



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
7075251

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
JOHN JOHNSTON
304-558-2402

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

Lloyd Hoff Holdings

SHIP TO

DIVISION OF HIGHWAYS
 EQUIPMENT DIVISION
 ROUTE 33
 BRUSHY FORK ROAD
 BUCKHANNON, WV
 26201 304-472-1750

DATE PRINTED 02/06/2007	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: 02/28/2007		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	350	EA		725-27	<i>575.00 Per Radio</i>	<i>575.00 Per Radio</i>
<p>LOW BAND DASH MOUNT MOBILE RADIOS</p> <p>TO PROVIDE LOW BAND DASH MOUNT MOBILE RADIOS PER THE ATTACHED PROCUREMENT SPECIFICATIONS NO. S.E 650-002.</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p> <p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>() BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>(<input checked="" type="checkbox"/>) BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Cristal Padgett</i>	TELEPHONE <i>866-854-2888</i>	DATE <i>2/27/07</i>
TITLE <i>Sales</i>	FEIN <i>35-0924815</i>	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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02/06/2007				

BID OPENING DATE: 02/28/2007 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>() BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>(✓) BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;</p> <p>OR</p> <p>() BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Crystal Padgett</i>	TELEPHONE <i>860-854-2888</i>	DATE <i>2/27/07</i>
TITLE <i>Sales</i>	FON <i>55-0724815</i>	ADDRESS CHANGES TO BE NOTED ABOVE

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DATE PRINTED 02/06/2007	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **02/28/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p> <p>BIDDER: <u>Lloyd Hoff Holding Corp</u></p> <p>DATE: <u>2/27/07</u></p> <p>SIGNED: <u>Crystal Padgett</u></p> <p>TITLE: <u>Sales</u></p> <p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S)</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <u>Crystal Padgett</u>	TELEPHONE <u>866-854-2838</u>	DATE <u>2/27/07</u>
TITLE <u>Sales</u>	FEIN <u>55-0724815</u>	ADDRESS CHANGES TO BE NOTED ABOVE

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02/06/2007				

BID OPENING DATE: 02/28/2007 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 33</p> <p>RFQ. NO.: 7075251</p> <p>BID OPENING DATE AND TIME</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>Crystal Padgett</i>	866-854-2888	2/27/07
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
<i>Sales</i>	53-0724815	

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02/06/2007				

BID OPENING DATE: 02/28/2007 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				304-464-4146		
CONTACT PERSON (PLEASE PRINT CLEARLY):						
CRYSTAL PADGETT						
***** THIS IS THE END OF RFQ 7075251 ***** TOTAL:						575.00 PER RADIO

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Crystal Padgett</i>	TELEPHONE 8660 854 - 2888	DATE 2/27/07
TITLE <i>Jules</i>	FEIN 55-0724815	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

WEST VIRGINIA DIVISION OF HIGHWAYS
EQUIPMENT DIVISION

PROCUREMENT SPECIFICATIONS FOR MOBILE RADIOS

NO S. E. 650-002

LOW BAND DASH MOUNT MOBILE RADIOS

1 0 Purpose

It is the purpose of these specifications to describe Low Band dash mount mobile radio's (hereinafter referred to as "units) to be purchased for use by the West Virginia Division of Highways; to define the provisions to be contained in proposals for the sale of said units to the division; establish a schedule for delivery and the criteria for gauging the compliance of the bidder, his proposal and his unit to these specifications.

2 0 Bidders Compliance Report

Each proposal submitted should be accompanied by a Bidders Compliance report completed in detail and signed by bidder. Failure to submit this report, completed entirely, may subject the bidder to automatic disqualification

3 0 Representative unit for test

3.1 The successful bidder shall furnish the West Virginia Department of Transportation, Division of Highways one (1) representative unit, to be tested and evaluated by the Department. Unit must be set up on 47.28 MHZ. as the test frequency with a subtone of 71.9 Hz. The radio must be pre-tested and operational on delivery. Time period for testing and evaluation to be seven (7) calendar days following delivery of the unit. The Department shall incur no obligation for deterioration of surface, finishes, seals and mechanical or electrical parts on the unit resulting from operation and testing within the limits of these specifications; nor shall it incur obligation for damage to the unit resulting from failure to meet specifications when due care and attention are given by the Department and testing is done within the limits of these specifications

3.2 After testing of the representative unit, the Department may place an order for the units bid or may decline to order any units if determination has been made by the Department that the representative unit does not meet the functional, operational or any other needs of the Department

- 4.0 Specifications and guidelines - General - The bidder shall identify the units by manufacturer model, series, and year of manufacture in his proposal so as to enable identification by the West Virginia Department of Highways in the manufacturer's sales literature on the proposed units. The bidder should submit complete descriptive literature fully describing the proposed unit to establish that he is bidding on the manufacturer's most current model.

All specifications including the word "shall" are considered mandatory and any bid failing to include the mandatory item will be cause for rejection.

5.0 Unspecified Accessories and Features

All parts and service manuals, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, shall be furnished with each unit and shall conform in strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry.

All parts and accessories advertised and regularly supplied as standard are to be included, except those which would represent duplication of these specified, and except those which, by specification are not to be furnished. All standard safety features required by federal and state law shall be included.

6.0 Manufacturer's Warranty and Service Policy

The manufacturer's standard warranty or service policy is to apply to the unit. Such warranty or service policy is to be recognized at any authorized unit dealer representing manufacturer of proposed unit throughout the State of West Virginia. It shall be the responsibility of the bidder to provide labor to repair or replace any defective replacement parts, components and materials found to be defective and to have available those replacement parts, components, and/or materials found to be defective during the terms of the warranty period. The Units shall be accompanied upon delivery by the manufacturer's properly execute warranty or service policy.

7.0 Delivery

- 7.1 Delivery point of the completely assembled units shall be the West Virginia Division of Highways, Equipment Division, at Buckhannon, WV located on U.S. Route # 33 at Brushy Fork Road.

- 7.2 Delivery 90 days after order.

8.0 General Specifications

8.1 Number of Channels : 32 Minimum

8.2 Frequency Spread: 36.0 to 50.0 MHz

8.3 Controls: Shall have front microphone/program jack.

Shall have a minimum of 8 character alphanumeric display. Must have controls for scan, monitor, channel delete/add and channel select. Shall have capability for user addition of a talk-around button with programmable offset. Unit shall provide a means of memory backup to allow operation on the ignition switch without loss of selected channel.

