



# MOTOTRBO™ TWO-WAY RADIOS AT A GLANCE



# 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.



## HIGH-PERFORMING

Long-lasting Motorola batteries are ideal for multiple shifts – up to 29 hours – so you can work without interruption.



## 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.

# CPd AND CMd SERIES

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

## CP200d™ 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 CP200d 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.

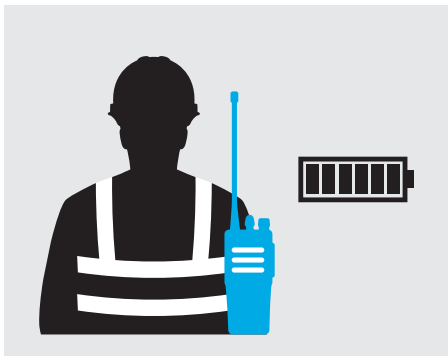
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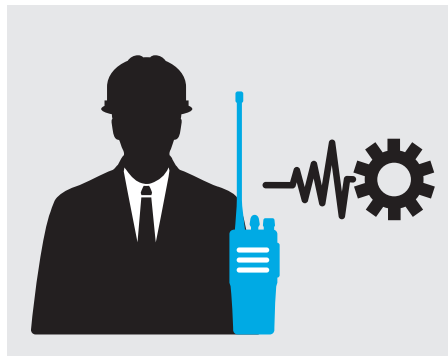
## CM200d™ AND CM300d™ MOBILE RADIOS

Experience efficiency on the go with the CM200d and CM300d mobiles, the companion to CP200d 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 CM300d or choose the CM200d with fewer channels and a simple numeric display.

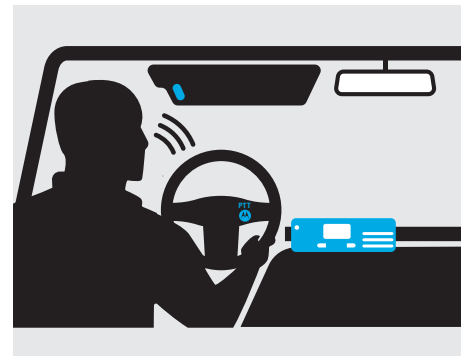
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**A construction worker** trusts his CP200d portable for excellent coverage across a vast site. Long battery life means he can communicate all day.



