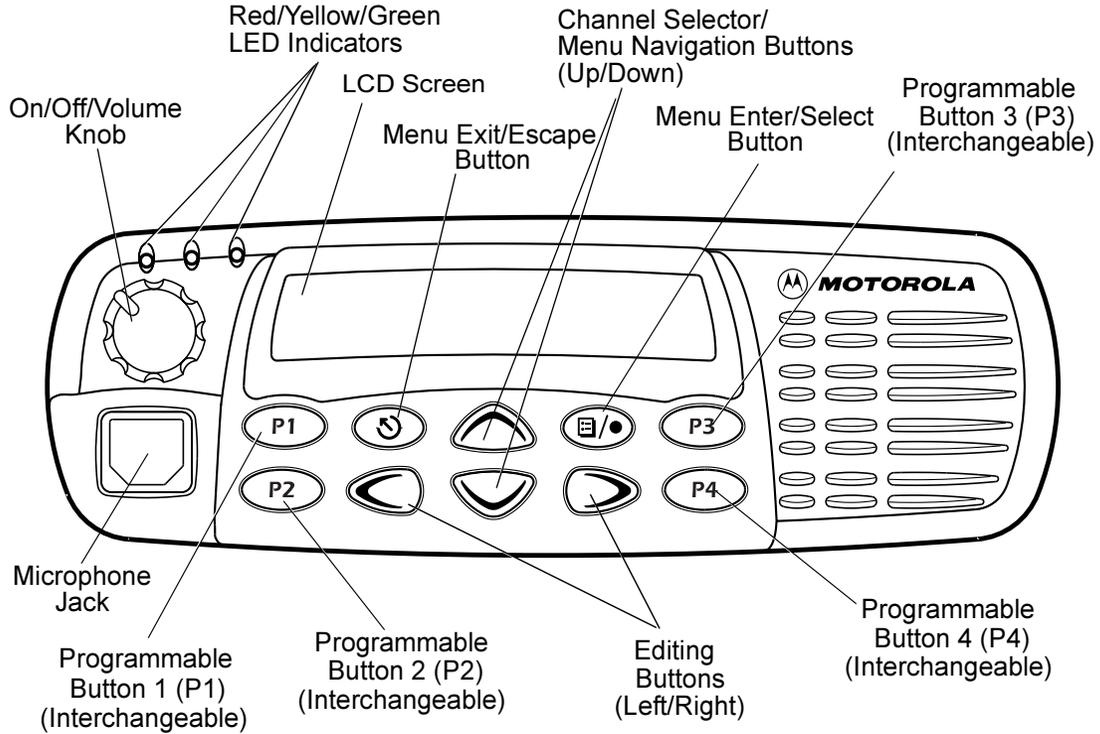
**This radio is restricted to occupational use only to satisfy FCC RF energy exposure requirements.** Before using this product, read the RF energy awareness information and operating instructions in the Product Safety and RF Exposure booklet enclosed with your radio to ensure compliance with RF energy exposure limits.

For a list of Motorola-approved antennas, batteries, and other accessories, visit the following web site which lists approved accessories: [http://commerce.motorola.com/consumer/QWhtml/acc\\_cat.html](http://commerce.motorola.com/consumer/QWhtml/acc_cat.html).

## Notes

# RADIO OVERVIEW

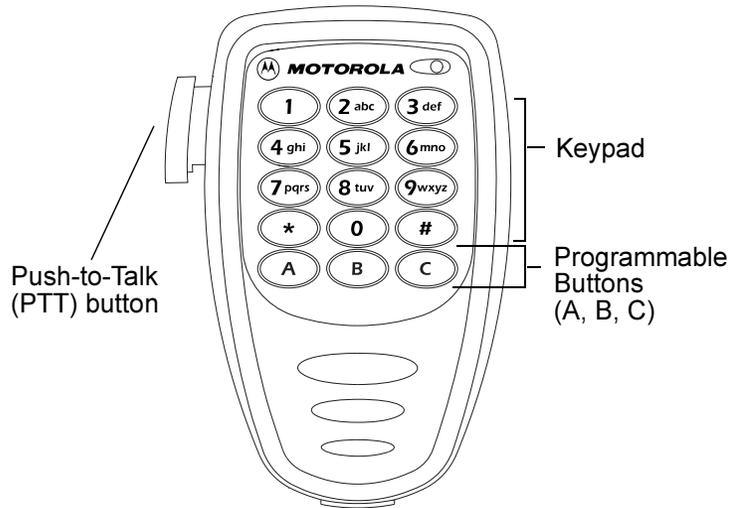
## PARTS OF THE RADIO



## Optional Enhanced Keypad Microphone (RMN4026)

Your radio may be ordered with an optional DTMF (Dual-Tone Multi-Frequency) microphone that has a direct entry keypad.

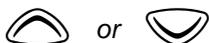
This enhanced keypad microphone has three buttons (A, B, C) below the keypad that can be programmed to conveniently activate select radio features.



## On/Off/Volume Knob

Turns the radio on or off, and adjusts the radio's volume.

## Channel Selector/Menu Navigation Buttons



Used for channel scrolling. When in menu mode, used for menu navigation.

## LED Indicators

Indicates channel, scan, and monitor status, as well as receipt of a selective call.

## Programmable Buttons

Your radio has several programmable buttons. Your dealer can program these buttons as shortcuts to various radio features.

Check with your dealer for a complete list of functions your radio supports.

Programmable buttons include the **P1**, **P2**, **P3**, and **P4** buttons (see page 3).

Some buttons can access up to two features, depending on the type of button press:

- **short press**—quickly pressing and releasing the programmable buttons
- **long press**—pressing and holding the programmable buttons for a period of time (default 1 1/2 seconds or programmed value)
- **hold down**—pressing and holding down the programmable buttons while checking status or making adjustments

A summary of programmable radio features and corresponding page references appears beginning on page 6.

In the “Button” column, have your dealer record the name of the programmable button next to the feature that has been programmed to it.

The dealer can use the abbreviations (P1, P2, P3, P4) shown in the radio illustration on page 3.

Also, where appropriate, have your dealer indicate whether the button press requires a short press, a long press, or needs to be held down.

| Function                        | Indicator | Short Press   | Long Press                                | Hold Down   | Page | Button |
|---------------------------------|-----------|---|---|---|------|--------|
| Volume Set                      | —         | —   | —   | Sound a tone for adjusting your radio's volume level. | 13   |        |
| Direct Zone Access              | —         | Direct entry to zone selection menu.†   |   | —   | 14   |        |
| Home Revert                     | —         | Takes you directly to a pre-programmed zone/channel combination.†                 |   | —   | 15   |        |
| Direct Channel Access           | —         | Toggle the direct access channel feature.† (Enhanced keypad microphone required.) |   | —   | 15   |        |
| PRTT (Priority Request-to-Talk) | —         | Sends a priority access request to the dispatcher.                                |   | —   | 15   |        |
| Emergency                       | ▲         | Initiate Emergency Alert.   | Cancel Emergency status.                  | —   | 24   |        |
| Power Level                     | LH        | Toggle transmit power level between High and Low.†                                |   | —   | 27   |        |
| Repeater/Talkaround             | ↔         | Toggle between using a repeater or transmitting directly to another radio.†       |   | —   | 26   |        |
| Scan/Nuisance Channel Delete    | ↻         | Toggle scan on and off.   | Delete a nuisance channel while scanning. | —   | 31   |        |
| Phone                           | ①         | Access Phone Mode.†   |   | —   | 37   |        |