8.4 Programming:

Shall be programmable by PC, under Windows NT, 2000, XP, software must be provided. Twelve (12) interface cables for PC shall be supplied. Successful bidder shall deliver units programmed to channels, frequencies and other programmable options as designated upon order or award of purchase order.

8.5 Receiver Specifications :

Sensitivity @ 12db EIA SINAD : .25uv or better
 Selectivity : -75db or better
 Intermodulation : -70db or better
 Spurious Rejection : -70db or better
 Frequency Spread : 12.0 MHz or better
 Audio Output : 10 watts at 5% distortion

8.6 Transmitter Specification :

Output power : 65 watts or greater
 Frequency Stability : +/- 0.0005%
 Spurious & Harmonics -62db or better
 FM Noise : -45db or better
 Audio Distortion : less than 3%
 Frequency Separation : 12.0MHz or better

NOTE: Vendor should type Bidder's Compliance Report

DIVISION OF HIGHWAYS
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
EQUIPMENT DIVISION

BIDDERS COMPLIANCE REPORT

PROCUREMENT SPECIFICATIONS FOR MOBILE RADIOS

NO S E. 650-002

LOW BAND DASH MOUNT MOBILE RADIOS

NOTE TO BIDDER: Procurement Specifications No. S E 650-002, Paragraph 2.0 recommends the completion and submittal of this report with your proposal. Purpose of this report is to enable the West Virginia Division of Highways Equipment Division Communications Review to make full and fair evaluation of the bid proposal. FAILURE TO SUBMIT THIS REPORT, COMPLETE IN ITS ENTIRETY, MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

SPECIFICATIONS - GENERAL

Reference Requisition No 7075251

Bidder's Name: Lloyd Hoff Holding Corp.

Address: 108 Industrial Lane, Millwood, WV 25262

Telephone Number: 866-854-2888

Years Company has been registered to do business with the State of West Virginia 33 YEARS

Manufacturer, model, series, and date of manufacture of proposed unit:
Motorola, CDN1250, Date of manufacture is dependent on order date.

Radios are built to fulfill orders.
Is descriptive literature, fully describing proposed unit, attached to your proposal? Yes

If not, why? _____

Bid price per unit:
\$ 575⁰⁰ X 1 = 575⁰⁰ TOTAL BID

When will required number of operating and service manuals and complete parts lists be delivered to Equipment Division at Buckhannon, W V _____ prior to delivery of unit, or _____

6 0 WARRANTY

Upon Request

Define the terms of manufacturer's standard warranty If not offered, so state. Attach copy if available

2 year Warranty

6 1 Define warranty service to be performed at manufacturer's representative facility List names and locations of manufacturer's representative.

Warranty Radios are sent to Motorola Repair Depot. After warranty expires, radio will be repaired at our nearest service shop. We are an authorized MSS (Motorola Service Shop)

6 2 List locations for parts inventories that are within the State of West Virginia Also list availability of levels if known

351 Industrial Park Rd, Jane Lew, WV

108 Industrial Lane, Millwood, WV

2100-7th St., Charleston, WV

6801 Emerson Ave, Parkersburg, WV

8 0

All shops are staffed by techs with 10 yrs or more experience. SPECIFICATIONS OF THE QUOTED UNIT: the bidder should complete the following schedule in order for the Division to compare the actual bid unit to the specifications Should the bidder take exception to any of the specifications, then such exception may be only on the basis that such feature is not offered by the manufacturer. The Division will have the sole discretion as to whether the bidder's substitution meets the requirements of the specifications.

Manufacturer: Motorola

Model: CDM 1250 AAM 25DKD9AA2-N

Year model: Manufactured on order

- 8.1 Does unit have a minimum of 32 channels? YES NO
- 8.2 Does unit have 36.0 to 50.0 MHz. of frequency spread and includes 47 MHz range? YES NO
- 8.3 Does unit have Front Microphone/Program Jack with a minimum of 8 character alphanumeric scan? YES NO
- 8.3.1 Does unit have capability for user addition of talk around button with programmable transmit offset? YES NO
- 8.3.2 Is convertible accessories available to purchase? YES NO
- 8.3.3 Does unit have long term memory backup to allow operation on the ignition switch without loss of selected channel? YES NO
- 8.4 Is the unit programmable by PC for Windows NT, 2000, XP and is the necessary software provided? It is Windows Programmable. However Motorola software is copyrighted & requires agreement with Motorola before we can provide. YES NO
- 8.5.1 Is Sensitivity @ 12db EIA SINAD : 25uv or better? .3uv YES NO
- 8.5.2 Is Selectivity : -75db or better? -80 db YES NO
- 8.5.3 Is Intermodulation : -70db or better? -80 db YES NO
- 8.5.4 Is Spurious Rejection : -70db or better? 80 db YES NO
- 8.5.5 Is Frequency Spread : 12.0 MHz or better? (20 only on LB) 12.5/20/25 on VHF/UHF YES NO
- 8.5.6 Is Audio Output : 10 watts external at 5% distortion? 3% YES NO
- 8.6.1 Is output power : 65 watts or greater? 60 Watts YES NO

8.6.2 Is Frequency Stability : +/- 0.0005%?

YES NO

8.6.3 Is Spurious & Harmonics -62db or better ? - 57

YES NO

8.6.4 Is FM Noise : -45db or better ?

Hum + Noise

YES NO

8.6.5 Is audio Distortion : less than 3% ?

YES NO

8.6.6 Is frequency Separation : 12.0MHZ or better ?

YES NO

AGREEMENT ADDENDUM

In the event of conflict between this addendum and the agreement this addendum shall control:

- 1 ARBITRATION - Any references to arbitration contained in the agreement are hereby deleted. Disputes arising out of the agreement shall be presented to the West Virginia Court of Claims
- 2 HOLD HARMLESS - Any clause requiring the Agency to indemnify or hold harmless any party is hereby deleted in its entirety
- 3 GOVERNING LAW - The agreement shall be governed by the laws of the State of West Virginia. This provision replaces any references to any other State's governing law
- 4 TAXES - Provisions in the agreement requiring the Agency to pay taxes are deleted. As a State entity the Agency is exempt from Federal, State, and local taxes and will not pay taxes for any Vendor including individuals nor will the Agency file any tax returns or reports on behalf of Vendor or any other party
- 5 PAYMENT - Any references to prepayment are deleted. Payment will be in arrears
- 6 INTEREST - Should the agreement include a provision for interest on late payments, the Agency agrees to pay the maximum legal rate under West Virginia law. All other references to interest or late charges are deleted
- 7 RECOUPMENT - Any language in the agreement waiving the Agency's right to set-off counterclaim, recoupment, or other defense is hereby deleted
- 8 FISCAL YEAR FUNDING - Service performed under the agreement may be continued in succeeding fiscal years for the term of the agreement, contingent upon funds being appropriated by the Legislature or otherwise being available for this service. In the event funds are not appropriated or otherwise available for this service, the agreement shall terminate without penalty on June 30. After that date, the agreement becomes of no effect and is null and void. However, the Agency agrees to use its best efforts to have the amounts contemplated under the agreement included in its budget. Non-appropriation or non-funding shall not be considered an event of default
- 9 STATUTE OF LIMITATION - Any clauses limiting the time in which the Agency may bring suit against the Vendor, lessor, individual, or any other party are deleted
- 10 SIMILAR SERVICES - Any provisions limiting the Agency's right to obtain similar services or equipment in the event of default or non-funding during the term of the agreement are hereby deleted
- 11 ATTORNEY FEES - The Agency recognizes an obligation to pay attorney's fees or costs only when assessed by a court of competent jurisdiction. Any other provision is invalid and considered null and void
- 12 ASSIGNMENT - Notwithstanding any clause to the contrary, the Agency reserves the right to assign the agreement to another State of West Virginia agency, board, or commission upon thirty (30) days written notice to the Vendor and Vendor shall obtain the written consent of Agency prior to assigning the agreement
- 13 LIMITATION OF LIABILITY - The Agency, as a State entity, cannot agree to assume the potential liability of a Vendor. Accordingly, any provision limiting the Vendor's liability for direct damages or limiting the Vendor's liability under a warranty to a certain dollar amount or to the amount of the agreement is hereby deleted. In addition, any limitation is null and void to the extent that it precludes any action for injury to persons or for damages to personal property
- 14 RIGHT TO TERMINATE - Agency shall have the right to terminate the agreement upon thirty (30) days written notice to Vendor
- 15 TERMINATION CHARGES - Any provision requiring the Agency to pay a fixed amount or liquidated damages upon termination of the agreement is hereby deleted. The Agency may only agree to reimburse a Vendor for actual costs incurred or losses sustained during the current fiscal year due to wrongful termination by the Agency prior to the end of any current agreement term
- 16 RENEWAL - Any reference to automatic renewal is hereby deleted. The agreement may be renewed only upon mutual written agreement of the parties
- 17 INSURANCE - Any provision requiring the Agency to insure equipment or property of any kind and name the Vendor as beneficiary or as an additional insured is hereby deleted
- 18 RIGHT TO NOTICE - Any provision for repossession of equipment without notice is hereby deleted. However, the Agency does recognize a right of repossession with notice
- 19 ACCELERATION - Any reference to acceleration of payments in the event of default or non-funding is hereby deleted
- 20 AMENDMENTS - All amendments, modifications, alterations, or changes to the agreement shall be in writing and signed by both parties. No amendment, modification, alteration, or change may be made to this addendum without the express written approval of the Purchasing Division and the Attorney General

ACCEPTED BY:
STATE OF WEST VIRGINIA

Pending Unit: _____

Signed: _____

Title: _____

Date: _____

VENDOR

Company Name: Lloyd Hoff Holding Corp

Signed: Cynthia Padgett

Title: Sales

Date: 2/27/07

I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG: MOTOROLA INC ("MOTOROLA") warrants the MOTOROLA manufactured 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:

HT750 HT1250 HT1250LS Portable Units	Two (2) Years
CDM750 CDM1250 CDM1550 CDM1550LS 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, delivery 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) Rechargeable batteries if:

1. Any of the seals on the battery enclosure or cells are broken or show evidence of tampering.
2. The damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.

H) Freight costs to the repair depot.

I) 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

J) Scratches or other cosmetic damage to Product surfaces that does not affect the operation of the Product.

K) 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.

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Please Read Our Copyright and Disclaimer Notice.

AFFIDAVIT

West Virginia Code §5A-3-10a states:

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount

EXCEPTION:

The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

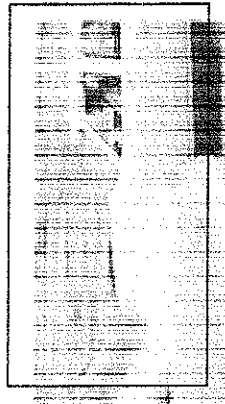
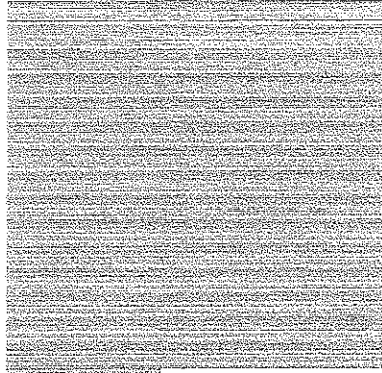
Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated

Vendor's Name: Lloyd Hoff Holding Corp.
Authorized Signature: Cynthia Padgett Date: 2/27/07

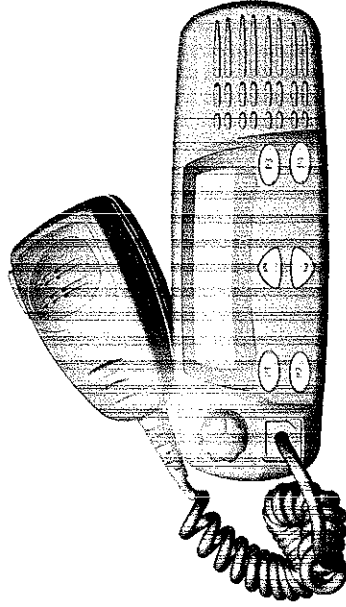


MOTOROLA

MANAGER ET/OU UTILISATEUR










CDM1250™



- ||| Série Professionnelle
Radio Mobile Guide de l'utilisateur
- ||| Professional Series
Mobile Radio User Guide

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COMPUTER SOFTWARE COPYRIGHTS

The Motorola products described in this manual may include copyrighted Motorola computer programs stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted computer programs including, but not limited to, the exclusive right to copy or reproduce in any form the copyrighted computer program. Accordingly, any copyrighted Motorola computer programs contained in the Motorola products described in this manual may not be copied, reproduced, modified, reverse-engineered, or distributed in any manner without the express written permission of Motorola. Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents or patent applications of Motorola, except for the normal non-exclusive license to use that arises by operation of law in the sale of a product.

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CONTENTS



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.

