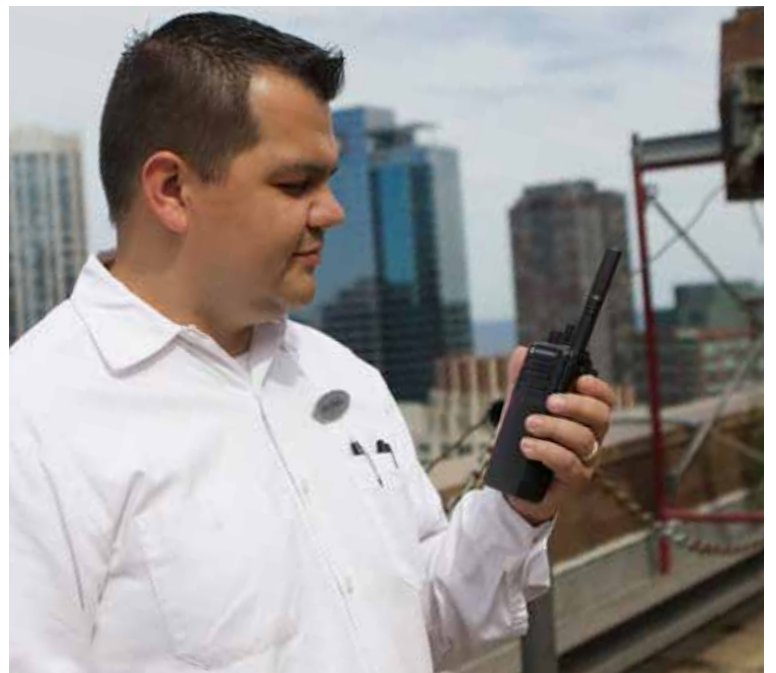




MOTOTRBO™ TWO-WAY RADIOS AT A GLANCE

 **MOTOROLA SOLUTIONS**



MOTOTRBO DIGITAL RADIOS

CONNECT YOUR ENTIRE OPERATION SEAMLESSLY, SAFELY AND EFFICIENTLY

Whatever you do, wherever you work, be more efficient, productive and safe with the unparalleled performance of MOTOTRBO professional radios. They deliver advanced digital technology for real-time voice and data communications along with the industry's largest portfolio of data applications. Now you can communicate instantly, coordinate seamlessly and work efficiently. From ultra-light portables to extra-tough mobiles, you'll find the right device to get the job done right.



CRYSTAL-CLEAR AUDIO

Experience superb audio in the loudest environments. Intelligent Audio automatically adjusts radio volume up and down. Noise Suppression filters out background sounds so you hear and be heard clearly.



SAFETY-FOCUSED

Prioritize communication the moment it's needed with Transmit Interrupt. Man-Down and Lone Worker apps call for help when personnel can't. Location-tracking monitors vehicles, assets and personnel in real time.



EASY-TO-READ DISPLAYS

See information quickly with large, full color displays featuring superior resolution. View easily in broad daylight and use the night modes for dark environments.



PRODUCTIVITY-ENHANCING

Benefit from the industry's largest application developer program with a wide variety that includes location tracking, Bluetooth data, email gateways, dispatch, telephony and work order ticket management.



INTEGRATED BLUETOOTH®

Bluetooth® audio and data lets you work and move freely without wires in the way. Now send and receive information in real-time and not at the end of a shift. (Select models.)



HIGH-PERFORMING

Long-lasting Motorola batteries are ideal for multiple shifts – up to 29 hours – so you work without interruption. (Only applies to new "e" model radios, excluding the SL series.)



INTEGRATED WI-FI®

The latest MOTOTRBO radios have built-in Wi-Fi, for even greater possibilities - starting with remote software and firmware updates.



EVERY DAY RUGGED

Tightly sealed against wind and dust, the most rugged models are submersible in up to 6 ft of water.

DEP™ AND DEM™ SERIES

RUGGED AND SIMPLE, FOR THE EVERYDAY USER WHO NEEDS TO STAY CONNECTED

DEP™ 450 PORTABLE RADIO

Enjoy great voice communications today and a path to crisp, clear digital voice communications when you're ready. Rugged, reliable and cost-effective, the DEP™450 radio delivers simple voice communications for the everyday worker who wants to stay connected. This hard-working portable is rated IP54, so it's splash-proof and virtually dustproof for daily use in harsh environments.

