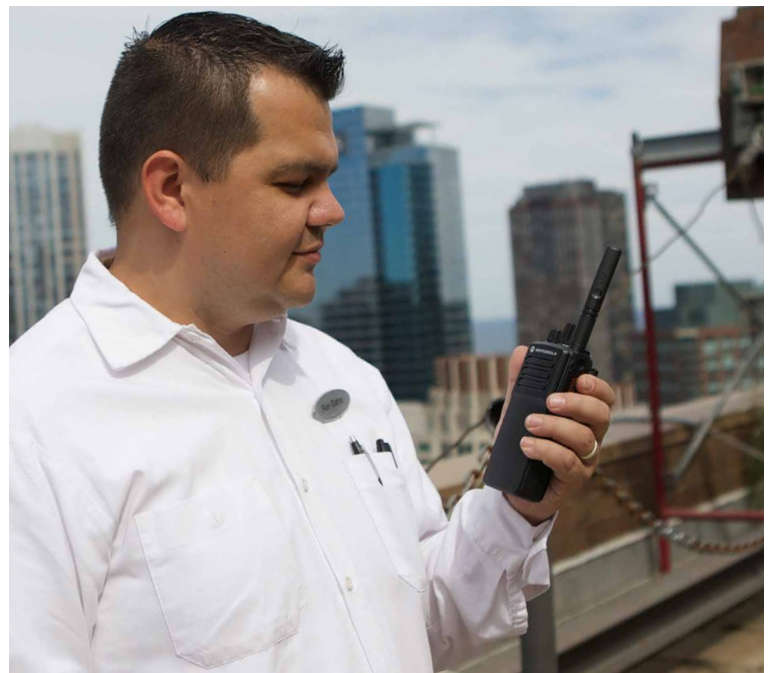


MOTOTRBO™ TWO-WAY RADIOS AT A GLANCE

 **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](#)



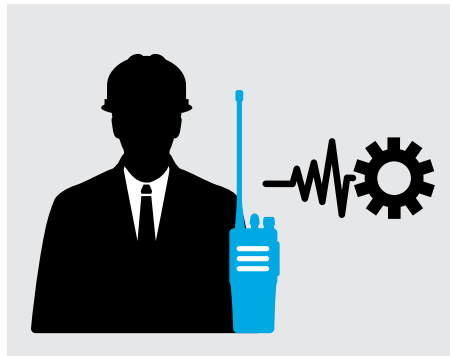
DEM™ 400 AND DEM™ 300 MOBILE RADIOS

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 SERIES

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

SL500e PORTABLE RADIO

Slim, lightweight, and sophisticated. The MOTOTRBO SL500e portable two-way radio gives you instant communication – without the bulky look and feel of a traditional radio. At just 0.9" (23 mm), it fits easily in your hand or discreetly in a suit jacket or pants pocket. At only 6.7" (189 grams), you can move freely and comfortably without being weighed down. The SL500e is part of our Team Communications solution that allows employees to communicate instantly, without boundaries, across the entire organization.

[CLICK HERE FOR FEATURES AND SPECS](#)



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](#)



WHAT'S NEW IN THE NEXT GENERATION SL500e RADIOS?

MORE CONNECTED

- Built-in Wi-Fi for easy over-the-air software updates
- Discreet connection to Bluetooth® earpieces and sensors, maintaining a smart look

MORE EFFICIENT

- With a virtual keypad and display, the SL500e gives you a fast and easy way to navigate functions and receive information at a glance.
- Audio can always be clearly heard even when speaking in a very low voice

MORE EFFECTIVE

- It is scalable for higher call capacity thanks to effective channel and spectrum usage of MOTOTRBO trunking
- New and innovative accessories

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.