† This function is activated by **EITHER** a short **OR** a long press, but not both.

| Function                           | Indicator   | Short Press  | Long Press                    | Hold Down | Page | Button |
|------------------------------------|---|--|-------------------------------|-----------|------|--------|
| Speed Dial                         | —   | Access your phone list directly.†  |                               | —         | 37   |        |
| Monitor                            |  | Toggle silent monitor operation (also turn off open squelch monitor when it has been activated). | Turn on open squelch monitor. | —         | —    |        |
| Option Board (if one is installed) |  | Toggle between activating and deactivating the option board.†                                    |                               | —         | —    |        |
| Radio Call                         | —   | Access the radio call menu.†   |                               | —         | —    |        |
| Light                              | —   | Adjust brightness level (off/low/med/high).†   |                               | —         | —    |        |
| Auxiliary Control (1/2)            | —   | Activates or deactivates a pin on the accessory connector.† (See your dealer.)                   |                               | —         | —    |        |
| Status                             | —   | Direct entry to the status menu.†  |                               | —         | —    |        |
| One-Touch Status                   | —   | Immediately sends a preprogrammed status.†   |                               | —         | —    |        |
| Message                            | —   | Direct entry to the message menu.†   |                               | —         | —    |        |
| One-Touch Message                  | —   | Immediately sends a preprogrammed message.†  |                               | —         | —    |        |
| Horn and Lights                    | —   | Toggles external alarm feature or cancels a triggered alarm.†                                    |                               | —         | —    |        |

† This function is activated by **EITHER** a short **OR** a long press, but not both.

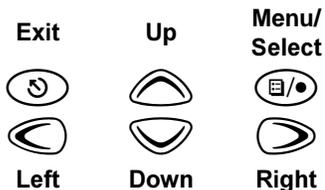
## Push-to-Talk (PTT) Button

Press and hold down this button to talk; release it to listen.

## Microphone

Hold the microphone 1 to 2 inches (2.5 to 5 cm) from your mouth, and speak clearly into it.

## Menu Keys



### Menu/Select Key

Used to enter Menu Mode. When in Menu Mode, this key is also used to make menu selections.

### Exit Key

Used to move to the previous Menu level (short press) or to exit Menu Mode (long press).

### Up Key and Down Key

Used for channel scrolling. When in Menu Mode, used for menu navigation.

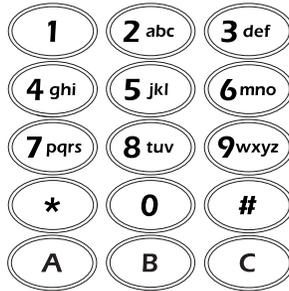
### Right Key

Moves the cursor right or inserts a space when editing or Zone scrolling.

### Left Key

Moves the cursor left or used as a backspace key when editing or Zone scrolling.

## Use with Enhanced Keypad Microphone (RMN4026)



These keys are used to:

- Dial a phone number
- Make a radio call
- Enter information when programming radio lists
- Directly access preprogrammed features

Each key can generate several different characters. For example, to enter the character "C," press the **2 abc** key three times. (Refer to the following table.)

## Entering Characters Using the Keypad

|        | Number of Times Key is Pressed |             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |
|--------|--------------------------------|-------------|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| Key    | 1                              | 2           | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 0      | 0                              | (           | ) | < | > |   |   |   |   |    |    |    |    |    |    |    |    |
| 1      | 1                              | &           | % | # | * |   |   |   |   |    |    |    |    |    |    |    |    |
| 2 abc  | A                              | B           | C | 2 | a | b | c | 2 | À | Á  | Â  | Ç  | à  | á  | â  | ç  |    |
| 3 def  | D                              | E           | F | 3 | d | e | f | 3 | É | Ê  | Ë  | è  | é  | ê  | ë  |    |    |
| 4 ghi  | G                              | H           | I | 4 | g | h | i | 4 | Ì | Í  | Î  | í  | î  | ï  |    |    |    |
| 5 jkl  | J                              | K           | L | 5 | j | k | l | 5 |   |    |    |    |    |    |    |    |    |
| 6 mno  | M                              | N           | O | 6 | m | n | o | 6 | Ñ | Ò  | Ó  | Ô  | ñ  | ò  | ó  | ô  | ö  |
| 7 pqrs | P                              | Q           | R | S | 7 | p | q | r | s | 7  |    |    |    |    |    |    |    |
| 8 tuv  | T                              | U           | V | 8 | t | u | v | 8 | Û | Ü  | Ý  | ù  | ú  |    |    |    |    |
| 9 wxyz | W                              | X           | Y | Z | 9 | w | x | y | z | 9  | Y  | y  |    |    |    |    |    |
| *      | *                              | /           | + | - | = |   |   |   |   |    |    |    |    |    |    |    |    |
| #      | #                              | Blank Space | - | . | ! | ? | ' | " | , | ;  | :  |    |    |    |    |    |    |

## LCD Screen



The top screen row displays radio status information:

| Symbol                           | Indication   |
|----------------------------------|--|
| <br><b>Companding</b>            | The Companding feature is activated. When in narrow band, this feature improves audio quality. |
| <br><b>Power Level</b>           | Low Power "L" or High Power "H" is activated.  |
| <br><b>Carrier Squelch (CSQ)</b> | The radio is on a CSQ channel, monitor is active, or the microphone is off-hook.               |
| <br><b>Phone</b>                 | Phone Mode is selected.  |

| Symbol                                      | Indication  |
|---|---|
| <br><b>Emergency</b>                        | An Emergency Alert is being sent.   |
| <br><b>Call Received</b>                    | A Selective Call or Call Alert has been received.                           |
| <br><b>Scan</b>                             | The Scan feature is active. Flashes when Scan is suspended.                 |
| <br><b>Priority 1 Scan</b><br>( ● flashing) | During Scan, indicates that the scan has locked on to a priority 1 channel. |
| <br><b>Priority 2 Scan</b><br>( ● steady)   | During Scan, indicates that the scan has locked on to a priority 2 channel. |

| Symbol   | Indication   |
|--|--|
| <br><b>Talkaround</b>       | The radio is not transmitting through a repeater.                  |
| <br><b>Programming Mode</b> | The radio is in Program List editing mode.                         |
| <br><b>Signal Strength</b>  | Indicates signal strength. The more bars, the stronger the signal. |
| <br><b>Option Board</b>     | Option board is enabled.   |
|                             | <i>Not currently assigned.</i>                                     |
|                             | <i>Not currently assigned.</i>                                     |