SAFETY

Notes

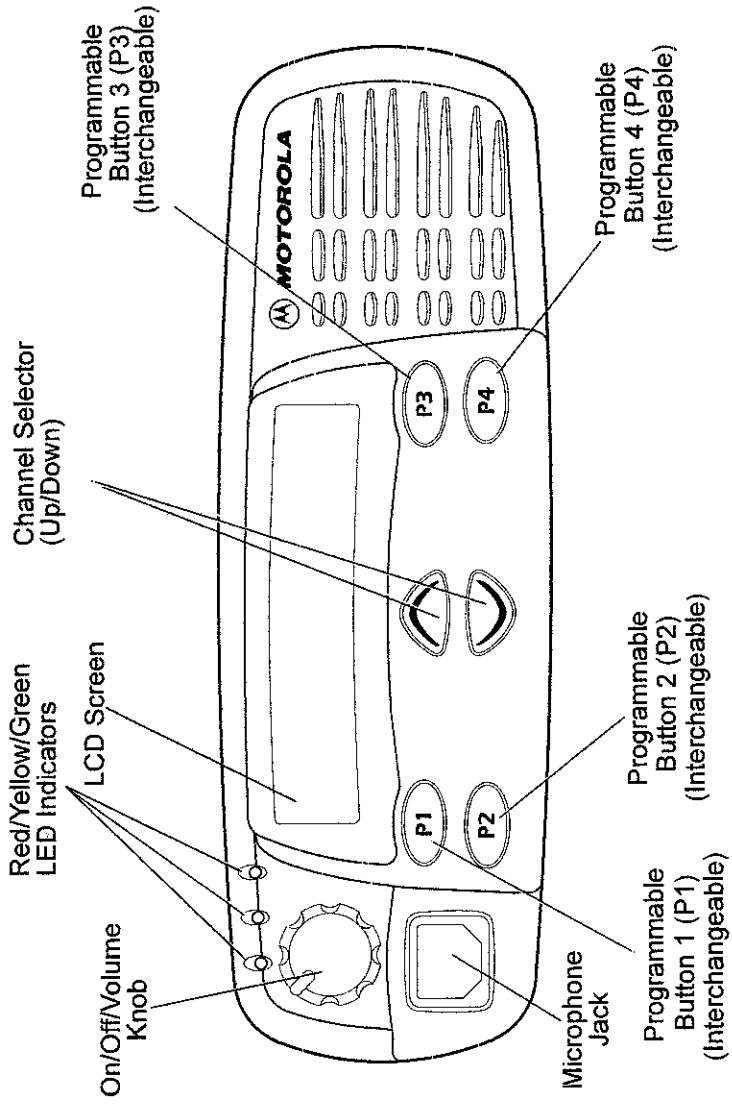
SAFETY

2



RADIO OVERVIEW

PARTS OF THE RADIO

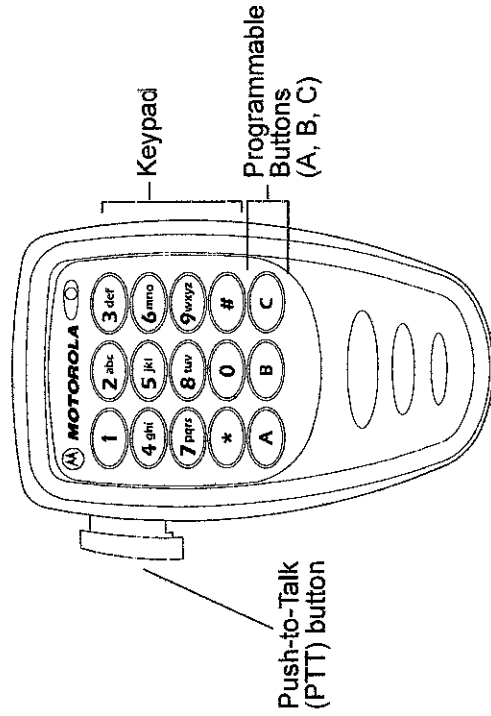


RADIO OVERVIEW

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.

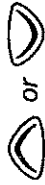
By purchasing this enhanced keypad microphone, you will be able to gain access to menu capabilities and the radio's user-selectable features.



On/Off/Volume Knob

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

Channel Selector Buttons



or

Used for channel scrolling.





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 , , , and  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.

RADIO OVERVIEW



RADIO OVERVIEW

Function	Indicator	Short Press	Long Press	Hold Down	Page	Button
Volume Set	—	—	—	Sound a tone for adjusting your radio's volume level.	11	
Home Revert	—	Takes you directly to a preprogrammed zone/channel combination. †		—	12	
Direct Zone Access	—	Direct entry to zone selection menu. †		—	12	
Direct Channel Access	—	Direct entry to channel selection. † (Enhanced keypad microphone required.)		—	13	
PRTT (Priority Request-to-Talk)	—	Sends a priority access request to the dispatcher.		—	13	
Emergency		Initiate Emergency Alert.	Cancel Emergency status.	—	20	
Repeater/Talkaround		Toggle between using a repeater or transmitting directly to another radio. †		—	24	
Power Level	LH	Toggle transmit power level between High and Low. †		—	25	
Scan/Nuisance Channel Delete		Toggle scan on and off.	Delete a nuisance channel while scanning.	—	29	
Phone		Access Phone Mode. †		—	35	

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

RADIO OVERVIEW

07162011

Function	Indicator	Short Press	Long Press	Hold Down	Page	Button
Speed Dial	—	Access your phone list directly. †		—	36	
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)	—	Activate or deactivate a pin on the accessory connector. † (See your dealer.)		—	—	
Menu/Enter		Enter the menu or confirm selection. †		—	—	
Exit		Step one level back in the menu.	Exit the menu.	—	—	
Up/Down		Step through menu choices.		—	—	
Horn and Lights	—	Toggle external alarm feature or cancels a triggered alarm. †		—	—	

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

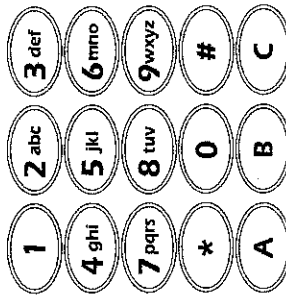
Push-to-Talk (PTT) Button

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.