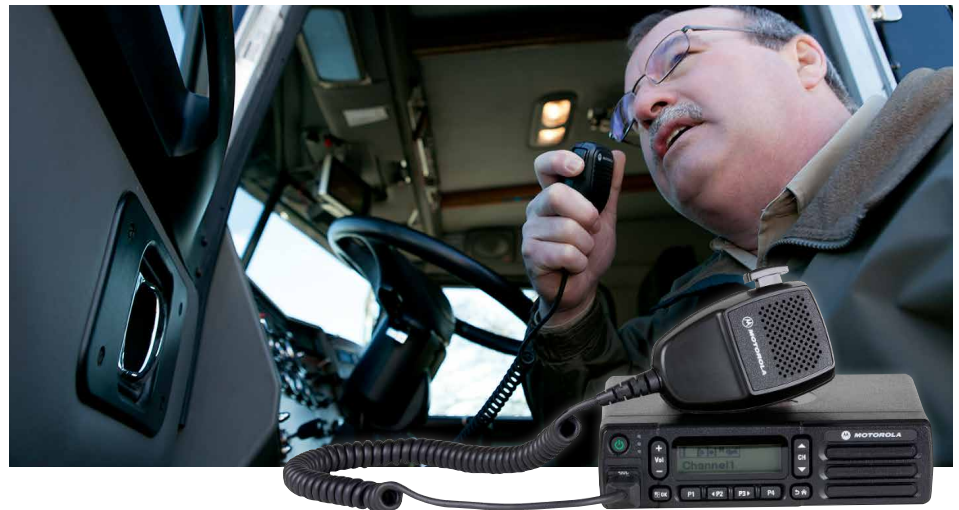
[CLICK HERE FOR FEATURES AND SPECS](#)



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

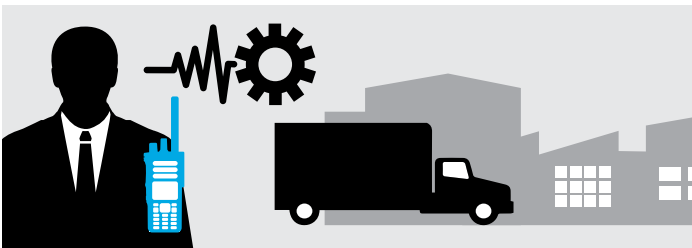


A plant supervisor uses his DGP™8550e radio on the production floor to call for more raw materials. As he's wearing a Bluetooth headset, he doesn't even need to lift the radio from his belt.

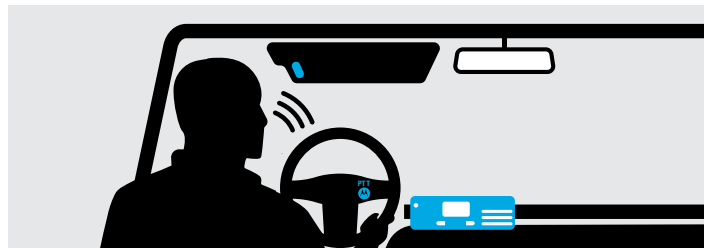


The dispatcher at the plant sends a Work Order Ticket to the fork truck driver, and the Text-to-Speech feature on his DGP™8550e radio reads it out loud.

TRANSPORTATION & LOGISTICS

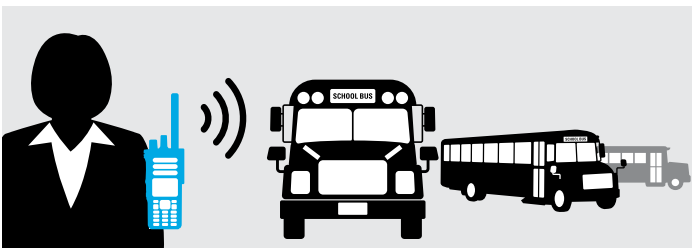


A logistics manager relies on his DGP™8550e portable to coordinate truck drivers delivering shipping containers to multiple warehouses. The radio's noise-cancellation cuts through the engine noise in the loading dock, so he can be heard clearly.