## AUDIO INDICATORS FOR PROGRAMMABLE BUTTONS



Low-High Tone



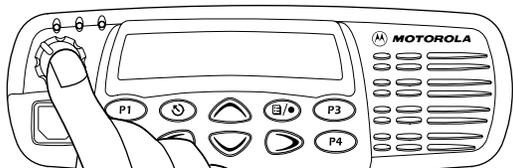
High-Low Tone

In addition to having associated visual indicators, some programmable buttons use tones to indicate one of two modes:

| Button                  | Low-High Tone              | High-Low Tone             |
|-------------------------|----------------------------|---------------------------|
| Scan                    | <b>Start</b> scan          | <b>Stop</b> scan          |
| Power Level             | <b>High</b> power selected | <b>Low</b> power selected |
| Option Board            | Enabled                    | Disabled                  |
| Repeater/<br>Talkaround | Does not use repeater      | Uses repeater             |

## GETTING STARTED

### TURNING THE RADIO ON OR OFF



| ON   | OFF  |
|--|--|
| <p>Push the <b>On/Off/Volume Control</b> knob until you hear a click.</p> <p>If power-up is successful, you will hear the Self-Test Pass Tone.</p>  <p>If the radio fails to power up, you will hear the Self-Test Fail Tone.</p>  | <p>Push the <b>On/Off/Volume Control</b> knob until you hear a click and the display clears.</p> |

### ADJUSTING THE VOLUME

Turn the **On/Off/Volume Control** knob clockwise to increase the volume, or counterclockwise to decrease the volume.

—or—

- 1 Hold down the **Volume Set** button (see page 6). You will hear a continuous tone.
- 2 Turn the **On/Off/Volume Control** knob to the desired volume level.
- 3 Release the **Volume Set** button.

## SELECTING A ZONE

A zone is a group of up to 16 channels. Before you can access a channel in a zone, you must select the zone in one of three ways:

### Method 1

- 1  to enter Menu Mode.
- 2  or  until 
- 3  to select 
- 4  or  until you see the desired zone name.
- 5  to select the zone.

**Method 2** (if programmed by your dealer [see pages 6-7]).

- 1 Press the **Direct Zone Access** button.
- 2  or  until you reach the desired zone.
- 3  to select the zone.

### Method 3

Press  to select the previous zone. If pressed while the first zone is selected, the radio will wrap around to the last zone.

-or-

Press  to select the next zone. If pressed while the last zone is selected, the radio will wrap around to the first zone.

## SELECTING A RADIO CHANNEL

Your radio offers 128 channels (8 zones of 16 channels each).

**Note:** Due to government regulations, some channels may not be programmed. See your dealer for more information.

There are three ways to select a channel:

### Method 1

- 1 Select the appropriate Zone, if required.
- 2  or  until you reach the desired channel, shown on the screen.

**Method 2** (if programmed by your dealer [see pages 6 -7]).

- 1 Press the **Home Revert** button.

**Method 3** (if programmed by your dealer [see pages 6 -7]).

- 1 Press the **Direct Channel Access** button.
- 2 Enter the desired channel using the enhanced keypad microphone.
- 3  to confirm your selection.

## SENDING A CALL

- 1 Turn your radio on.
- 2  or  to select the desired channel.
- 3 Hold the microphone vertically 1 to 2 inches (2.5 to 5 cm) from your mouth. Press the **PTT** to talk; release it to listen.

If your system uses the request-to-talk feature, use the following method to send a call:

- 1 Turn your radio on.
- 2  or  to select the desired channel.
- 3 Press the **PTT** (for priority requests to talk, the **PRTT** button) and wait for the talk permit tone.
- 4 Hold the microphone vertically 1 to 2 inches (2.5 to 5 cm) from your mouth. Press the **PTT** to talk; release it to listen.
- 5 Release the **PTT** to listen.

## RECEIVING A CALL

- 1 Turn your radio on.
- 2 Adjust the radio's volume if necessary (see page 13).
- 3 Select the desired channel.
- 4 To respond, hold the microphone vertically 1 to 2 inches (2.5 to 5 cm) from your mouth. Press the **PTT** to talk; release it to listen.

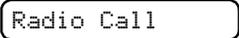
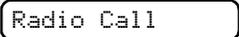
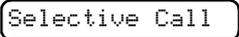
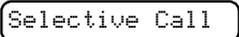
## Notes

## RADIO CALLS

### MAKING A SELECTIVE CALL

You can make a selective call to a particular radio or group of radios, provided the signaling protocol supports it.

To make a Selective Call:

- 1  to enter Menu Mode.
- 2  or  until 
- 3  to select 
- 4  or  until 
- 5  to select 
- 6  or  to locate the desired ID in the Radio Call List.

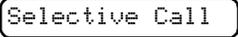
—or—

when using the enhanced keypad microphone only, enter the ID number of the radio you want to call.

7 Press the **PTT** to send the call. The radio sounds a continuous tone.

8 Press the **PTT** to talk; release it to listen.

9 When finished with the call,

 to return to 

—or—

Hold down  to exit Menu Mode.

### RECEIVING A SELECTIVE CALL

When you receive a selective call:

- You will hear two alert tones.
- The LED Indicator flashes yellow.
- The LCD screen displays  and the preprogrammed name or ID of the calling radio, if available.

## SENDING A CALL ALERT PAGE

You can alert another person by sending a Call Alert page.

To send a Call Alert page:

- 1  to enter Menu Mode.
- 2  or  until
- 3  to select
- 4  or  until
- 5  to select
- 6  or  to locate the desired ID in the Radio Call List;  
 –or–  
 when using the enhanced keypad microphone only, enter the ID number of the radio you want to page.

- 7 Press the **PTT** to send the page.  
 You will see

- 8 If the Call Alert page is received,  
 you will see   
 If not,  
 you will see
- 9  to return to   
 –or–  
 Hold down  to exit Menu Mode.

## RECEIVING A CALL ALERT PAGE

When your radio receives a Call Alert page, it sounds four alert tones continuously and the following are displayed until you respond: the  symbol, and the ID of the calling radio alternating with *Call Received*.

Press the **PTT** to answer the page, or press any other key to clear it.

**Note:** Your radio will display only the last Call Alert page received. Also, your radio will not receive any Selective Calls until you clear the page.

## RADIO CHECK

This feature allows you to determine if a radio is in range without disturbing the user of the radio. Radio Check can also be used when attempts with Selective Call and Call Alert fail. (This feature is available only if your signaling protocol supports it.)

To perform a Radio Check:

- 1  to enter Menu Mode.
- 2  or  until
- 3  to select
- 4  or  until
- 5  to select
- 6  or  to locate the desired ID in the Radio Call List;  
-or-  
when using the enhanced keypad microphone only, enter the ID number of the radio you are checking.

- 7 Press the **PTT**.

You will see

- 8 If the Radio Check is received,

you will see

If not, you will see

- 9  to return to

-or-

Hold down  to exit Menu Mode.

## SENDING A STATUS

This feature gives you the ability to send a status update to the base. The status feature makes more efficient use of the channel compared to voice transmissions. Status updates of up to 14 characters may be programmed by your dealer.

To send a Status:

- 1  to enter Menu Mode.

2  or  until

- 3  to select

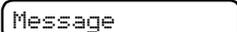
- 4  or  to locate the desired status in the preprogrammed list.
- or— when using the enhanced keypad microphone only,
- enter the number of the status you wish to send.
- or— if programmed by your dealer (see pages 6-7),
- press the button that has been preprogrammed for a specific status.
- Note:** You cannot retransmit the current status update.