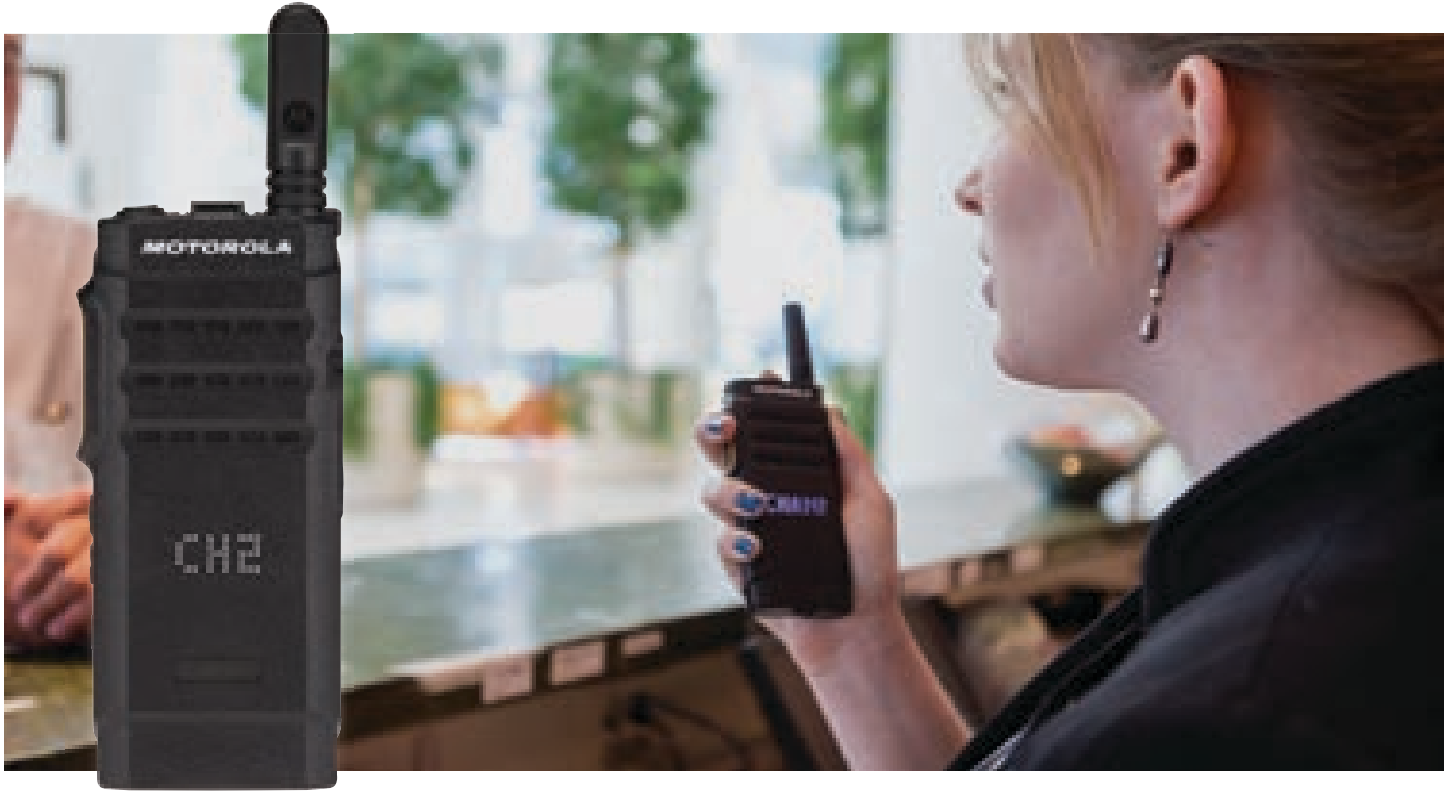
**The manufacturing team** relies on their CP200d portables to coordinate production. Noise-canceling software filters out the clamor of the machinery.



**A delivery driver** uses his CM200d mobile radio to double-check an address. The visor mic and steering wheel-mounted PTT button let him communicate safely while driving.

# SL300

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



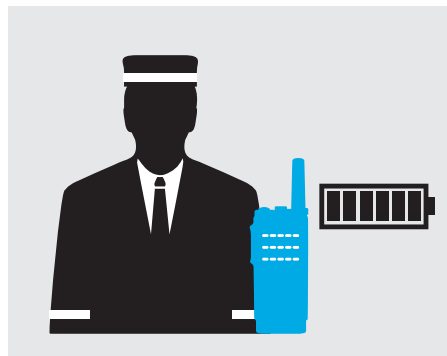
## SL300 PORTABLE RADIO

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 SL300 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 SL300 is ergonomically designed to make it easy to be efficiently connected.

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**A high school athletic coach** relies on the slim SL300 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 SL300 portable to talk to shuttle bus drivers about incoming guests. Long battery life means he can communicate all day.



**A hospital administrator** uses her SL300 portable to connect to staff on a high floor. Its Range Max technology provides excellent coverage as she walks throughout the building.

# XPR™ 3000e SERIES AND XPR™ 2500

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

## **XPR 3000e SERIES PORTABLE RADIOS**

XPR 3000e 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 XPR 3000e Series is your productivity-boosting business tool.

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## **XPR 2500 MOBILE RADIO**

The XPR 2500 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.

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### **WHAT'S NEW IN THE NEXT-GENERATION XPR 3000e 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 28.5 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

# XPR™ 7000e SERIES AND XPR™ 5000e SERIES

**TOTAL CONNECTIVITY, FOR THE SKILLED PROFESSIONAL WHO REFUSES TO COMPROMISE**



## **XPR™ 7000e SERIES PORTABLE RADIOS**

The XPR 7000e 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 XPR 7000e Series has everything you need to excel.