Use with Enhanced Keypad Microphone (RMN4026)



These keys are used to:

- Dial a phone number
- Make a radio call
- Directly access preprogrammed features

8





LCD Screen










The top screen row displays radio status information:

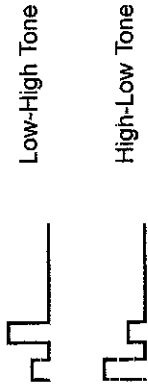
Symbol	Indication
Compressing	The Compressing feature is activated. When in narrow band, this feature improves audio quality.
LH Power Level	Low Power "L" or High Power "H" is activated.
Carrier Squelch (CSQ)	The radio is on a CSQ channel, monitor is active, or the microphone is off-hook.
Phone	Phone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

RADIO OVERVIEW

Symbol	Indication
 Signal Strength	Indicates signal strength. The more bars, the stronger the signal.
 Option Board	Option board is enabled.
	Not currently assigned.
	Not currently assigned.

Symbol	Indication
 Emergency	An Emergency Alert is being sent.
 Call Received	A Selective Call or Call Alert has been received.
 Scan	The Scan feature is active.
 Priority 1 Scan (• flashing)	During Scan, indicates that the scan has locked on to a priority 1 channel.
 Priority 2 Scan (• steady)	During Scan, indicates that the scan has locked on to a priority 2 channel.
 Talkaround	The radio is not transmitting through a repeater.
 Programming Mode	The radio is in Program List editing mode.

AUDIO INDICATORS FOR PROGRAMMABLE BUTTONS



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	Start scan	Stop scan
Power Level	High power selected	Low power selected
Option Board	Enabled	Disabled
Repeater/Talkaround	Does not use repeater	Uses repeater

GETTING STARTED

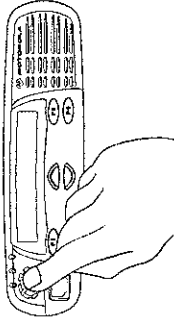
ADJUSTING THE VOLUME

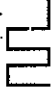

Turn the **On/Off/Volume Control** knob clockwise to increase the volume, or counterclockwise to decrease the volume.

—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.

GETTING STARTED TURNING THE RADIO ON OR OFF





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



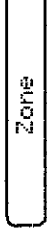

SELECTING A ZONE



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 two ways:

Method 1 (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 Press the **Direct Zone Access** button to select the zone.

Method 2 (enhanced keypad microphone required)

- 1 Press the **Menu/Enter** button to enter Menu Mode.
- 2  or  until  is displayed.
- 3 Press the **Menu/Enter** button to select .

- 4  or  until you see the desired zone name.
- 5 Press the **Menu/Enter** button to select the zone.



SELECTING A RADIO CHANNEL

Your radio offers 64 channels (4 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 LCD display.

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



Press the **Home Revert** button.

GETTING STARTED



Method 3 (if programmed by your dealer [see pages 6 - 7]. Enhanced keypad microphone required.)

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

RECEIVING A CALL

- 1 Turn your radio on.
- 2 Adjust the radio's volume, if necessary (see page 11).
- 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 respond to an incoming call; release it to listen.

Notes

GETTING STARTED

14



RADIO CALLS

RADIO CALLS



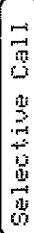
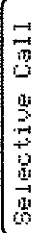


MAKING A SELECTIVE CALL

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

Note: An enhanced keypad microphone is required to operate this feature.

To make a Selective Call:

Method 1



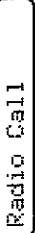
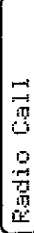


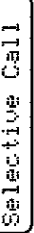
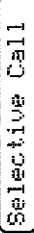
- 1 Press the **Radio Call** button to enter Menu mode.
- 2  or  until  Selective Call
- 3 Press the **Radio Call** button to select  Selective Call
- 4  or  to locate the desired ID in the Radio Call list;

—or—

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

- 5 Press the **PTT** to send the call. The radio sounds a continuous tone.
- 6 Press the **PTT** to talk; release it to listen.
- 7 When finished with the call, press the **Radio Call** button to exit.

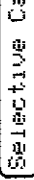
Method 2

- 1 Press the **Menu/Enter** button to enter Menu Mode.
- 2  or  until  Radio Call
- 3 Press the **Menu/Enter** button to select  Radio Call
- 4  or  until  Selective Call
- 5 Press the **Menu/Enter** button to select  Selective Call

- 6  or  to locate the desired ID in the Radio Call List;


--or--

using the enhanced keypad microphone, 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, press the **Exit** button to return to  --or--
Hold down the **Exit** button to exit Menu Mode.

RECEIVING A SELECTIVE CALL

When you receive a selective call:

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



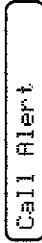
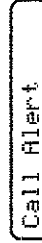
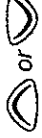
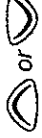
SENDING A CALL ALERT™ PAGE

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

Note: An enhanced keypad microphone is required to operate this feature.

To send a Call Alert page:

Method 1

- 1 Press the **Radio Call** button to enter Menu Mode.
- 2  or  until .
- 3 Press the **Radio Call** button to select .
- 4  or  to locate the desired ID in the Radio Call list;

--or--

using the enhanced keypad microphone, enter the ID number of the radio you want to page.

- 5 Press the **PTT** to send the page. You will see .
- 6 If the Call Alert page is received,


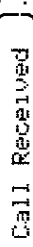
RADIO CALLS

- you will see
- If not, you will see
- 7 Press the **Exit** button to return to
- or—
Hold down the **Exit** button to exit Menu Mode.
- Method 2**
- 1 Press the **Menu/Enter** button to enter Menu Mode.
 - 2 or until
 - 3 Press the **Menu/Enter** button to select
 - 4 or until
 - 5 Press the **Menu/Enter** button to select
- 6 or to locate the desired ID in the Radio Call List;
- or—
using the enhanced keypad microphone, 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, if not, you will see
- 9 Press the **Exit** button to return to
- or—
Hold down the **Exit** button 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:

RADIO CALLS

the  symbol, and the ID of the calling radio alternating with .

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

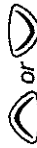
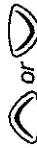
This feature allows you to determine if a radio is in range without disturbing the user of the radio. Radio Check can also be used when attempts with Selective Call and Call Alert fail. (This feature is available only if your signalling protocol supports it.)

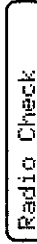
Note: An enhanced keypad microphone is required to operate this feature.

To perform a Radio Check:

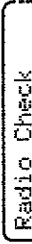
Method 1

- 1 Press the **Radio Call** button (if programmed) to enter the Radio Call menu.



- 2  or  until



- 3 Press the **Radio Call** button to select



RADIO CALLS

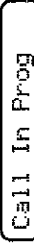
- 4  or  to locate the desired ID in the Radio Call List;

—or—

using the enhanced keypad microphone, enter the ID number of the radio you wish to check.

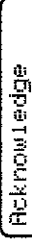
- 5 Press the **PTT**.