---

## SENDING A MESSAGE

This feature gives you the ability to send and receive preprogrammed messages. Data messages make more efficient use of channels compared to voice transmissions. Messages of up to 14 characters may be programmed by your dealer.

To send an electronic (data) message:

- 1  to enter Menu Mode.
  - 2  or  until 
  - 3  to select 
  - 4  or  to locate the desired message in the preprogrammed list.
- or— when using the enhanced keypad microphone only,
- enter the number of the message you wish to send.
- or— if programmed by your dealer (see pages 6-7),
- press the button that has been preprogrammed for a specific message.
-

## RECEIVING A MESSAGE

When your radio receives a message:

- You will hear two alert tones.
- The yellow LED indicator flashes.
- The LCD screen

displays

Msg Received

alternating with the preprogrammed alias.

**Note:** If you receive a message that is programmed into your radio, the display will alternate with the following:

Message #\_

and

No Alias

---

## RESPONDING TO EMERGENCY ALERTS

Your radio offers choices for initiating and responding to Emergency Alert communications. Choices may include:

- Emergency Cycles - Allows the radio to automatically cycle between transmit and

receive mode over a preprogrammed number of times by keying with voice after it has received an Acknowledge to the alarm you send. The default number of transmits is one (10, maximum); the default value of the retransmit interval is 5 seconds (one, minimum; 60, maximum).

- Emergency Alarm/Call - Gives you access to a voice resource, on a priority basis, over all other types of call traffic.
- Emergency Remote Monitor - Enables the dispatcher to activate the transmit circuit of your radio, during an Emergency, to hear the situation through your microphone. See page 23 for more about sending an Emergency Remote Monitor.
- Remote Monitor - Enables the dispatcher to activate the transmit circuit of your radio, during a normal dispatch, to hear the situation through your microphone. See page 24 for information about sending a Remote Monitor.

**Note:** All the choices listed above are dealer preprogrammed. See your dealer for more details.

## Decoding an Emergency Alarm

If preprogrammed by your dealer, and provided the signaling protocol supports it, your radio decodes (responds to) an Emergency Alarm or Emergency Call by:

- Sounding a unique, repeating alert tone
- Activating an external alarm
- Displaying alternating message parts on a single line, similar to the following example:



- the word `Emergency`, followed by



- Emergency Alias from the Radio Call List (example, `MDC CALL 01`), followed by
- Timestamp of the Emergency Alert (example, `03:55`).



- Flashing the ▲ icon (while decoding only; lights steady when encoding)

## Multiple Queued Emergencies

Clearing the existing displayed Emergency shows the next in the queue, if one exists. The display updates and shows "Emerg (queued number) of (total number)". If no additional Emergencies are queued, the radio exits Emergency mode and resumes normal mode.

## Three Minute Timer

Responding to an Emergency starts a three-minute timer. The radio does not generate another Emergency Alert tone against that Emergency Alias or ID until the three-minute period expires. If cleared within 3 minutes, the alarm will regenerate the alert. If the radio receives another Emergency Alert from the same Alias or ID, the radio acknowledges the Emergency but does not restart the tone, activate the external alarm, or display updated information.

### After the Timer Expires

If the three-minute timer has expired for a specific Emergency Alias or ID, and the radio decodes an Emergency that is currently in queue, the radio:

- Acknowledges the Emergency
- Restarts the Emergency Alert tone
- Activates the external alarm
- Updates the time stamp on the matching Emergency

**Note:** If the Radio Call List does not include an alias for the radio ID, the ID displays. Radios that do not support the signaling protocol sound the alert tone, activate the external alarm and display data.

### CLEARING AN EMERGENCY ALERT

To clear an Emergency Alert:

- 1 Press any button on the radio to cancel the Emergency Alert tone.
- 2 Press (or activate) an external pushbutton or foot switch.

**Note:** You must press an external switch to clear the visible Emergency Alias and display the next queued Emergency Alias, if present. You must clear all decoded Emergency Alerts before encoding (sending) your own Emergency Alert.

### SENDING AN EMERGENCY REMOTE MONITOR

As your radio responds to an Emergency Alert, only the Emergency Queue menu is available.

To access the Emergency Queue menu:

1  to enter Menu Mode.

- 2 The radio displays the list of aliases currently in the Emergency queue, similar to that shown, oldest to newest.

MDC CALL 01

3  or  to view the next oldest Emergency Remote Monitor packet and to choose the packet to send.

4 Press the PTT to send the packet.

## SENDING AN EMERGENCY ALERT

A priority Emergency Alert can be sent to a specific radio or dispatch center by pressing:

- A button preprogrammed by your dealer (see pages 6-7).
- The foot switch
- A pushbutton accessory

Emergency Alerts have priority over all other calls.

The  symbol will appear on the display when your radio is in the Emergency Alert state.

An Emergency Alert can be programmed to:

- Show  and sound a tone
- or–
- Show the normal display
- or–
- Activate the microphone so that all activity

can be transmitted (for a predetermined amount of time). See your dealer for more information.

To cancel the Emergency Alert, press and hold down the **Emergency** button.

## SENDING A REMOTE MONITOR

The Remote Monitor gives the ability to activate the transmit circuit of your radio – both silently and normally – and key it. The Remote Monitor feature depends on how your radio responds to the Remote Monitor Command. Upon receiving a Remote Monitor Command, the radio:

1. Keys the transmitter
2. Acknowledges the command
3. Sends the PTT-ID
4. Activates the microphone.

**Note:** If a remote microphone is attached, it responds.

Remote Monitor capability depends on which of two modes are preprogrammed:

- Silent Mode - When the command is sent in Silent Mode, and the receiving radio keys and transmits for the time set by the Remote Monitor Command, the receiving radio will not generate an indicator of the event.
- Non-Silent Mode - When the command is sent in Non-Silent Mode, and the receiving radio keys and transmits for the time set by the Remote Monitor Command, the receiving radio will generate an indicator of the event.

The amount of time that the radio remains in receive mode or in transmit mode is set by the Remote Monitor Command and the time settings in the radio. When in this state, touching any button on the radio takes it out of the Remote Monitor mode. See your dealer for more details.

---

## SELECTIVE RADIO INHIBIT

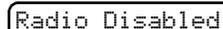
Your radio is equipped with a security feature that can temporarily render the unit inoperative when an inhibit signal is sent from the base station.

This feature is commonly used to disable radios:

- In case of theft
- When your vehicle is being serviced
- For system control reasons

**Note:** When your radio has been disabled by the base station, all controls will be inoperative except for the On/Off button. When the radio is powered up, the display will

show:

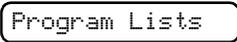
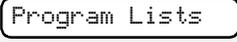
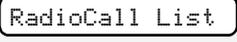
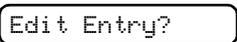
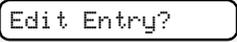
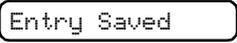


## EDITING A RADIO CALL LIST

The ID numbers in your Radio Call List are preprogrammed by your dealer. However, you can edit the names associated with these IDs using the enhanced keypad microphone. The  symbol will appear on the display when you are editing.