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## **XPR™ 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 XPR 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 (XPR 7000e Series)

### **MORE EFFICIENT**

- High-efficiency low voltage battery for up to 29 hours battery life (XPR 7000e Series)
- Louder, virtually distortion-free audio for super-clear communication

### **MORE EFFECTIVE**

- IP68 rating for better resistance to water and dust (XPR 7000e Series)
- Integrated accelerometer for stronger worker safety (XPR 7000e Series)
- Innovative new accessories

## MANUFACTURING

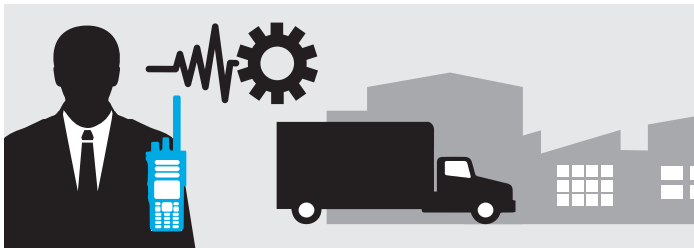


**A plant supervisor** uses his XPR 7550e radio on the production floor to call for more raw materials. As he's wearing a Bluetooth headset, he doesn't even need to lift the radio from his belt.



**The dispatcher** at the plant sends a Work Order Ticket to the fork truck driver, and the Text-to-Speech feature on his XPR 7550e radio reads it out loud.

## TRANSPORTATION & LOGISTICS

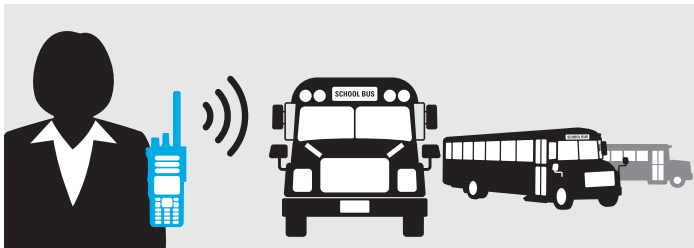


**A logistics manager** relies on his XPR 7550e portable to coordinate truck drivers delivering shipping containers to multiple warehouses. The radio's noise-cancellation cuts through the engine noise in the loading dock, so he can be heard clearly.

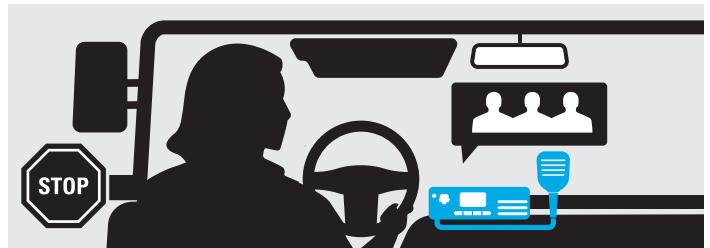


**His drivers** use their XPR 5550e mobile radios to confirm they are enroute. Their visor mics and steering wheel-mounted PTT buttons let them communicate safely without taking their eyes off the road.

## EDUCATION



**A rural school district** coordinates their bus fleet using XPR 7550e 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 XPR 5550e mobile radio to let everyone know the student is safely on-board her bus.

# XPR™ 6580 IS AND XPR™ 7550 IS

**SAFE AND STRONG, FOR THE SKILLED WORKER WHO DEMANDS MAXIMUM PROTECTION**

## CSA PORTABLE RADIOS (CANADA ONLY)

Built to withstand hazardous conditions, they combine the latest digital technology with integrated voice and data. From the loud, clear audio to the bright color housing to the integrated "man down" alert, everything is designed to keep your workers safe.

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# SL 7000e SERIES

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



## SL 7000e SERIES PORTABLE RADIOS

This advanced edition of slim and light MOTOTRBO portable radios connects you with true sophistication. Pocket-sized yet powerful, the SL 7000e Series radios are 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 7000e Series 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.