[CLICK HERE FOR FEATURES AND SPECS](#)



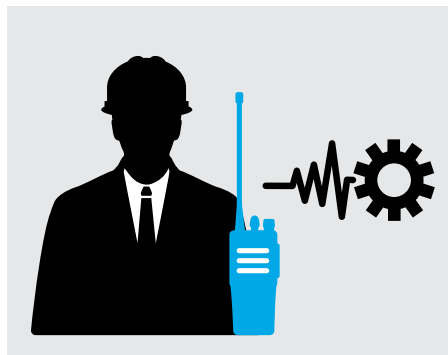
DEM™ 400 AND DEM™ 300 MOBILE RADIOS

Experience efficiency on the go with the DEM™300 and DEM™400 mobiles, the companion to DEP™450 portables. Migrate to digital with a simple software upgrade with affordable mobiles that help drivers communicate safely. See important information at a glance with the bright, high contrast alphanumeric screen on the DEM™400 or choose the DEM™300 with fewer channels and a simple numeric display.

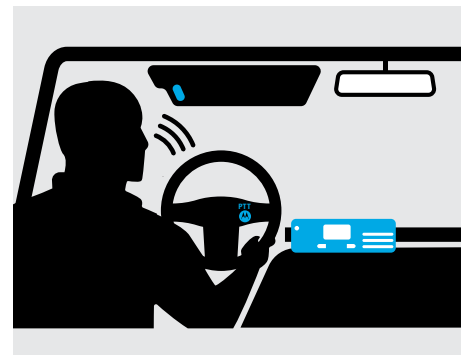
[CLICK HERE FOR FEATURES AND SPECS](#)



A construction worker trusts his DEP™450 portable for excellent coverage across a vast site. Long battery life means he can communicate all day.



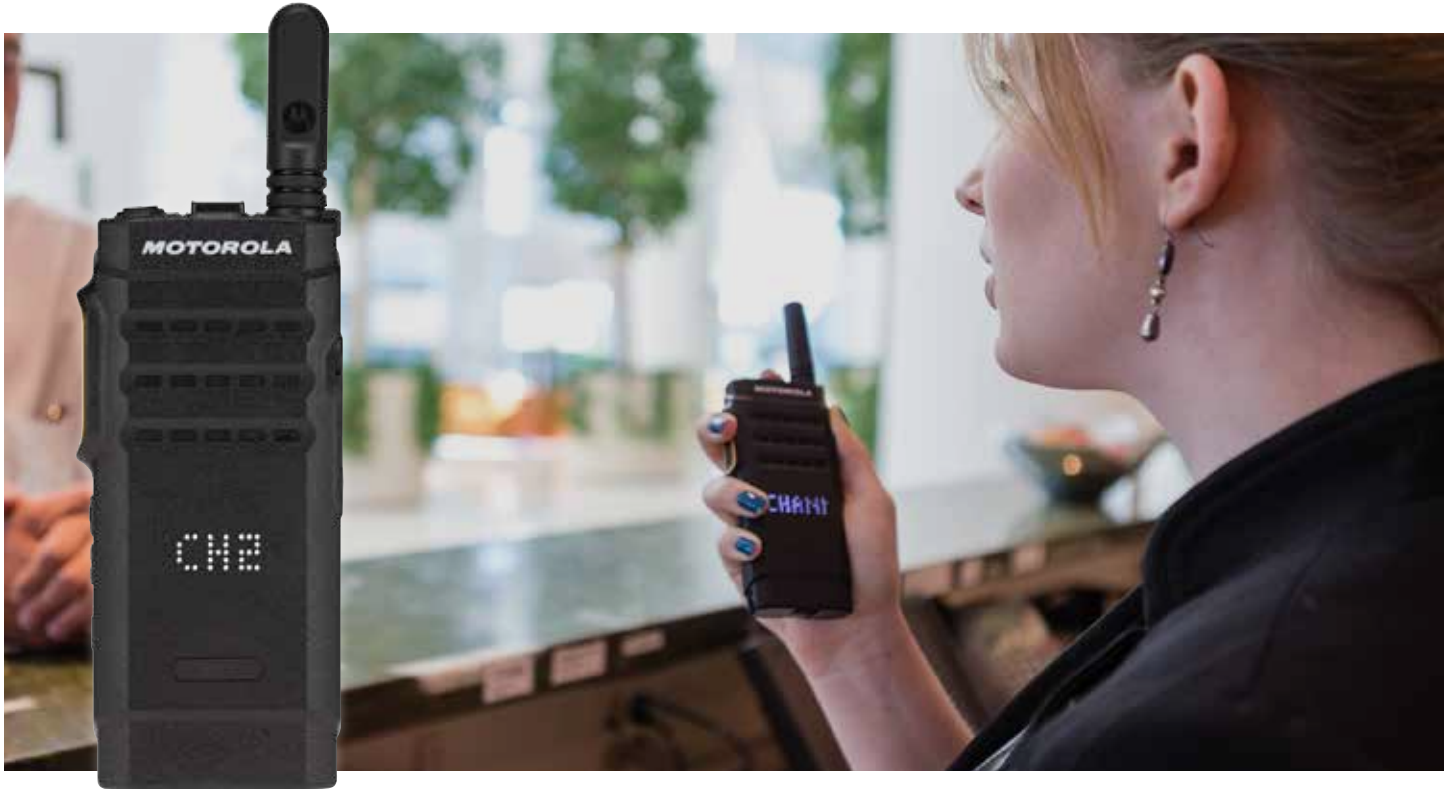
The manufacturing team relies on their DEP™450 portables to coordinate production. Noise-canceling software filters out the clamor of the machinery.