You will see

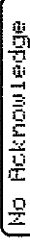


- 6 If the Radio Check is received,

you will see

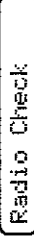


if not, you will see



- 7 Press the **Exit** button to return to



—or—

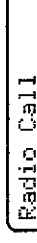


Hold down the **Exit** button to exit Menu Mode.


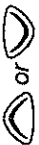
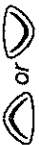




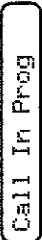
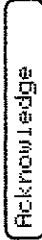

Method 2

- 1 Press the **Menu/Enter** button to enter Menu Mode.

- 2  or  until



RADIO CALLS

- 3 Press the **Menu/Enter** button to select 
- 4  or  until 
- 5 Press the **Menu/Enter** button to select 
- 6  or  to locate the desired ID in the Radio Call List;
--of--
using the enhanced keypad microphone, enter the ID number of the radio you wish to check.
- 7 Press the **PTT**.
You will see 
- 8 If the Radio Check is received, you will see 
If not, you will see 
- 9 Press the **Exit** button to return to
--of--
Hold down the **Exit** button to exit Menu Mode.

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 23 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:

Emergency


- the word Emergency, followed by

MDC CALL 01

- Emergency Alias from the Radio Call List (example, MDC CALL 01), followed by

- Timestamp of the Emergency Alert (example, 03:55).

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.

RADIO CALLS

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.

- 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 footswitch
- 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  (Silent Emergency)
- or–
- Activate the enhanced keypad 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.

RADIO CALLS

SELECTIVE RADIO INHIBIT

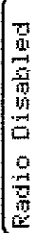
Your radio is equipped with a security feature that can temporarily render the unit inoperative when an inhibit signal is sent from the base station.

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:



REPEATER OR TALKAROUND |→| MODE







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

- The repeater is not operating
- 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– (using the enhanced keypad microphone)

- 1 Press the **Menu/Enter** button to enter Menu Mode.
- 2  or  until  Repeater/Talkaround
- 3 Press the **Menu/Enter** button to select Repeater Mode.
- 4  or  until  Repeater Mode
- 5 Press the **Menu/Enter** button to confirm your selection.



SETTING THE POWER LEVEL LH

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

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



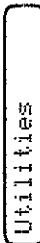
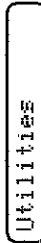



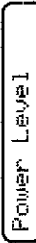
You can set the power level in two ways:

Method 1



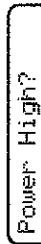


Press the preprogrammed **Power Level** button (see page 6) to toggle between *low* and *high*.

--or--

Method 2 (using the keypad microphone)

- 1 Press the **Menu/Enter** button to enter Menu Mode.
- 2  or  until  Utilities
- 3 Press the **Menu/Enter** button to select  Utilities
- 4  or  until  Power Level
- 5 Press the **Menu/Enter** button to select  Power Level

The display shows the current power level.

- 6  or  until  Power High?
 or until  Power Low?

- 7 Press the **Menu/Enter** button to confirm the selection.

NAME AND CALL TONE TAGGING

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

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

















There are seven alert tones to select from.

Note: The enhanced keypad microphone is required to operate this feature.

To tag a specific user's name or ID:

- 1 Press the **Menu/Enter** button to enter Menu Mode.

RADIO CALLS

- To tag a type of radio call:**
- 2  or  until Audio/Tones
 - 3 Press the **Menu/Enter** button to select Audio/Tones
 - 4  or  until Name Tone Tag
 - 5 Press the **Menu/Enter** button to select Name Tone Tag
 - 6  or  until you see the name or call you want to tag.
 - 7 Press the **Menu/Enter** button to confirm the selection.
 - 8  or  until you hear one of the seven tones you want to use for this name or call.
 - 9 Press the **Menu/Enter** button to confirm the selection. You will see Name Tag Set
 - 10 Press the **Exit** button to return to Name Tone Tag
- or-
- Hold down the **Exit** button to exit Menu Mode.
- 1 Press the **Menu/Enter** button to enter Menu Mode. Audio/Tones
 - 2  or  until Audio/Tones
 - 3 Press the **Menu/Enter** button to select Audio/Tones
 - 4  or  until Call Tone Tag
 - 5 Press the **Menu/Enter** button to select Call Tone Tag
 - 6  or  until you see the call type you want to tag.
 - 7 Press the **Menu/Enter** button to confirm the selection.
 - 8  or  until you hear the tone you want to use for this type of call.
 - 9 Press the **Menu/Enter** button to confirm the selection. You will see Call Tag Set

RADIO CALLS

10 Press the **Exit** button
to return to

Call Tone Tag

-or-

Hold down the **Exit** button to exit Menu Mode.



Notes

RADIO CALLS

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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 in one of three ways:



Method 1

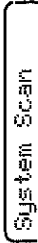
Press the preprogrammed **Scan** button (see page 6) to start or stop scanning.

-or-

Method 2 (with the enhanced keypad microphone)



1 Press the **Menu/Enter** button to enter Menu Mode.

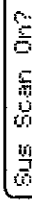
2  or  until



3 Press the **Menu/Enter** button to select



4  or  until



-or-



5 Press the **Menu/Enter** button to confirm your selection.

-or-

Method 3

If programmed by your dealer, the radio will start scanning when you select a channel that has auto scan enabled.

SCAN

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 32) 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

Note: The enhanced keypad microphone is required to operate this feature.

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		
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

Note: The enhanced keypad microphone is required to operate this feature.

To add or delete channels in a scan list:

- 1 Press the **Menu/Enter** button to enter Menu Mode.
- 2 or until **Program Lists**
- 3 Press the **Menu/Enter** button to select **Program Lists**
- 4 or until **Scan List**
- 5 Press the **Menu/Enter** button to select **Scan List**
- 6 or until **Add Entry?** or until **Delete Entry?**
- 7 Press the **Menu/Enter** button 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 Press the **Menu/Enter** button to confirm your selection.
Entry Saved
- 10 If you added a channel, you will see **Entry Saved**
—or—
If you deleted a channel, you will see **Delete?**
Press the **Menu/Enter** button to confirm the deletion.
You will see **Entry Deleted**
- 11 Press the **Menu/Enter** button to return to **Add Entry?** or to return to **Delete Entry?**
—or—
Hold down the **Exit** button to exit Menu Mode.

SCAN

Prioritizing a Channel in a Scan List

Note: The enhanced keypad microphone is required to operate this feature.