**Note:** Your radio cannot receive any calls while you are editing.

To edit a Call List entry:

- 1  to enter Menu Mode.
- 2  or  until 
- 3  to select 
- 4  or  until 
- 5  to select 
- 6  or  until 
- 7  to select 
- 8  or  until you locate the desired entry.
- 9  to select the entry.
- 10 Use your keypad to edit the entry (see page 9).
- 11  to save your changes.  
You will see 

12  to return to 

–or–

Hold down  to exit Menu Mode.

## REPEATER OR TALKAROUND MODE

Talkaround Mode enables you to communicate with another radio when either:

- The repeater is not operating.
- or–
- Your radio is out of the repeater's range but within communicating distance of another radio. The  symbol appears on the display when Talkaround Mode is selected.

To select either Repeater Mode or Talkaround Mode:

Press the preprogrammed **Repeater/ Talkaround** button (see page 6) to toggle between Repeater Mode and Talkaround Mode.

–or–

- 1  to enter Menu Mode.

- 2  or  until Rptr/Talkarnd
- 3  to select Rptr/Talkarnd
- 4  or  until Repeater Mode  
or until Talkarnd Mode
- 5  to confirm your selection.

## SETTING THE POWER LEVEL

Each channel in your radio has a predefined transmit power level that can be changed.

- High power ( **H** )
- Low power ( **L** )

You can set the power level in two ways:

### Method 1

Press the preprogrammed **Power Level** button (see page 6) to toggle between *low* and *high*.

—or—

### Method 2

- 1  to enter Menu Mode.

- 2  or  until Utilities
- 3  to select Utilities
- 4  or  until Power Level
- 5  to select Power Level  
The display shows the current power level.
- 6  or  until Power High?  
or until Power Low?
- 7  to confirm the selection.

## NAME AND CALL/MESSAGE TONE TAGGING

You can program your radio to sound a particular alert tone when:

- a specific user is calling—**name tone tagging**, or
- a message is being sent to your radio, or
- your radio is receiving a type of radio call—**call tone tagging**.

There are seven alert tones to select from.

To tag a specific user's name or message:

- 1  to enter Menu Mode.
- 2  or  until
- 3  to select
- 4  or  until   
or
- 5  to select   
or
- 6  or  until you see the name or message you want to tag.
- 7  to confirm the selection.
- 8  or  until you hear one of the seven tones you want to use for this name or message.

- 9  to confirm the selection.

You will see

or

- 10  to return to

or

-or-

Hold down  to exit Menu Mode.

To tag a type of radio call:

- 1  to enter Menu Mode.
- 2  or  until
- 3  to select
- 4  or  until
- 5  to select
- 6  or  until you see the call type you want to tag.
- 7  to confirm the selection.
- 8  or  until you hear the tone you want to use for this type of call.

9  to confirm the selection.

You will see

10  to return to

-or-

Hold down  to exit Menu Mode.

# Notes

## SCAN

Your radio can monitor multiple channels in a scan list. Your dealer can program up to 16 different channels into each scan list. When your radio detects activity on a scan list channel, it will automatically switch to that channel.

**Note:** The same channels can be assigned to different scan lists.

### STARTING OR STOPPING SCAN

The  symbol, and the number of the channel you are transmitting on, will appear on the display when you start a scan operation.

The green LED indicator blinks during a scan operation and stops blinking when the radio switches to a channel.

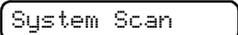
**Note:** If you enter Menu Mode while the radio is scanning, scanning will stop. It will resume when you exit Menu Mode.

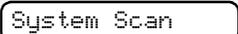
You can start or stop a scan operation either by:

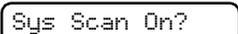
pressing the preprogrammed **Scan** button (see page 6) to start or stop scanning;

–or–

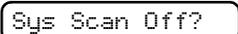
1  to enter Menu Mode.

2  or  until 

3  to select 

4  or  until 

–or–



5  to confirm your selection.

## TALKBACK

The Talkback feature allows you to respond to a transmission while scanning. If a transmission on a channel is detected while scanning, the radio will stop on that channel for a preprogrammed period of time. During this “hangtime” you may respond by pressing the **PTT**.

**Note:** If transmission stops or if the **PTT** is not pressed for a preprogrammed duration, the radio will continue scanning. Also, the LED scan indicator stops blinking while the radio is in hangtime.

## DELETING A NUISANCE CHANNEL

If a channel continually generates unwanted calls or noise (a “nuisance” channel), use the **Scan** button to temporarily delete the channel from the scan list.

**Note:** You cannot delete a priority channel (see page 34) or the last remaining channel in a scan list.

- 1 While the radio is on the nuisance channel, hold down the **Scan** button until you hear a tone.
- 2 Release the **Scan** button. The nuisance channel is deleted.

## Restoring a Channel to the Scan List

To restore a previously deleted channel to the scan list, restart the scan operation or turn your radio off and on again.

## EDITING A SCAN LIST

A scan list is a group of up to 16 channels. Each channel can have a scan list assigned to it. The same channel can be included in several scan lists, and the same scan list can be assigned to several Channel Selector positions. For example:

|   | Position 2 | Position 14 |
|---|------------|-------------|
| C | 1          | 1           |
| h |            |             |
| a | 3          | 2           |
| n |            |             |
| e | 5          | 3           |
| l |            |             |
| s | 6          | 11          |

When you edit a scan list, you can either add, delete, or prioritize channels. The  symbol will appear on the display while you are in edit mode.

**Note:** Your radio cannot receive any calls while you are editing a scan list.

## Adding or Deleting Channels in a Scan List

To add or delete channels in a scan list:

1  to enter Menu Mode.

2  or  until

3  to select

4  or  until

5  to select

6  or  until

or until

7  to confirm your selection.

8  or  until you see the channel you want to add or delete.

**Note:** You cannot delete the last remaining channel in a scan list.

9  to confirm your selection.

10 If you added a channel,  
you will see

–or–

If you deleted a channel,

you will see

 to confirm the deletion.

You will see

11  to return to

or to return to

–or–

Hold down  to exit Menu Mode.

## Prioritizing a Channel in a Scan List

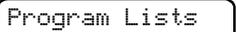
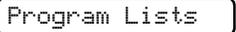
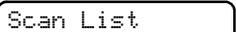
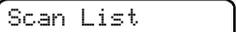
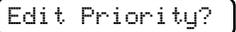
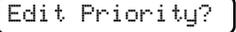
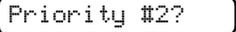
You may want to check the activity on one or two channels more frequently than others. You can do this by assigning them priority:

**Note:** Even if there may be activity on a non-priority channel, your radio will automatically switch to an active priority channel and indicate the activity with a short tone.

| Priority Channel                                       | Scanning Sequence                  |
|--|------------------------------------|
| None specified   | Ch1→Ch2→Ch3→Ch4→Ch1                |
| Channel 2<br>(Priority 1)                              | Ch2→Ch1→Ch2→Ch3→Ch2→Ch4→Ch2→...Ch1 |
| Channel 2<br>(Priority 1)<br>Channel 8<br>(Priority 2) | Ch2→Ch1→Ch8→Ch3→Ch2→Ch4→Ch8→...Ch1 |

## Setting Priority Channels

**Note:** You cannot reprioritize a *Priority 1* channel to *Priority 2*.

- 1  to enter Menu Mode.
- 2  or  until 
- 3  to select 
- 4  or  until 
- 5  to select 
- 6  or  until 
- 7  to select 
- 8  or  until   
or until 
- 9  to select the desired priority level.
- 10  or  until you see the channel you want to prioritize.