A delivery driver uses his DEM™300 mobile radio to double-check an address. The visor mic and steering wheel-mounted PTT button let him communicate safely while driving.

SL500

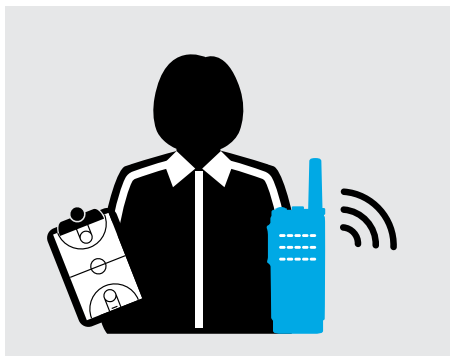
SLIM AND PORTABLE, FOR THE CUSTOMER SERVICE USER WHO WANTS INTUITIVE TECHNOLOGY



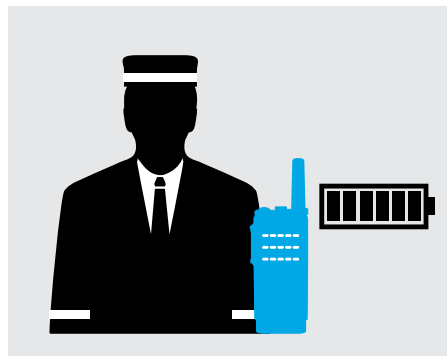
SL500 PORTABLE RADIO

Get reliable PTT communication in an ultra-slim and rugged profile. Less than an inch thick, with a low-profile stubby antenna, the ultra-portable SL500 can be comfortably carried in pockets or purses. The eye-catching "Active View" display combines ruggedness with efficiency to show important radio information at a glance. Ideal for the worker in customer service, the SL500 is ergonomically designed to make it easy to be efficiently connected.

[CLICK HERE FOR FEATURES AND SPECS](#)



A high school athletic coach relies on the slim SL500 portable in her jacket to coordinate with school personnel. It's light and portable, but rugged enough to survive out on the running track.



The hotel porter depends on his SL500 portable to talk to shuttle bus drivers about incoming guests. Long battery life means he can communicate all day.



A hospital administrator uses her SL500 portable to connect to staff on a high floor. Its Range Max technology provides excellent coverage as she walks throughout the building.

DEP™500e SERIES AND DEM™500

A PERFECT BALANCE, FOR THE BUSY WORKER WHO NEEDS EFFECTIVE COMMUNICATIONS

DEP™500e SERIES PORTABLE RADIOS

DEP™500e Series radios connect you more efficiently and effectively wherever you work. Now you can tap into the right balance of features and functionality in a next-generation portable that's very affordable.