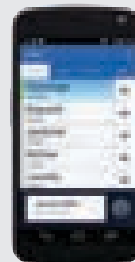
## WAVE 5000

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

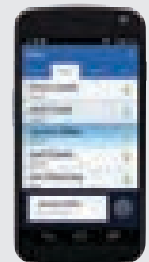
WAVE 5000 enables highly scalable, feature rich, enterprise grade PTT on broadband networks and devices so that critical, time-sensitive information flows quickly and securely between mobile workers, teams and citizens.

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



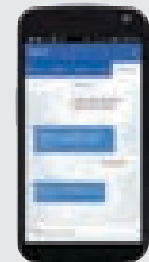
Group Call



Private Call



Mapping

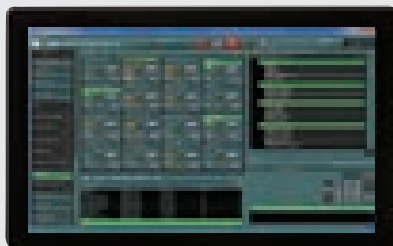


Group Text

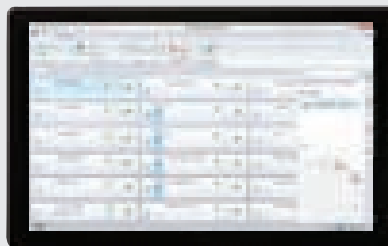
## WAVE COMMUNICATORS

### ENABLE YOUR WORKFORCE TO CONNECT AND COLLABORATE

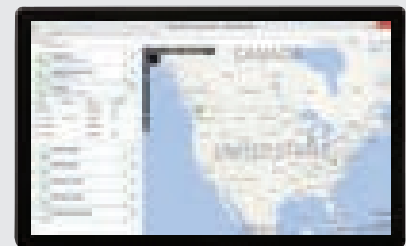
Whatever the device or available network, WAVE has client applications that meet the needs of all types of users. Called WAVE Communicators, these applications provide the user interface to a WAVE communications system.