11  to prioritize that channel.

12  to return to Edit Priority?

–or–

Hold down  to exit Menu Mode.

---

**Note:** If you want to reprioritize all channels, you must first delete each priority channel from the scan list, and then add it back.

# Notes

## PHONE

If your radio has access to a telephone system, you can make a phone call. To do this, your radio must send an access code to a station that connects it to a phone line. (Ask your dealer for more details.) After completing a call, your radio must send a deaccess code to hang up.

### MAKING A PHONE CALL ①

You can make a phone call using the preprogrammed **Phone** button (see page 6) or the radio menu. The ① symbol appears on the display when you are in Phone Mode.

To initiate a phone call:

Press the **Phone** button.

–or–

Do the following:

1 Switch to the desired channel.

2  to enter Menu Mode.

3  or  until

Phone

4  to select

Phone

5 You will hear a series of tones indicating that an access code is being sent automatically. You will also see your access code displayed;

–or–

when using the keypad microphone only, enter your access code using the keypad.

6 When you hear a dial tone, enter or select a phone number:

when using the keypad microphone only, enter the phone number using the keypad.

–or–

 or  to select a number from the phone list.

–or–

when using the keypad microphone only,

a Press and release the preprogrammed **Speed Dial** button (see page 7) to use the Speed Dial feature.

b Press the key (1 to 8) corresponding to the number you want to call,

–or–

press “0” if you want to call the last number dialed.

**Note:** To redial the last number dialed (if not using Speed Dial), do not choose a number. Proceed to step 7.

Alternatively, if you entered your access code using the keypad, press  once to access the last number dialed; then press and release the PTT.

**7** To end a phone call, do one of the following:  
If your radio has the deaccess code preprogrammed, proceed to step 8.

—or—

Enter the deaccess code using the keypad.

**8** Press the Phone button to exit Phone Mode.

—or—

 to exit Phone Mode

and return to

Phone

—or—

Hold down  to exit Menu Mode.

## MODIFYING THE PHONE LIST

You can modify a phone list in one of the following ways:

- Add an entry
- Delete an entry
- Edit an existing entry
- Edit an Access/Deaccess code

When you are modifying the phone list, the  symbol will appear on the display.

**Note:** Your radio cannot receive any calls while you are modifying the phone list.

### Adding an Entry (when using the enhanced keypad microphone only)

To add an entry:

**1**  to enter Menu Mode.

**2**  or  until

Program Lists

**3**  to select

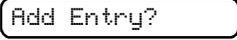
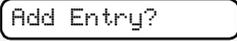
Program Lists

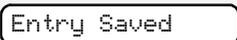
**4**  or  until

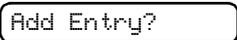
Phone List

**5**  to select

Phone List

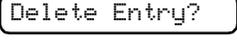
- 6  or  until 
- 7  to select  
You will see   

- 8 Use the keypad to enter the name (see page 9).
- 9  to store the name.  
You will see 
- 10 Use the keypad to enter the phone number. You can also add a dash (press ) and a Pause Indicator (hold down  until the # character on the display changes to a "P").
- 11  to select the phone number.
- 12  or  until you see the location in the list where you want to store the phone number.
- 13  to store the phone number.  
You will see 

- 14  to return to  
-or-   
Hold down  to exit Menu Mode.

## Deleting an Entry

To delete an entry:

- 1  to enter Menu Mode.
- 2  or  until 
- 3  to select 
- 4  or  until 
- 5  to select 
- 6  or  until 
- 7  to select 
- 8  or  until you see the entry you want to delete.

- 9 to select the entry.
- You will see
- again to confirm the deletion.
- You will see
- 10 to return to  
-or-
- Hold down to exit Menu Mode.

### Editing an Entry (when using the enhanced keypad microphone only)

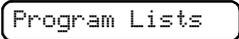
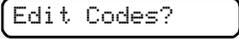
To edit an entry:

- 1 to enter Menu Mode.
- 2 or until
- 3 to select
- 4 or until
- 5 to select
- 6 or until

- 7 to select
- 8 or until you see the entry you want to edit.
- 9 to select the entry.
- 10 or until   
to edit the name,  
-or- until   
to edit the phone number,  
-or- until   
to edit the location in the phone list.
- 11 to confirm your selection.
- 12 Use the keypad to edit the entry (see page 9).  
-or-  
 or until you see the location where you want to store the phone number.
- 13 to store the information.
- 14 to return to   
-or-  
Hold down to exit Menu Mode.

## Editing an Access/Deaccess Code (when using the enhanced keypad microphone only)

To edit an access/deaccess code:

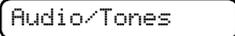
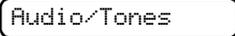
- 1  to enter Menu Mode.
- 2  or  until 
- 3  to select 
- 4  or  until 
- 5  to select 
- 6  or  until  
-or- until 
- 7  to select  
-or- 
- 8 Enter the number using the enhanced keypad microphone.
- 9  to select the entry.

- 10  or  to edit another code.  
-or-  
Hold down  to exit Menu Mode.

## Notes

## AUDIO/TONE SETTINGS

You can customize the audio and tone feature settings on your radio.

- 1  to enter Menu Mode.
- 2  or  until 
- 3  to select 
- 4  or  until you see the feature you want to change. (Refer to the table below.)
- 5  to select the feature. You will see the feature's current setting.
- 6  or  for available settings. (Refer to the table below.)
- 7  to select the desired setting.

## Audio/Tone Settings

| Feature             | What it Does  | Settings                      |
|---------------------|---|-------------------------------|
| Alert Vol Lvl       | Allows the volume level of the audio and the volume level of the alert tones to be set independently. | Ind Alert Off<br>Ind Alert On |
| Tone Disable        | Turns all tones on or off.  | Tones On<br>Tones Off         |
| Name Tone Tag       | Assigns a specific tone to all calls from a specific user (see page 27 for details).                  | Standard<br>Alert #1 – #7     |
| Call Tone Tag       | Assigns a specific tone when receiving a specific type of radio call (see page 29 for details).       | Standard<br>Alert #1 – #7     |
| Msg Tone Tag        | Assigns a specific tone when receiving a specific message (see page 27 for details).                  | Standard<br>Alert #1 – #7     |
| Escalert            | Gradually increases the volume of the alarm tones when a call is not answered.                        | Escalert On<br>Escalert Off   |
| Companding (XPand™) | Approximates the same audio quality for 12.5kHz channels to that of 25kHz channels.                   | Compand On<br>Compand Off     |
| Keypad Tones        | Turns keypad tones on or off.   | Tones On<br>Tones Off         |

## UTILITIES

You can customize some of your radio's features by:

1  to enter Menu Mode.