With integrated Bluetooth® and Wi-Fi connectivity, amped-up audio, double the energy efficiency, a watertight body and intuitive accessories, the DEP™500e Series is your productivity-boosting business tool.

[**CLICK HERE FOR FEATURES AND SPECS**](#)



DEM™500 MOBILE RADIO

The DEM™500 puts digital within easy reach for the busy worker on the go. With enhanced features and integrated systems capability, it helps them work safely and productively. Voice announcement calls out channel and zone changes to keep their eyes on the road. One-touch programmable buttons provide fast access to key radio features.

[**CLICK HERE FOR FEATURES AND SPECS**](#)



WHAT'S NEW IN THE NEXT-GENERATION DEP™500e SERIES

MORE CONNECTED

- Integrated Wi-Fi, ideal for downloading new software remotely
- Integrated Bluetooth 4.0 (Check availability)

MORE EFFICIENT

- High-efficiency low voltage battery for up to 29 hours battery life
- Louder, virtually distortion-free audio for super-clear communication

MORE EFFECTIVE

- IP67 rating for better resistance to water and dust
- Innovative new accessories

DGP™8000e/DGP™5000e SERIES AND DGM™8000e/DGM™5000e SERIES

TOTAL CONNECTIVITY, FOR THE SKILLED PROFESSIONAL WHO REFUSES TO COMPROMISE



DGP™8000e/DGP™5000e SERIES PORTABLE RADIOS

The DGP™8000e/DGP™5000e Series radios connect you completely to make seamless voice and data an everyday reality. Bluetooth lets you talk and work freely without wires in the way. Bluetooth data enables you to send real-time information back to the office immediately. Integrated GPS tracks mobile workers and assets and text messaging simplifies communication when voice isn't feasible.

With integrated Bluetooth and Wi-Fi connectivity, amped-up audio, double the energy efficiency, a water-tight body and intuitive accessories, the DGP™8000e/DGP™5000e Series has everything you need to excel.

[**CLICK HERE FOR FEATURES AND SPECS**](#)



DGM™8000e/DGM™5000e SERIES MOBILE RADIOS

These high-powered mobile radios connect you completely without compromise. With special enhancements and innovative features, you're free to achieve more – especially in the loudest environments. With Intelligent Audio and noise-canceling that knocks out background noise, your crews can hear and be heard clearly wherever they work.

With integrated Bluetooth and Wi-Fi connectivity, amped-up audio, enhanced GPS and intuitive accessories, including a specialized connector for lights, horns and security sensors, the DGM™8000e/DGM™5000e Series has everything you need to drive business further.

[**CLICK HERE FOR FEATURES AND SPECS**](#)

WHAT'S NEW IN THESE NEXT GENERATION RADIOS

MORE CONNECTED

- Integrated Wi-Fi, ideal for downloading new software remotely
- Integrated Bluetooth 4.0, with Indoor Location-Tracking capability (DGP™8000e/DGP™5000e Series and SL8550e)

MORE EFFICIENT

- High-efficiency low voltage battery for up to 29 hours battery life (DGP™8000e/DGP™5000e Series)
- Louder, virtually distortion-free audio for super-clear communication

MORE EFFECTIVE

- IP68 rating for better resistance to water and dust (DGP™8000e/DGP™5000e Series)
- Integrated accelerometer for stronger worker safety (DGP™8000e/DGP™5000e Series)
- Innovative new accessories

MANUFACTURING

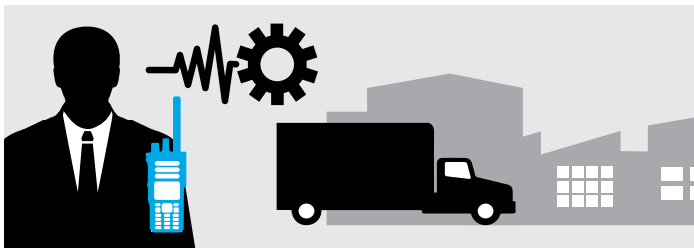


A plant supervisor uses his DGP™8550e radio on the production floor to call for more raw materials. As he's wearing a Bluetooth headset, he doesn't even need to lift the radio from his belt.