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 (Priority 1)	Ch2→Ch1→Ch2→Ch3→ Ch2→Ch4→Ch2→...Ch1
Channel 2 (Priority 1) Channel 8 (Priority 2)	Ch2→Ch1→Ch8→Ch3→ Ch2→Ch4→Ch8→...Ch1

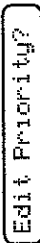
Setting Priority Channels

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

- 1 Press the **Menu/Enter** button to enter Menu Mode.
- 2 or until **Program Lists**
- 3 Press the **Menu/Enter** button to select **Program Lists**
- 4 or until **Scan List**
- 5 Press the **Menu/Enter** button to select **Scan List**
- 6 or until **Edit Priority?**
- 7 Press the **Menu/Enter** button to select **Edit Priority?**
- 8 or until **Priority #1?**
or until **Priority #2?**
- 9 Press the **Menu/Enter** button to select the desired priority level.

10  or  until you see the channel you want to prioritize.

11 Press the **Menu/Enter** button to prioritize that channel.

12 Press the **Exit** button to return to 

--Of--

Hold down the **Exit** button 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.

SCAN

Notes

SCAN


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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

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


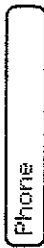
To initiate a phone call:


Press the **Phone** button.

--or--

Do the following (an enhanced keypad microphone is required):

- 1 Switch to the desired channel.
- 2 Press the **Menu/Enter** button to enter Menu Mode.

3  or  until 





4 Press the **Exit** button to select 

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

PHONE

PHONE





- 6** When you hear a dial tone, enter or select a phone number:
 or  to select a number from the phone list;
-or-
when using the enhanced keypad microphone only, enter the phone number using the keypad;
- or-
when using the enhanced 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-
Press the **Exit** button to exit Phone Mode and return to .
-or-
Hold down the **Exit** button to exit Menu Mode.

AUDIO/TONE SETTINGS



AUDIO/TONE SETTINGS

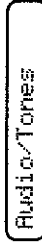
You can customize the audio and tone feature settings on your radio.

Note: The enhanced keypad microphone is required to use this feature.

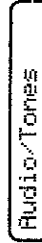
- 4  or  until you see the feature you want to change. (See the table below.)
- 5 Press the **Menu/Enter** button to select the feature. You will see the feature's current setting.
- 6  or  for available settings. (See the table below.)
- 7 Press the **Menu/Enter** button to select the desired setting.

- 1 Press the **Menu/Enter** button to enter Menu Mode.

- 2  or  until



- 3 Press the **Menu/Enter** button to select



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 Ind Alert On
Tone Disable	Turns all tones on or off.	Tones On Tones Off

Audio/Tone Settings





Feature	What it Does	Settings
Name Tone Tag	Assigns a specific tone to all calls from a specific user (see page 25 for details).	Standard Alert #1-#7
Call Tone Tag	Assigns a specific tone when receiving a specific type of radio call (see page 26 for details).	Standard Alert #1-#7
Escalator	Gradually increases the volume of the alarm tones when a call is not answered.	Escalator On Escalator Off
Companding (XPand™)	Approximates the same audio quality for 12.5kHz channels to that of 25kHz channels.	Compand On Compand Off
Keypad Tones	Turns keypad tones on or off.	Tones On Tones Off





UTILITIES

You can customize some of your radio's features.

Note: The enhanced keypad microphone is required to access this feature.

- 4  or  until you see the feature you want to change (see table below).
- 5 Press the **Menu/Enter** button to select the feature. You will see the feature's current setting.
- 6  or  for available settings.
- 7 Press the **Menu/Enter** button to select the desired setting.

- 1 Press the **Menu/Enter** button to enter Menu Mode.

- 2  or  until

Utilities

- 3 Press the **Menu/Enter** button to select

Utilities

Utilities Features

Feature	What it Does	Settings
Power Level	Changes the power level of the radio to high or low (see page 25).	Power High Power Low







UTILITIES

Utilities Features

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

SELECTING THE DISPLAY LANGUAGE

To select the display language:

- 1 Press the **Menu/Enter** button to enter Menu Mode.
- 2  or  until **Utilities**
- 3 Press the **Menu/Enter** button to select **Utilities**
- 4  or  until **Language Select**
- 5 Press the **Menu/Enter** button to confirm your selection.
- 6  or  until desired language is displayed.
- 7 Press the **Menu/Enter** button to select desired language.
- 8 Hold down the **Exit** button to exit the menu.

UTILITIES

WARRANTY

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:

CDM1250 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.

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.



WARRANTY

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

WARRANTY

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

MOUNTING

GLN7324	Low Profile Trunnion
RLN4780	High Profile Trunnion
HLN8097	Removable Slide Mount
RLN4779	Key Lock Mount
RLN4774	3 Point Lowband 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

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/QVhtml/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

ANTENNAS

RAB4002ARB	Lowband 29.7-36 MHz, 1/4 Wave Base Load
RAB4003ARB	Lowband 36-42 MHz, 1/4 Wave Base Load
RAB4004ARB	Lowband 42-52 MHz, 1/4 Wave Base Load
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, 3dB Gain Roof Mount
HAE4002A	UHF 403-430 MHz, 1/4 Wave Roof Mount
HAE4003A	UHF 450-470 MHz, 1/4 Wave Roof Mount
HAE4010A	UHF 406-420 MHz, 3.5dB Gain Roof Mount
HAE4011A	UHF 450-470 MHz, 3.5dB Gain Roof Mount
HAE4019A	UHF 450-470 MHz, 5dB Gain Roof Mount

HAE4004A	UHF 470-512 MHz, 1/4 Wave Roof Mount
HAE4012A	UHF 470-494 MHz, 3.5dB Gain Roof Mount
09-02105F01	BNC Connector

CONTROL STATION

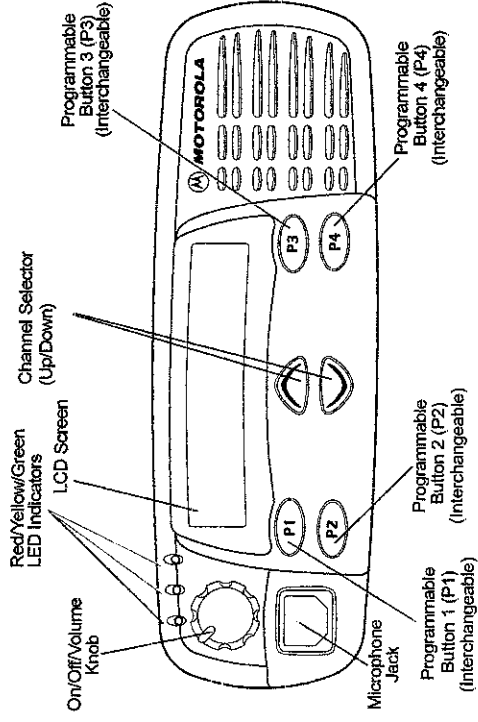
GPN6145	Desktop Power Supply 1-25W (EMC)
HPN4002	Desktop Power Supply 1-25W
GPN6149	Desktop Power Supply 25-45W (EMC)
HPN4001	Desktop Power Supply 25-45W
RMIN4030	Desktop Microphone
GLN7318	Desktop Tray without Speaker
GLN7326	Desktop Tray with Speaker

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.