2  or  until

3  to select

4  or  until you see the feature you want to change (see table below).

5  to select the feature. You will see the feature's current setting.

6  or  for available settings.

7  to select the desired setting.

### Utilities Features

| Feature        | What it Does   | Settings                          |
|----------------|--|-----------------------------------|
| Power Level    | Changes the power level of the radio to high or low (see page 27). | Power High<br>Power Low           |
| Clock          | Sets the time (see page 47).                                       | Set Time<br>Display Clock         |
| Reminder Alarm | Sets the alarm and turns it on or off (see page 47).               | Alarm On<br>Alarm Off<br>Set Time |

## Utilities Features

| Feature            | What it Does  | Settings                                   |
|--------------------|---|--|
| Language Selection | Allows you to select the language displayed on the display.     | English<br>Spanish<br>Portuguese<br>French |
| Option board       | Activates/deactivates the option board installed in your radio. | Opt Board On<br>Opt Board Off              |
| Software Ver #     | Displays the radio's software version number.                   |  |

## SETTING THE TIME

To set the time:

1  to enter Menu Mode.

2  or  until

3  to select

4  or  until   
-or- until

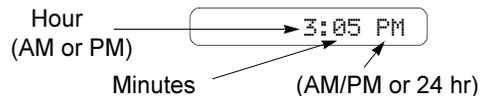
You must access the clock menu to select AM/PM or "24 hr". This selection cannot be made from Reminder Alarm menu.

5  to confirm your selection.

6  or  until

7  to select

8 When a setting (e.g., "hour") is blinking, you can change it with  or .



9  to proceed to the next setting (e.g., from hour to minutes).

10  to save your changes.

11  to return to   
or to return to   
-or-

Hold down  to exit Menu Mode.

## DISPLAYING THE TIME

To display the time:

- 1  to enter Menu Mode.
  - 2  or  until
  - 3  to select
  - 4  or  until
  - 5  to confirm your selection.
  - 6  or  until
  - 7  to select
- The radio will display the time for a preprogrammed duration.
- 8  to exit the menu.

## SELECTING THE DISPLAY LANGUAGE

To select the display language:

- 1  to enter Menu Mode.
- 2  or  until
- 3  to select
- 4  or  until
- 5  to confirm your selection.
- 6  or  until desired language is displayed.
- 7  to select desired language.
- 8  to exit the menu.

# WARRANTY

## LIMITED WARRANTY

### MOTOROLA COMMUNICATION PRODUCTS

#### I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG:

MOTOROLA INC. (“MOTOROLA”) warrants the MOTOROLA manufactured Communication Products listed below (“Product”) against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

|                      |               |
|----------------------|---------------|
| CDM1550 Mobile Units | Two (2) Years |
| Product Accessories  | One (1) Year  |

Motorola, at its option, will at no charge either repair the Product (with new or reconditioned parts), replace it (with a new or reconditioned Product), or refund the purchase price of the Product during the warranty period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of MOTOROLA.

This express limited warranty is extended by MOTOROLA to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by MOTOROLA.

MOTOROLA assumes no obligations or liability for additions or modifications to this warranty unless made in writing and signed by an officer of MOTOROLA. Unless made in a separate agreement between MOTOROLA and the original end user purchaser, MOTOROLA does not warrant the installation, maintenance or service of the Product.

MOTOROLA cannot be responsible in any way for any ancillary equipment not furnished by MOTOROLA which is attached to or used in connection with the Product, or for operation of the Product with any ancillary equipment, and all such equipment is expressly excluded from this warranty. Because each system which may use the Product is unique, MOTOROLA disclaims liability for range, coverage, or operation of the system as a whole under this warranty.

## II. GENERAL PROVISIONS:

This warranty sets forth the full extent of MOTOROLA's responsibilities regarding the Product. Repair, replacement or refund of the purchase price, at MOTOROLA's option, is the exclusive remedy. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

## III. STATE LAW RIGHTS:

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION OR EXCLUSIONS MAY NOT APPLY.

This warranty gives specific legal rights, and there may be other rights which may vary from state to state.

## IV. HOW TO GET WARRANTY SERVICE:

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by Motorola through one of its authorized warranty service locations. If you first contact the company which sold you the Product (e.g., dealer or communication service provider), it can facilitate your obtaining warranty service. You can also call Motorola at 1-800-927-2744 US/Canada.

## V. WHAT THIS WARRANTY DOES NOT COVER:

- A Defects or damage resulting from use of the Product in other than its normal and customary manner.
- B Defects or damage from misuse, accident, water, or neglect.
- C Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- D Breakage or damage to antennas unless caused directly by defects in material workmanship.
- E A Product subjected to unauthorized Product modifications, disassemblies or repairs (including, without limitation, the addition to the Product of non-Motorola supplied equipment) which adversely affect performance of the Product or interfere with Motorola's normal warranty inspection and testing of the Product to verify any warranty claim.
- F Product which has had the serial number removed or made illegible.
- G Freight costs to the repair depot.

- H A Product which, due to illegal or unauthorized alteration of the software/ firmware in the Product, does not function in accordance with MOTOROLA's published specifications or the FCC type acceptance labeling in effect for the Product at the time the Product was initially distributed from MOTOROLA.
- I Scratches or other cosmetic damage to Product surfaces that does not affect the operation of the Product.
- J Normal and customary wear and tear.

## VI. PATENT AND SOFTWARE PROVISIONS:

MOTOROLA will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a United States patent, and MOTOROLA will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- A that MOTOROLA will be notified promptly in writing by such purchaser of any notice of such claim;
- B that MOTOROLA will have sole control of the defense of such suit and all negotiations

- for its settlement or compromise; and
- C should the Product or parts become, or in MOTOROLA's opinion be likely to become, the subject of a claim of infringement of a United States patent, that such purchaser will permit MOTOROLA, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by MOTOROLA.

MOTOROLA will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by MOTOROLA, nor will MOTOROLA have any liability for the use of ancillary equipment or software not furnished by MOTOROLA which is attached to or used in connection with the Product. The foregoing states the entire liability of MOTOROLA with respect to infringement of patents by the Product or any parts thereof.

Laws in the United States and other countries preserve for MOTOROLA certain exclusive rights for copyrighted MOTOROLA software such as the exclusive rights to reproduce in copies and distribute copies of such Motorola software. MOTOROLA software may be used in only the Product in which the software was originally embodied and such software in such Product may not be replaced, copied, distributed, modified in any way, or used to produce any derivative thereof. No other use including, without limitation, alteration, modification, reproduction, distribution, or reverse engineering of such MOTOROLA software or exercise of rights in such MOTOROLA software is permitted. No license is granted by implication, estoppel or otherwise under MOTOROLA patent rights or copyrights.

#### **VII.GOVERNING LAW:**

This Warranty is governed by the laws of the State of Illinois, USA.

## ACCESSORIES

Motorola offers a number of accessories to enhance the productivity of your two-way radio. Many of the available accessories are listed below.

For a list of Motorola-approved antennas, batteries, and other accessories, visit the following web site which lists approved accessories: [http://commerce.motorola.com/consumer/QWhtml/acc\\_cat.html](http://commerce.motorola.com/consumer/QWhtml/acc_cat.html).