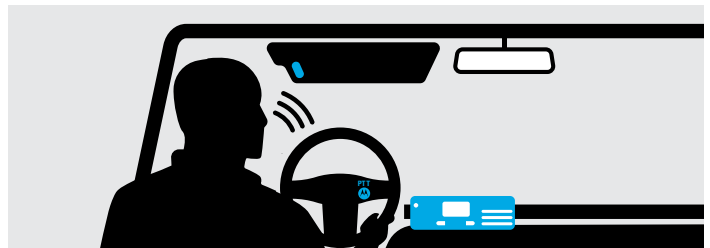


The dispatcher at the plant sends a Work Order Ticket to the fork truck driver, and the Text-to-Speech feature on his DGP™8550e radio reads it out loud.

TRANSPORTATION & LOGISTICS

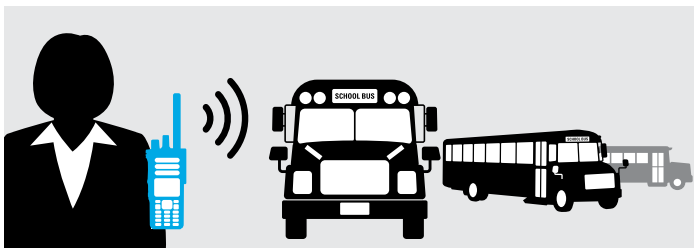


A logistics manager relies on his DGP™8550e portable to coordinate truck drivers delivering shipping containers to multiple warehouses. The radio's noise-cancellation cuts through the engine noise in the loading dock, so he can be heard clearly.

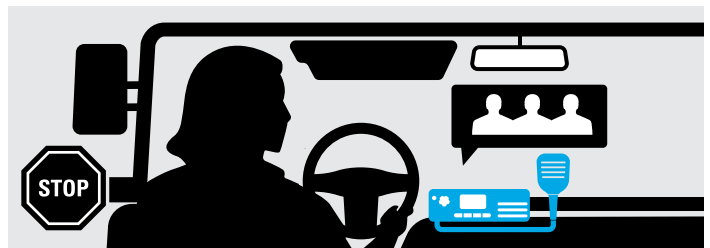


His drivers use their DGM™8500e mobile radios to confirm they are enroute. Their visor mics and steering wheel-mounted PTT buttons let them communicate safely without taking their eyes off the road.

EDUCATION



A rural school district coordinates their bus fleet using DGP™8550e radios. A principal uses transmit interrupt to break into the channel and report a missing student.



The bus driver responds to the group call using her DGM™8500e mobile radio to let everyone know the student is safely on-board her bus.

SL 8550e

SLEEK AND SMART, FOR THE BUSINESS MANAGER WHO NEEDS COMPLETE CONTROL



SL 8550e PORTABLE RADIO

This advanced edition of slim and light MOTOTRBO portable radios connects you with true sophistication. Pocket-sized yet powerful, the SL 8550e radio is turbo-charged with special enhancements and innovative features that put you in total control.

With 3 watts of power, integrated Bluetooth and Wi-Fi connectivity, amped-up audio, double the energy efficiency, a durable body and intuitive accessories, the SL 8550e is your smart super-portable.

[CLICK HERE FOR FEATURES AND SPECS](#)

WHAT'S NEW IN THIS NEXT GENERATION RADIO

MORE POWERFUL

- Turbo-charged with 3 watts of transmitter power

MORE CONNECTED

- Integrated Wi-Fi, ideal for downloading new software remotely
- Integrated Bluetooth 4.0, with Indoor Location-Tracking capability

MORE EFFECTIVE

- Integrated accelerometer for stronger worker safety

WAVE™ WORK GROUP COMMUNICATIONS

With wireline integration to MOTOTRBO Connect Plus and Capacity Plus systems, WAVE Work Group Communications lets your mobile and office workers connect with simple, secure and affordable broadband push-to-talk (PTT), wherever they are.

WAVE 3000

EXTEND MOTOTRBO TO SMARTPHONES AND TABLETS

WAVE 3000 delivers instant and secure broadband PTT communications for small to medium businesses. Whether you're communicating with MOTOTRBO radio users or with other smartphone users, WAVE 3000 makes it simple and affordable. WAVE 3000 can be integrated with your MOTOTRBO Connect Plus and Capacity Plus systems, but can also be used as a standalone broadband PTT solution where radios are not required.