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	CP200d		XPR 3000e SERIES		XPR 7000e SERIES				SL 7000e SERIES			CSA	
		CP200d	SL300	XPR 3300e	XPR 3500e	XPR 7350e	XPR 7380e	XPR 7550e	XPR 7580e	SL 7550e	SL 7580e	SL 7590e	XPR 6580 IS	XPR 7550 IS
<b>FREQUENCY BAND</b>	Capable of operation in the following bands	UHF, VHF	UHF, VHF	UHF, VHF	UHF, VHF	UHF, VHF	800, 900	UHF, VHF	800, 900	UHF	800	900	800, 900	UHF, VHF
<b>CHANNELS</b>	Programmable channel capacity	16	2, 99	16	128	32	32	1000	1000	1000	1000	1000	1000	1000
<b>IP RATING</b>	Rated sealing for dust and water ingression	IP54	IP54	IP67	IP67	IP68	IP68	IP68	IP68	IP54	IP54	IP54	IP67	IP67
<b>DIGITAL</b>	DMR standard digital voice communications	○	●	●	●	●	●	●	●	●	●	●	●	●
<b>ANALOG</b>	Analog voice communications	●	●	●	●	●	●	●	●				●	●
<b>BASIC PRIVACY</b>	Basic protection against casual eavesdropping	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>BLUETOOTH AUDIO</b>	Wireless connection for earpieces and headsets			○	○	●	●	○	○	●	●	●		
<b>BLUETOOTH DATA</b>	Wireless connection for data communications					●	●	○	○	●	●	●		
<b>DISPLAY</b>	Visual readout of radio functions		○		●			●	●	●	●	●	●	●
<b>EMERGENCY CALL</b>	Radio can initiate Digital Emergency process		●	●	●	●	●	●	●	●	●	●	●	●
<b>ENHANCED PRIVACY</b>	Encryption of voice traffic using ARC4 with 40bit keys			○	○	●	●	●	●	●	●	●	●	●
<b>GPS</b>	Embedded GPS receiver for location monitoring					●	●	●	●				●	●
<b>HAZLOC</b>	Radio is designed for use in flammable atmospheres			○	○	○	○	○	○				●	●
<b>IMPRES™ ENERGY</b>	Radio supports IMPRES smart battery technology			●	●	●	●	●	●				●	●
<b>IMPRES OVER-THE-AIR</b>	Radio supports IMPRES Over The Air Battery Management			●	●	●	●	●	●				●	●
<b>INDOOR LOCATION-TRACKING</b>	Bluetooth-based indoor positioning					○	○	○	○	○	○	○		
<b>INTELLIGENT AUDIO</b>	Automatic volume control based on background noise levels			●	●	●	●	●	●	●	●	●	●	●
<b>KEYPAD</b>	Full (F) or limited (L) keypad for control and data entry				L			F	F	F	F	F	F	F
<b>LONE WORKER</b>	Initiates emergency if user does not respond to periodic alerts		●	●	●	●	●	●	●	●	●	●	●	●
<b>MAN DOWN</b>	Initiates emergency based on radio orientation or movement					○	○	○	○	○	○	○	○	○
<b>OTAP</b>	Radio can be programmed Over-The-Air			○	○	○	○	○	○	○	○	○		○
<b>RADIO DISABLE/ENABLE</b>	Radio can remotely disable and/or re-enable another radio							●	●	●	●	●	●	●
<b>REMOTE MONITOR</b>	Radio can remotely activate another radio's microphone				●			●	●	●	●	●	●	●
<b>TEXT MESSAGING</b>	Radio can send and/or receive text messages					●	●	●	●	●	●	●		●
<b>TEXT TO SPEECH</b>	Radio can read text and settings out loud					○	○	○	○	○	○	○		○
<b>THIRD PARTY APPLICATIONS</b>	Radio can use data to support third party applications					●	●	●	●	●	●	●	●	●
<b>TRANSMIT INTERRUPT</b>	Radio can force another radio to stop transmitting			○	○	●	●	●	●	●	●	●	●	●
<b>USER-SELECTABLE AUDIO PROFILES</b>	Radio's sound can be customized by user			●	●	●	●	●	●	●	●	●	●	●
<b>VIBRATE</b>	Silent alert of incoming calls and texts			○	○	○	○	○	○	○	○	○		
<b>VOICE ANNOUNCEMENT</b>	Audible confirmation of selected operations of the radio	●	●	●	●	●	●	●	●	●	●	●		●
<b>WI-FI</b>	Integrated Wi-Fi capability			○	○	●	●	○	○	●	●	●		
<b>DIRECT MODE</b>	Radio is capable of direct radio-to-radio operation	●	●	●	●	●	●	●	●	●	●	●		●
<b>CONVENTIONAL</b>	Radio can operate on basic repeater systems	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>IP SITE CONNECT</b>	Radio can operate on IP Site Connect systems			○	○	●	●	○	○	●	●	●	●	●
<b>CAPACITY PLUS (SINGLE/MULTI-SITE)</b>	Radio can operate on Capacity Plus systems			○	○	●	●	○	○	●	●	●	●	●
<b>CAPACITY MAX</b>	Radio can operate on Capacity Max systems					●	●	○	○	●	●	●		●
<b>CONNECT PLUS</b>	Radio can operate on Connect Plus trunked systems					●	●	○	○	●	●	●	●	●