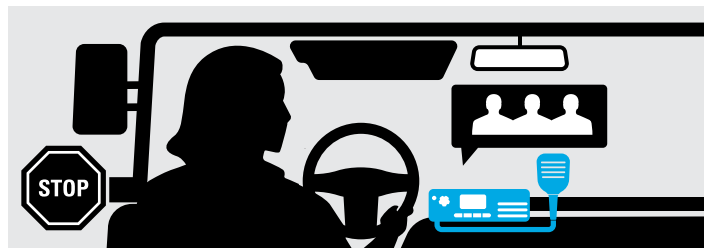


His drivers use their DGM™8500e mobile radios to confirm they are enroute. Their visor mics and steering wheel-mounted PTT buttons let them communicate safely without taking their eyes off the road.

EDUCATION



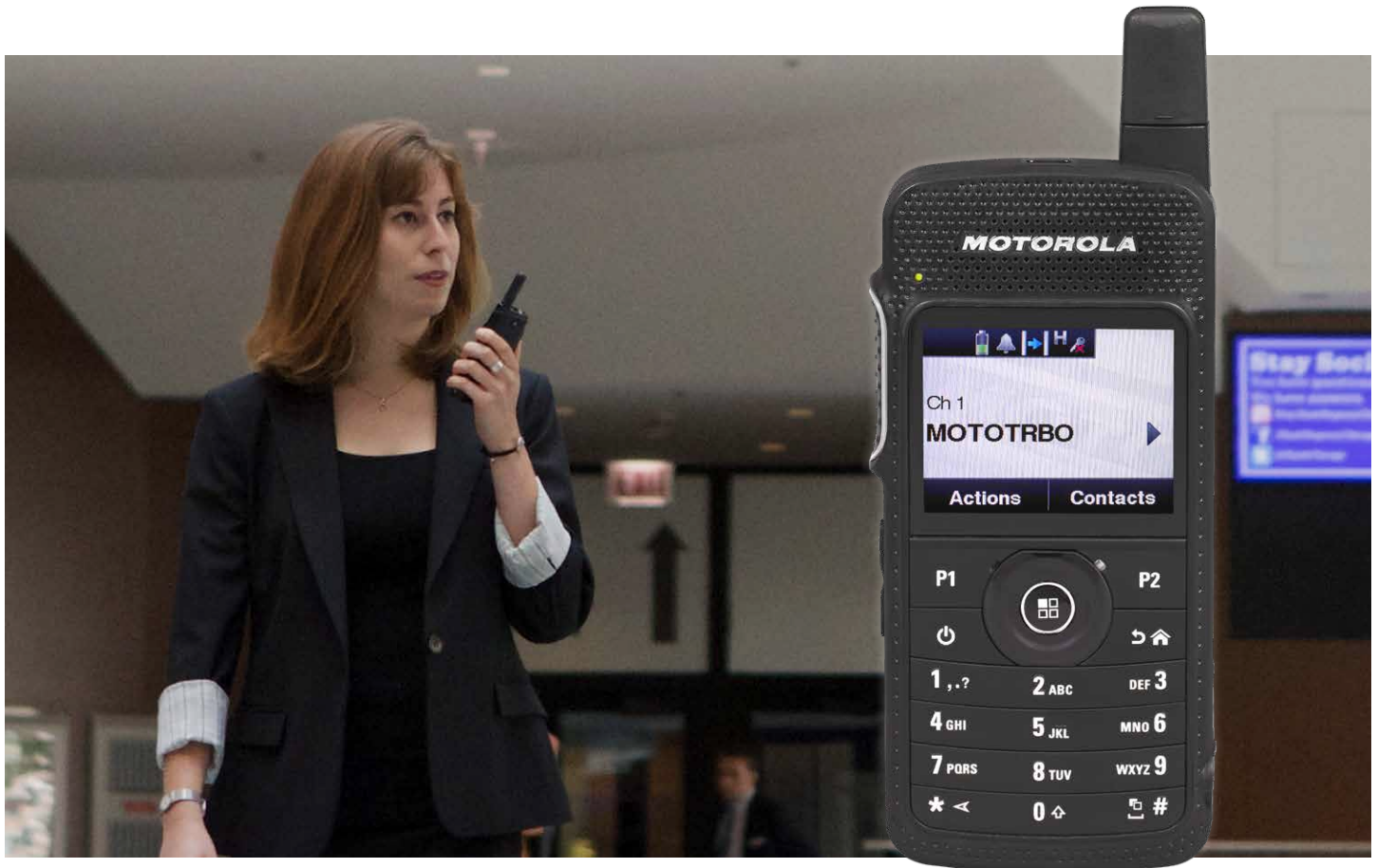
A rural school district coordinates their bus fleet using DGP™8550e radios. A principal uses transmit interrupt to break into the channel and report a missing student.