TURN YOUR APPLE OR ANDROID DEVICE INTO A MULTI-CHANNEL PTT HANDSET

Not everyone needs or wants to carry a radio handset. But they do want instant, secure access to important communications wherever they are. With a WAVE Mobile Communicator installed on a smartphone, tablet or custom handheld, any user can access MOTOTRBO communications from any location, talking with groups of other users or individuals as required.

WAVE 5000

INTEGRATE MOTOTRBO WITH ENTERPRISE IT AND EXTEND TO PCS, TELEPHONY, SMARTPHONES AND TABLETS

WAVE 5000 enables highly scalable, feature rich, enterprise grade PTT on broadband networks and devices so that critical, time-sensitive information flows quickly and securely between mobile workers, teams and citizens.

From two-way radios to smartphones, laptops to landlines, tablets to rugged handhelds, WAVE 5000 lets your users use the devices they already have and the networks they already subscribe to connect and talk to others both inside and outside of your communications environment. Wireline or donor radio integrations with MOTOTRBO ensure system scalability and deployment flexibility.

WAVE MOBILE COMMUNICATOR FOR WAVE 3000 AND WAVE 5000



Group Call



Private Call



Mapping



Group Text

WAVE COMMUNICATORS

ENABLE YOUR WORKFORCE TO CONNECT AND COLLABORATE

Whatever the device or available network, WAVE has client applications that meet the needs of all types of users. Called WAVE Communicators, these applications provide the user interface to a WAVE communications system.



Define and manage your MOTOTRBO communications environment with WAVE Advanced Desktop Communicator.



Give authorized PC users controlled access to MOTOTRBO communications channels with the WAVE Desktop Communicator.



With WAVE Web Communicator you can use a web browser to access your MOTOTRBO radio channels.