# MOTOTRBO MOBILE RADIO FEATURES

FEATURE	DESCRIPTION	CM SERIES			XPR 5000e SERIES			
		CM200d	CM300d	XPR 2500	XPR 5350e	XPR 5380e	XPR 5550e	XPR 5580e
<b>FREQUENCY BAND</b>	Capable of operation in the following bands	VHF, UHF	VHF, UHF	VHF, UHF	VHF, UHF	800, 900	VHF, UHF	800, 900
<b>CHANNELS</b>	Programmable channel capacity	16	99	128	32	32	1000	1000
<b>IP RATING</b>	Rated sealing for dust and water ingress	IP54	IP54	IP54	IP54	IP54	IP54	IP54
<b>DIGITAL</b>	DMR standard digital voice communications	○	○	●	●	●	●	●
<b>ANALOG</b>	Analog voice communications	●	●	●	●	●	●	●
<b>ALPHANUMERIC DISPLAY</b>	Display for easy access to advanced features		●	●			●	●
<b>BASIC PRIVACY</b>	Basic protection against casual eavesdropping	●	●	●	●	●	●	●
<b>BLUETOOTH AUDIO</b>	Wireless connection for earpieces and headsets				●	●	○	○
<b>BLUETOOTH DATA</b>	Wireless connection for data communications				●	●	○	○
<b>CONTROL STATION</b>	Radio can be configured as a Dispatch or Control Station	●	●	●	●	●	●	●
<b>EMERGENCY CALL</b>	Radio can initiate Digital Emergency process			●	●	●	●	●
<b>ENHANCED PRIVACY</b>	Encryption of voice traffic using ARC4 with 40bit keys			○	●	●	●	●
<b>GPS</b>	Embedded GPS receiver for location monitoring				●	●	●	●
<b>INDOOR LOCATION-TRACKING</b>	Bluetooth-based indoor positioning				○	○	○	○
<b>INTELLIGENT AUDIO</b>	Automatic volume control based on background noise levels			●	●	●	●	●
<b>LONE WORKER</b>	Initiates emergency if user does not respond to periodic alerts			●	●	●	●	●
<b>NUMERIC DISPLAY</b>	Clear display of channel number on front of radio	●			●	●		
<b>OTAP</b>	Radio can be programmed Over-The-Air			○	○	○	○	○
<b>RADIO DISABLE/ENABLE</b>	Radio can remotely disable and/or re-enable another radio			●			●	●
<b>REMOTE MONITOR</b>	Radio can remotely activate another radio's microphone			●				●
<b>REMOTE MOUNT CONTROL HEAD</b>	Control head can be located separately from radio				○	○	○	○
<b>TEXT MESSAGING</b>	Radio can send and receive text messages				●	●	●	●
<b>TEXT TO SPEECH</b>	Radio can read text and settings out loud				○	○	○	○
<b>THIRD PARTY APPLICATIONS</b>	Radio can use data to support third party applications				●	●	●	●
<b>TRANSMIT INTERRUPT</b>	Radio can force another radio to stop transmitting			○	●	●	●	●
<b>USER-SELECTABLE AUDIO PROFILES</b>	Radio's sound can be customized by user				●	●	●	●
<b>VOICE ANNOUNCEMENT</b>	Audible confirmation of selected operations of the radio	●	●	●	●	●	●	●
<b>WI-FI</b>	Integrated Wi-Fi capability				●	●	○	○
<b>DIRECT MODE</b>	Radio is capable of direct radio-to-radio operation	●	●	●	●	●	●	●
<b>CONVENTIONAL</b>	Radio can operate on basic repeater systems	●	●	●	●	●	●	●
<b>IP SITE CONNECT</b>	Radio can operate on IP Site Connect systems			○	●	●	○	○
<b>CAPACITY PLUS (SINGLE/MULTI-SITE)</b>	Radio can operate on Capacity Plus Systems			○	●	●	○	○
<b>CAPACITY MAX</b>	Radio can operate on Capacity Max systems				●	●	○	○
<b>CONNECT PLUS</b>	Radio can operate on Connect Plus systems				●	●	○	○

# 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.

Accessories are a necessity for your radio.  
To see our complete full portfolio of MOTOTRBO accessories, [click here](#)

For more information, resources and case studies, visit [www.motorolasolutions.com/MOTOTRBO](http://www.motorolasolutions.com/MOTOTRBO)

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