

The CDM Series Mobile Portfolio



CDM1550



CDM1250



CDM750



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Product Overview

Why the “CDM Series” Name?

Customer Defined Mobile

- We began the design process by visiting dealers/customers with the highest sales/use of GM300 and MaxTrac mobiles.*
- Marketing and Engineering worked together, utilizing our customer's feedback in the radio design.*
- The radio ergonomics and features were truly “Customer Defined”. The name “Customer Defined Mobile”, or “CDM Series” defines the partnership between Motorola and our customers in the product design.*



What's New? Unique CDM Series Attributes

- *3 New Models!*
- *Large, Easy-To-Use Controls*
- *Programmable Buttons Allow Customized Programming to Match Customer Needs*
- *Replaceable Programmable Buttons Let the Dealer Match Button Labeling to Programmed Features*
- *Large, Easy-To-Read 14 Character Alphanumeric Display on CDM1250 and CDM1550 Models*
- *12.5/25 kHz Switchable Channel Spacing*
- *Enhanced MDC1200 Signaling Features*
- *2 YEAR WARRANTY, PARTS AND LABOR*
- ***CUSTOMER BENEFIT: A FEATURE RICH MOBILE LINE THAT IS EASY TO USE!!***



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What's New?

Initial CDM Series Models

<u>Model</u>	<u>Catalog Model Number</u>	<u>Frequencies/Power</u>
CDM750	AAM25KKC9AA1_N AAM25RKC9AA1_N	136-174 MHz, 25-45w 403-470 MHz, 25-40w
CDM1250	AAM25KKD9AA2_N AAM25RKD9AA2_N	136-174 MHz, 25-45w 403-470 MHz, 25-40w
CDM1550	AAM25KKF9AA5_N AAM25RKF9AA5_N	136-174 MHz, 25-45w 403-470 MHz, 25-40w



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What will the CDM Series Replace?

By the end of 2000, the following models will be replaced by the CDM Series mobile portfolio:

- ***GM300***
- ***MaxTrac***
- ***M130***
- ***M208***
- ***M216***



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Current Models Replaced

The CDM Series Standard Package Includes:

- *Low Profile Mounting Bracket*
- *Standard Compact Microphone*
- *Power Cable*
- *Operating Instruction Manual*
- *Replaceable Button Package*
- *Two Year Warranty, Parts and Labor*



CDM Series of Professional Radio

- ***CDM750: The Practical Radio***

Ideal for organizations with moderate communications requirements. This high-performing mobile provides the essentials to keep users communicating efficiently.

- ***CDM1250: The Versatile Radio***

With expanded features and channels, the CDM1250 is perfect for growing organizations. The versatility of the CDM1250 mobile helps keep productivity at it's highest.

- ***CDM1550: The Sophisticated Radio***

The top-tier CDM1550 is equipped to handle the advanced communication needs of organizations requiring high levels of flexibility and functionality. It delivers all the communication power needed to work at maximum efficiency.



The CDM Series Mobile Portfolio

CDM750: The Practical Radio

- **4 Channels**
- **2 Programmable Option Buttons**
- **Large, Front-Projecting Speaker for Clear, Crisp Audio**
- **Large, Easy-To-Use Controls**
- **Limited MDC 1200 Signaling**



CDM1250: The Versatile Radio

- **64 Channels**
- **12.5/25 kHz Switchable Channel Spacing with X-PAND**
- **14 Character Alphanumeric Display**
- **Full MDC 1200 Signaling**



CDM1550: The Sophisticated Radio

- **128 Channels**
- **Enhanced MDC 1200 Signaling Package**
- **Enhanced Menu Gives Access to All Radio Features**



CDM750 Professional Mobile



CDM750: The Practical Radio

Target Markets: Construction, Transportation

Standard Features:

- *4 Channels*
- *2 Programmable Option Buttons*
- *Large, Front-Projecting Speaker for Clear, Crisp Audio*
- *Large, Easy-To-Use Controls*
- *Limited MDC 1200 Signaling*



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CDM750 Professional Mobile Key Features



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CDM750 Key Features

CDM1250 Professional Mobile



CDM1250: The Versatile Radio

Target Markets: Construction, Transportation, State and Local, Utilities

Expanded CDM1250 Features:

- *64 Channels*
- *12.5/25 kHz Switchable Channel Spacing with X-PAND*
- *Large, easy-to-read 14 Character Alphanumeric Display*
- *Full MDC 1200 Signaling*



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CDM1250 Professional Mobile Key Features