MOTOTRBO PORTABLE RADIO FEATURES

| FEATURE | DESCRIPTION | | | DEP™500e SERIES | | DGP™8000e/DGP™5000e SERIES | | | | |
|--|---|----------|----------|-------------------|-------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | | DEP™450 | SL500 | DEP™550e | DEP™570e | DGP™8050e | DGP™5050e | DGP™8550e | DGP™5550e | SL8550e |
| FREQUENCY BAND | Capable of operation in the following bands | UHF, VHF | UHF, VHF | VHF, 350 MHz, UHF | VHF, 350 MHz, UHF | 350 MHz, UHF, 800/900 MHz | 350 MHz, UHF, 800/900 MHz | 350 MHz, UHF, 800/900 MHz | 350 MHz, UHF, 800/900 MHz | UHF1 and UHF2, 800/900MHz |
| CHANNELS | Programmable channel capacity | 16 | 2, 99 | 16 | 128 | 32 | 32 | 1000 | 1000 | 1000 |
| IP RATING | Rated sealing for dust and water ingress | IP54 | IP54 | IP67 | IP67 | IP68 | IP68 | IP68 | IP68 | IP54 |
| DIGITAL | DMR standard digital voice communications | ○ | ● | ● | ● | ● | ● | ● | ● | ● |
| ANALOG | Analog voice communications | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| BASIC PRIVACY | Basic protection against casual eavesdropping | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| BLUETOOTH AUDIO | Wireless connection for earpieces and headsets | | | | | ● | ● | ● | ● | ● |
| BLUETOOTH DATA | Wireless connection for data communications | | | | | ● | ○ | ● | ○ | ● |
| DISPLAY | Visual readout of radio functions | | ● | | ● | | | ● | ● | ● |
| EMERGENCY CALL | Radio can initiate Digital Emergency process | ●* | ●* | ●* | ●* | ● | ● | ● | ● | ● |
| ENHANCED PRIVACY | Encryption of voice traffic using ARC4 with 40bit keys | | | ○ | ○ | ● | ○ | ● | ○ | ● |
| GPS | Embedded GPS receiver for location monitoring | | | | | ● | | ● | | |
| HAZLOC | Radio is designed for use in flammable atmospheres | | | ○ | ○ | ○ | ○ | ○ | ○ | |
| IMPRES™ ENERGY | Radio supports IMPRES smart battery technology | | | ● | ● | ● | ● | ● | ● | ● |
| IMPRES OVER-THE-AIR | Radio supports IMPRES Over The Air Battery Management | | | ● | ● | ● | ● | ● | ● | ● |
| INDOOR LOCATION-TRACKING | Bluetooth-based indoor positioning | | | | | ○ | ○ | ○ | ○ | ○ |
| INTELLIGENT AUDIO | Automatic volume control based on background noise levels | | | ● | ● | ● | ● | ● | ● | ● |
| KEYPAD | Full (F) or limited (L) keypad for control and data entry | | | | L | | | F | F | F |
| LONE WORKER | Initiates emergency if user does not respond to periodic alerts | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| MAN DOWN | Initiates emergency based on radio orientation or movement | | | | | ○ | ○ | ○ | ○ | |
| OTAP | Radio can be programmed Over-The-Air | | | ● | ● | ● | ● | ● | ● | ● |
| RADIO DISABLE/ENABLE | Radio can remotely disable and/or re-enable another radio | | | ● | ● | ● | ● | ● | ● | ● |
| REMOTE MONITOR | Radio can remotely activate another radio's microphone | | | ● | ● | ● | ● | ● | ● | ● |
| TEXT MESSAGING | Radio can send and/or receive text messages | | | | | ● | ● | ● | ● | ● |
| TEXT TO SPEECH | Radio can read text and settings out loud | | | | | ○ | ○ | ○ | ○ | ○ |
| THIRD PARTY APPLICATIONS | Radio can use data to support third party applications | | | | | ● | ● | ● | ● | ● |
| TRANSMIT INTERRUPT | Radio can force another radio to stop transmitting | | | ○ | ○ | ● | ○ | ● | ○ | ● |
| USER-SELECTABLE AUDIO PROFILES | Radio's sound can be customized by user | | | ● | ● | ● | ● | ● | ● | ● |
| VIBRATE | Silent alert of incoming calls and texts | | | ○ | ○ | ○ | ○ | ○ | ○ | ● |
| VOICE ANNOUNCEMENT | Audible confirmation of selected operations of the radio | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| WI-FI | Integrated Wi-Fi capability | | | ● | ● | ● | ● | ● | ● | ● |
| DIRECT MODE | Radio is capable of direct radio-to-radio operation | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CONVENTIONAL | Radio can operate on basic repeater systems | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| IP SITE CONNECT | Radio can operate on IP Site Connect systems | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ● |
| CAPACITY PLUS (SINGLE/MULTI-SITE) | Radio can operate on Capacity Plus systems | | | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| CAPACITY MAX | Radio can operate on Capacity Max systems | | | | | ○ | ○ | ○ | ○ | ○ |
| CONNECT PLUS | Radio can operate on Connect Plus trunked systems | | | | | ○ | ○ | ○ | ○ | ○ |