CDM1250™ Quick Reference Card

Record the functions for your radio's programmable buttons in the table provided below. For further information, see page 6 of this User Guide.



Button	Function	Short Press	Long Press	Hold Down	Page

Sending a Call

1. Turn radio on and select appropriate zone and channel.
2. Press **PTT**, hold the microphone 1 to 2 inches (2.5 to 5 cm) from your mouth, and speak clearly into it.
3. Release **PTT** to listen.

Receiving a Call

1. Turn radio on and adjust volume to the desired level.
2. Select desired channel.
3. To respond to an incoming call, press **PTT**, hold the microphone 1 to 2 inches (2.5 to 5 cm) from your mouth, and speak clearly into it.

Deleting a Nuisance Channel During Scanning

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

Making a Phone Call

1. Press **Phone** button, or select **Phone** from the menu.
2. If access code is not displayed, send access code if required.
3. Send phone number in one of the following ways:
 - Press and release **PTT** to send last dialed number.
 - Or—
 - when using enhanced keypad microphone only, press preprogrammed **Speed Dial** button, followed by a keypad key (1–8), to access first nine numbers in your phone list. (Press **PTT** if buffered dial.)
 - Or—
 - when using enhanced keypad microphone only, enter phone number using the keypad. (Press **PTT** if buffered dial.)
4. Press **PTT**, hold the microphone 1 to 2 inches (2.5 to 5 cm) from your mouth, and speak clearly into it.

Ending a Phone Call

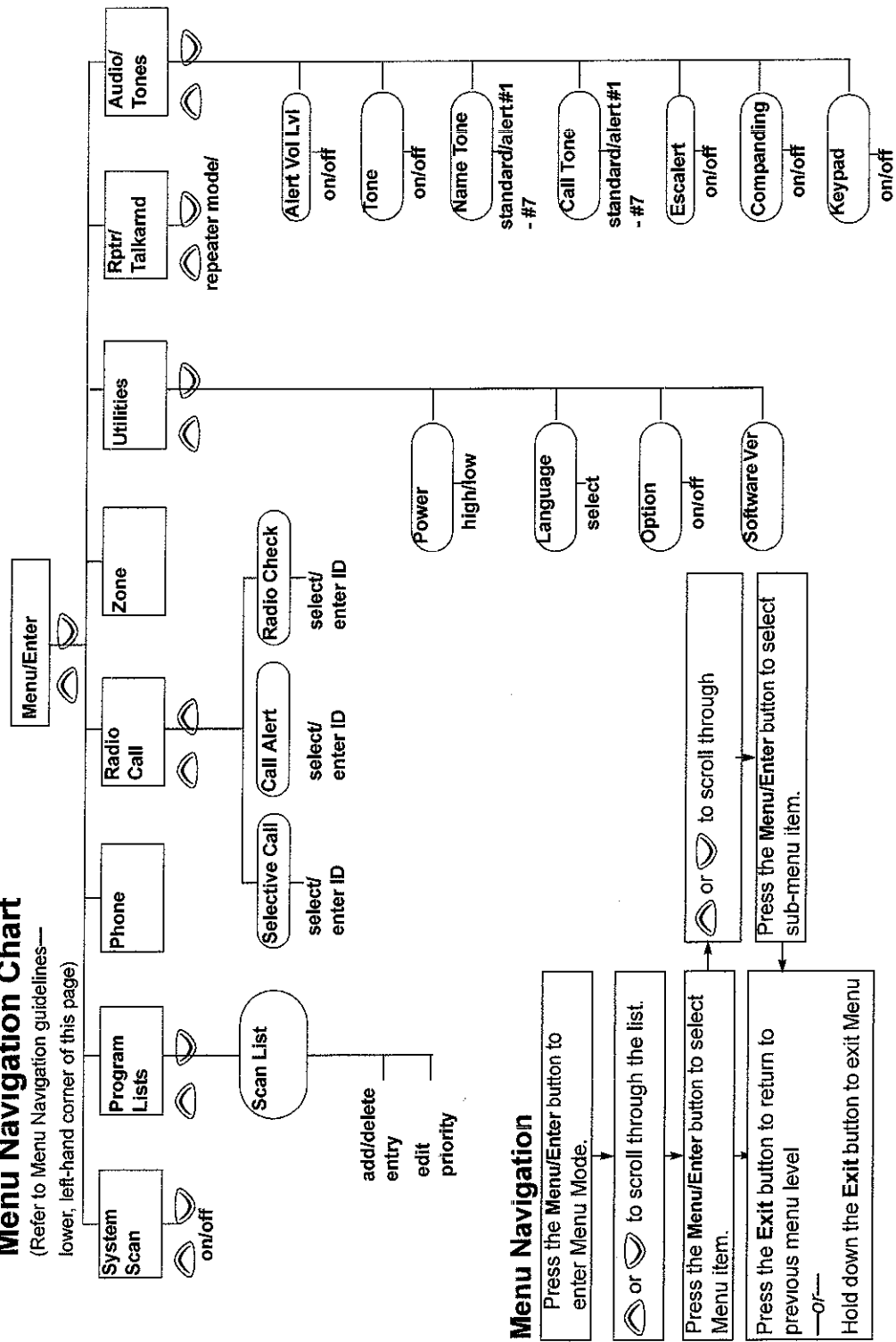
1. Send deaccess code if required.
2. Press preprogrammed **Phone** button, or press the **Exit** key.

Sending and Cancelling an Emergency Alert

- To activate *Emergency Alert*, press preprogrammed **Emergency** button or footswitch.
- To cancel, press and hold down **Emergency** button.

Menu Navigation Chart

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



Menu Navigation

- Press the Menu/Enter button to enter Menu Mode.
- or to scroll through the list.
- Press the Menu/Enter button to select Menu item.
- Press the Exit button to return to previous menu level
—Or—
Hold down the Exit button to exit Menu