Additional CDM1250 Features:

- Large, easy-to-use controls
- Powerful, front-projecting speaker
- 12.5/25 kHz switchable channel spacing
- Remote mountable control head
- Data capable



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CDM1250 Key Features

CDM1550 Professional Mobile



CDM1550: The Sophisticated Radio

Target Markets: Construction, Transportation, State and Local, Utilities

Expanded CDM1550 Features:

- *128 Channels*
- *Enhanced MDC 1200 Signaling Package*
- *Enhanced Menu Gives Access to All Radio Features*



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CDM1550 Professional Mobile Key Features

Additional CDM1550 Features:

- Large, easy-to-use controls
- Powerful, front-projecting speaker
- 12.5/25 kHz switchable channel spacing
- Remote mountable control head
- Data capable

128 Channels

Large Control Buttons

Easy management of menu, navigation, and exit functions

Multicolored LED Indicators

Clear, visible feedback of transmit, scan, and monitor status

14-Character Alphanumeric Display with User-Friendly Icons

Information is clear and easy to read

Multi-Language Capabilities – Can be programmed in English, Spanish, French, Portuguese

RSSI Indicator – Displays signal strength level

Caller ID – Identifies incoming callers

Quick Call II® and Enhanced MDC 1200 Signaling (Encode/Decode)

Send and receive information via tone or digital signals

X-Pand Audio Enhancement

Crisper, clearer audio quality

4 Customizable Function Buttons (P1, P2, P3, P4)

Program for instant access to favorite features and label according to function

Dual Priority Scan

Frequently scans higher priority channels

Repeater Talkaround

Unit-to-unit communication, bypassing the repeater

Covert Emergency Signaling

Discreetly sends help signal

Horn and Lights Activation

Notifies users of call alerts/selective calls when away from vehicle

Call Alert

Notifies individual users that you're trying to reach them

Selective Call

Call a specific group or individual

DTMF Encode/Decode

Send and receive pages and telephone calls

Status Message

Exchange text messages between base and user

Optional Voice Storage

Record important messages or personal memos



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CDM1550 Key Features

CDM Series Signaling Capabilities

<u>MDC Feature</u>	<u>CDM750</u>	<u>CDM1250</u>	<u>CDM1550</u>
• Quik-Call II Encode		X	X
• Quik Call II Decode		X	X
• MDC Call Alert Encode		X	X
• MDC Call Alert Decode		X	X
• MDC Selective Call Encode		X	X
• MDC Selective Call Decode		X	X
• MDC Push-To-Talk ID Encode	X	X	X
• MDC Push-To-Talk ID Decode		X	X
• MDC Emergency Encode		X	X
• MDC Emergency Decode		NR	NR
• MDC Covert Emergency Encode			X
• MDC Covert Emergency Decode			NR
• MDC Radio Check Encode		X	X
• MDC Radio Check Decode		X	X
• MDC Status/Message Encode			X
• MDC Selective Radio Inhibit	X	X	X

NR = Added In Next Software Release



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MDC1200 Signaling Capabilities

Programmable Button Options

CDM1550:

- Scan
- Monitor
- Repeater Talkaround
- Option Board
- High/Low Power
- Auxiliary Output
- Data
- Status/Message
- Emergency
- Nuisance Channel Delete
- Direct Channel Access
- Home Channel Access
- Backlight Control
- Radio Call
- Menu Functions

CDM1250:

- Scan
- Monitor
- Repeater Talkaround
- Option Board
- High/Low Power
- Auxiliary Output
- Data
- Emergency
- Nuisance Channel Delete
- Direct Channel Access
- Home Channel Access
- Backlight Control
- Radio Call
- Menu Functions

CDM750:

- Scan
- Monitor
- Repeater Talkaround
- Option Board
- High/Low Power
- Auxiliary Output
- Data

Replaceable buttons are available to customize the button labeling on the keypad to match the programmed function. Please see Basic Service Manual for part numbers.



CDM Series Accessories

- *Microphones*
- *Mounting/Installation Accessories*
- *Control Station Accessories*



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Accessories

CDM Series Microphones



RMN4025 Standard Compact Microphone



NEW!

Includes 3
Programmable
buttons!

RMN4026 Enhanced Keypad Microphone



RMN4038 Heavy Duty Microphone



NEW!

REX4617 Telephone Style Handset



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Microphones

The CDM Series of Professional Mobile...



CDM1550



CDM1250



CDM750



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As Dedicated As You Are