* Does not have dedicated red emergency button

○ OPTIONAL (Extra Cost) ● STANDARD



MOTOTRBO MOBILE RADIO FEATURES

| FEATURE | DESCRIPTION | DEM SERIES | | | DGM™8000e/DGM™5000e SERIES | | | |
|--|--|------------|----------|----------|--------------------------------|-----------|-----------|-----------|
| | | DEM™300 | DEM™400 | DEM™500 | DGM™8000e | DGM™5000e | DGM™8500e | DGM™5500e |
| FREQUENCY BAND | Capable of operation in the following bands | VHF, UHF | VHF, UHF | VHF, UHF | VHF, 350 MHz, UHF, 800/900 MHz | | | |
| CHANNELS | Programmable channel capacity | 16 | 99 | 128 | 32 | 32 | 1000 | 1000 |
| IP RATING | Rated sealing for dust and water ingress | IP54 | IP54 | IP54 | IP54 | IP54 | IP54 | IP54 |
| DIGITAL | DMR standard digital voice communications | ○ | ○ | ● | ● | ● | ● | ● |
| ANALOG | Analog voice communications | ● | ● | ● | ● | ● | ● | ● |
| ALPHANUMERIC DISPLAY | Display for easy access to advanced features | | ● | ● | | | ● | ● |
| BASIC PRIVACY | Basic protection against casual eavesdropping | ● | ● | ● | ● | ● | ● | ● |
| BLUETOOTH AUDIO | Wireless connection for earpieces and headsets | | | | ● | ● | ● | ● |
| BLUETOOTH DATA | Wireless connection for data communications | | | | ● | ○ | ● | ○ |
| CONTROL STATION | Radio can be configured as a Dispatch or Control Station | ● | ● | ● | ● | ● | ● | ● |
| EMERGENCY CALL | Radio can initiate Digital Emergency process | ●* | ●* | ● | ● | ● | ● | ● |
| ENHANCED PRIVACY | Encryption of voice traffic using ARC4 with 40bit keys | | | ○ | ● | ○ | ● | ○ |
| GPS | Embedded GPS receiver for location monitoring. (Additional app and infrastructure may be need) | | | | ● | | ● | |
| INDOOR LOCATION-TRACKING | Bluetooth-based indoor positioning | | | | ○ | ○ | ○ | ○ |
| INTELLIGENT AUDIO | Automatic volume control based on background noise levels | | | ● | ● | ● | ● | ● |
| LONE WORKER | Initiates emergency if user does not respond to periodic alerts | | | ● | ● | ● | ● | ● |
| NUMERIC DISPLAY | Clear display of channel number on front of radio | ● | | | ● | ● | | |
| OTAP | Radio can be programmed Over-The-Air | | | ● | ● | ● | ● | ● |
| RADIO DISABLE/ENABLE | Radio can remotely disable and/or re-enable another radio | ● | ● | ● | ● | ● | ● | ● |
| REMOTE MONITOR | Radio can remotely activate another radio's microphone | ● | ● | ● | ● | ● | ● | ● |
| REMOTE MOUNT CONTROL HEAD | Control head can be located separately from radio | | | | ○ | ○ | ○ | ○ |
| TEXT MESSAGING | Radio can send and receive text messages | | | | ● | ● | ● | ● |
| TEXT TO SPEECH | Radio can read text and settings out loud | | | | ○ | ○ | ○ | ○ |
| THIRD PARTY APPLICATIONS | Radio can use data to support third party applications | | | | ● | ● | ● | ● |
| TRANSMIT INTERRUPT | Radio can force another radio to stop transmitting | | | ○ | ● | ○ | ● | ○ |
| USER-SELECTABLE AUDIO PROFILES | Radio's sound can be customized by user | | | | ● | ● | ● | ● |
| VOICE ANNOUNCEMENT | Audible confirmation of selected operations of the radio | ● | ● | ● | ● | ● | ● | ● |
| WI-FI | Integrated Wi-Fi capability | | | | ● | ○ | ● | ○ |
| DIRECT MODE | Radio is capable of direct radio-to-radio operation | ● | ● | ● | ● | ● | ● | ● |
| CONVENTIONAL | Radio can operate on basic repeater systems | ● | ● | ● | ● | ● | ● | ● |
| IP SITE CONNECT | Radio can operate on IP Site Connect systems | ○ | ○ | ○ | ● | ○ | ● | ○ |
| CAPACITY PLUS (SINGLE/MULTI-SITE) | Radio can operate on Capacity Plus systems | | | ○ | ○ | ○ | ○ | ○ |
| CAPACITY MAX | Radio can operate on Capacity Max systems | | | ○ | ○ | ○ | ○ | ○ |
| CONNECT PLUS | Radio can operate on Connect Plus systems | | | | ○ | ○ | ○ | ○ |

* Does not have dedicated red emergency button

○ OPTIONAL (Extra Cost) ● STANDARD

WHEN BUSINESSES RELY ON MOTOTRBO, THEY TRANSFORM THEIR WORKPLACE



From the loading dock to the front office, the classroom to the hotel lobby, MOTOTRBO is helping operations, large and small, work more efficiently, productively and safely in the most challenging and competitive environments.

Enterprises worldwide are transforming their workplace with MOTOTRBO's renowned digital platform and expertly-integrated systems, applications, accessories and services.

MOTOTRBO digital communications unify different teams, departments and facilities to help companies be resilient, operations run smoothly and commerce thrive.

For more information, resources and case studies, visit
www.motorolasolutions.com/caribbean/MOTOTRBO

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