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 Capacity Plus and Capacity Max 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.

UNIFIED COMMUNICATIONS BETWEEN YOUR DEVICES AND NETWORKS

WAVE provides a communications interoperability platform for push-to-talk between all your devices. WAVE connects your disparate networks such as radio, cellular, Wi-Fi, telephony and more so you can communicate between them. Whether on a smartphone, radio, desktop pc, landline or any other communications device, your personnel can connect instantly.

The end result? You no longer need to carry multiple devices. You stay connected even when you're across networks and geographic boundaries. And your operations keep running smoothly more coordinated responses, smarter decisions and safer outcomes.

LEVERAGE BROADBAND

Bring secure push-to-talk to the smart devices your team is already using.

INTEGRATE NETWORKS

Connect radio systems together for better real-time coordination and response.

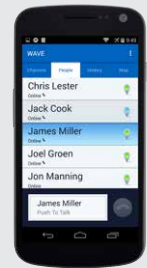
USE ANY DEVICE

Freely communicate on the device that suits you best, from virtually any location.

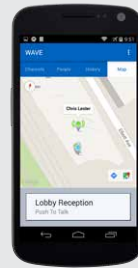
WAVE MOBILE COMMUNICATOR



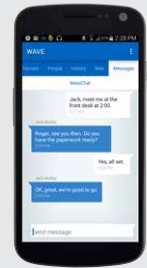
Group Call



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.



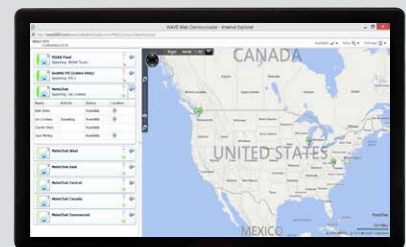
WAVE ADVANCED DESKTOP COMMUNICATOR

Transform your dispatch operations with a powerful software application designed to provide many of the capabilities needed by enterprises and critical infrastructure organizations.



WAVE DESKTOP COMMUNICATOR

Provide office-based or mobile workers with a feature-rich application to monitor, transmit and receive audio from multiple communication systems.



WAVE WEB COMMUNICATOR

Talk from any browser, where ever you are, with a HTML5-based web client.

MOTOTRBO PORTABLE RADIO FEATURES

FEATURE	DESCRIPTION	SL500 SERIES			DEP™500e SERIES		DGP™8000e/DGP™5000e SERIES				SL8550e
		DEP™450	SL500e	SL500	DEP™550e	DEP™570e	DGP™8050e	DGP™5050e	DGP™8550e	DGP™5550e	
FREQUENCY BAND	Capable of operation in the following bands	UHF, VHF	UHF, VHF	UHF, VHF	VHF, 350 MHz, UHF	VHF, 350 MHz, UHF	VHF, 350 MHz, UHF, 800/900 MHz	VHF, 350 MHz, UHF, 800/900 MHz	VHF, 350 MHz, UHF, 800/900 MHz	VHF, 350 MHz, UHF, 800/900 MHz	UHF1 and UHF2, 800/900MHz
CHANNELS	Programmable channel capacity	32	128	99	32	128	32	32	1000	1000	1000
IP RATING	Rated sealing for dust and water ingress	IP54	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						○	○	○	○	○

* Does not have dedicated red emergency button

** For availability in your country, please consult with your Motorola Solutions representative

○ 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				○	○	○	○

* 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/mototrbo

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