## AUDIO

|         |                                   |
|---------|-----------------------------------|
| RMN4025 | Compact Remote Speaker Microphone |
| RMN4026 | Enhanced Keypad Microphone        |
| RMN4038 | Heavy Duty Microphone             |
| RSN4001 | External Speaker 13W              |
| HSN8145 | External Speaker 7.5W             |

## MOUNTING

|          |                            |
|----------|----------------------------|
| GLN7324  | Low Profile Trunnion       |
| RLN4780  | High Profile Trunnion      |
| HLN8097' | Removable Slide Mount      |
| RLN4779  | Key Lock Mount             |
| RLN4782  | DIN Mounting Kit (in dash) |
| RKN4077  | Remote Mount Cable - 3 m   |
| RKN4078  | Remote Mount Cable - 5 m   |
| RKN4079  | Remote Mount Cable - 7 m   |

## ANTENNAS

|             |  |
|-------------|--|
| HAD4006A    | VHF 136-144 MHz, 1/4 Wave Roof Mount   |
| HAD4007A    | VHF 146-150.8 MHz, 1/4 Wave Roof Mount |
| HAD4008A    | VHF 150.8-162 MHz, 1/4 Wave Roof Mount |
| HAD4009A    | VHF 162-174 MHz, 1/4 Wave Roof Mount   |
| HAD4014A    | VHF 146-172 MHz, 3.0dB Gain Roof Mount |
| HAE4002A    | UHF 403-430 MHz, 1/4 Wave Roof Mount   |
| HAE4003A    | UHF 450-470 MHz, 1/4 Wave Roof Mount   |
| HAE4004A    | UHF 470-512 MHz, 3.5dB Gain Roof Mount |
| HAE4010A    | UHF 406-420 MHz, 3.5dB Gain Roof Mount |
| HAE4011A    | UHF 450-470 MHz, 3.5dB Gain Roof Mount |
| HAE4012A    | UHF 470-494 MHz, 1/4 Wave Roof Mount   |
| HAE4013A    | UHF 494-512 MHz, 3.5dB Gain Roof Mount |
| 09-02105F01 | BNC Connector                          |

|          |   |
|----------|---|
| RAB4002A | Lowband 29.7-36 MHz, 1/4 Wave Base Loaded |
| RAB4003A | Lowband 36-42 MHz, 1/4 Wave Base Loaded   |
| RAB4004A | Lowband 42-50 MHz, 1/4 Wave Base Loaded   |

## CONTROL STATION

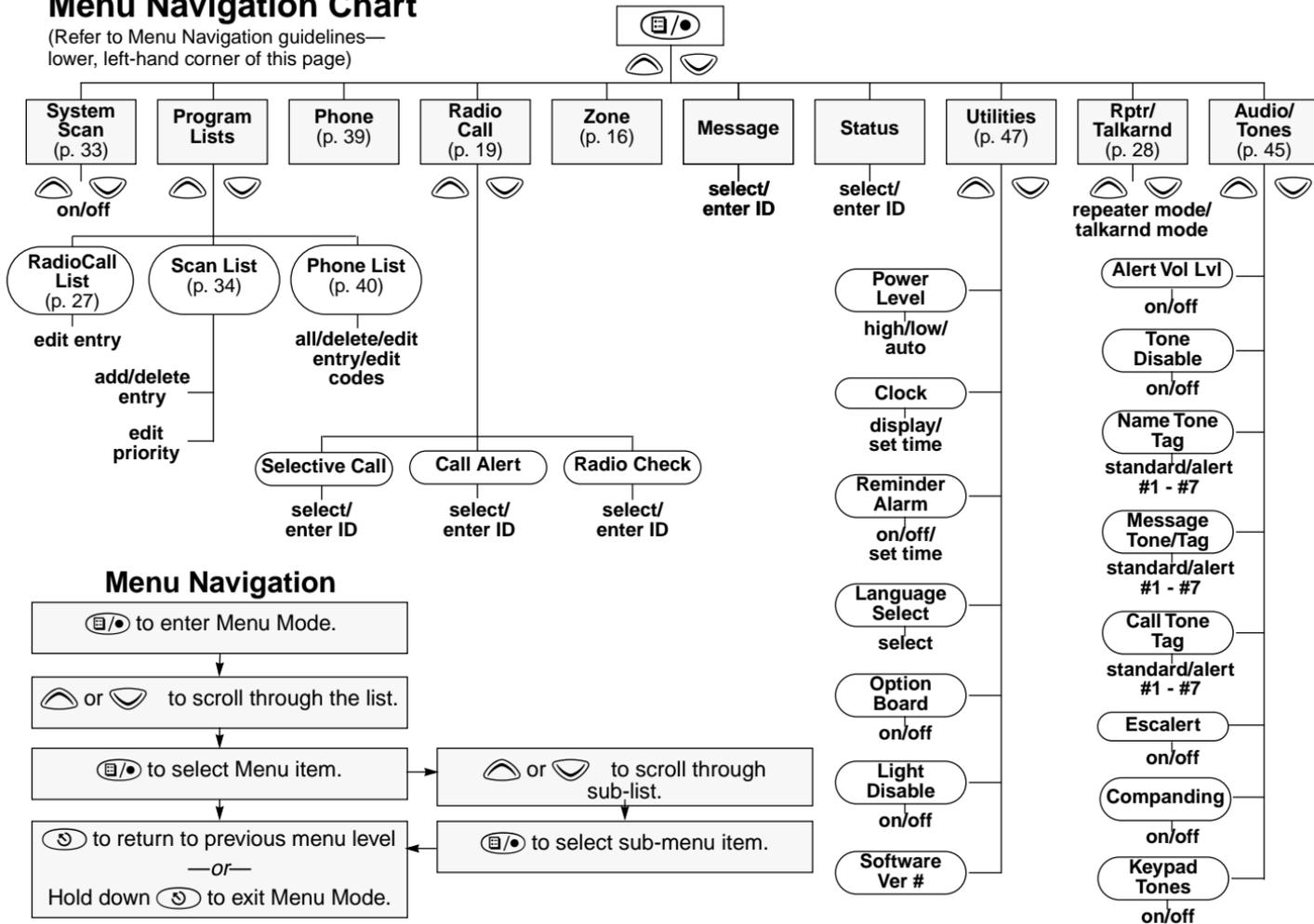
|         |                                   |
|---------|-----------------------------------|
| GPN6145 | Desktop Power Supply 1-25W (EMC)  |
| HPN4002 | Desktop Power Supply 1-25W        |
| GPN6149 | Desktop Power Supply 25-45W (EMC) |
| HPN4001 | Desktop Power Supply 25-45W       |
| RMN4030 | Desktop Microphone                |
| GLN7318 | Desktop Tray without Speaker      |
| GLN7326 | Desktop Tray with Speaker         |

**Note:** A variety of interchangeable buttons are available for use in the P1-P4 locations on your radio (page 3). See your dealer for further details.



# Menu Navigation Chart

(Refer to Menu Navigation guidelines—  
lower, left-hand corner of this page)





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