



**MOTOROLA SOLUTIONS**

# MOTOTRBO™ PROFESSIONAL SERIES RADIO ACCESSORIES FOR MANUFACTURING



A man in a light-colored short-sleeved button-down shirt is holding a Motorola radio to his chest. He is looking off to the side with a focused expression. The background is a blurred industrial setting with green and blue lighting.

## EMPOWER PERSONNEL TO CONNECT MORE SAFELY AND EFFICIENTLY

Plant personnel need to converse easily, clearly and safely in all types of conditions – whether they're working in the front office or walking the factory floor. That's why manufacturers worldwide rely on MOTOTRBO digital radio communications for the best of two-way radio functionality with the latest digital technology for their demanding environments.

Accessories are a necessity for your radio. We designed our professional line with unique features that optimize the performance of MOTOTRBO radios.

**INTRINSIC SAFETY RATING:** Motorola-approved batteries and accessories are a critical part of your radio system and certified by a recognized testing agency as intrinsically safe. Non-Motorola approved batteries and accessories may not be certified for MOTOTRBO and if used, could result in equipment that is NOT approved or unsafe in a hazardous environment.

# LOUD, NOISY ENVIRONMENTS

## CLEARLY COMMUNICATE AND PROTECT HEARING

You need to communicate clearly and continuously – no matter the location or how loud the plant. High-decibel equipment, machines, fork lifts and other clamor in the background can disrupt the flow of information and damage hearing. We designed our remote speaker microphones to overcome it all.



## REMOTE SPEAKER MICROPHONES

Our Noise-Canceling Remote Speaker Microphones (RSMs) and complementary audio accessories assure clearer communications in the loudest and toughest environments.

### INDUSTRIAL NOISE-CANCELING (INC) RSM

Be heard above all with the INC RSM. It's optimized to perform with MOTOTRBO digital radios in extremely noisy, dirty and difficult environments – from the sugar mill to the automotive plant. With its rugged construction and exceptional noise cancellation, the NNTN8382 INC RSM overcomes excessive noise.

> EXPERIENCE  
DUAL-MICROPHONE  
NOISE SUPPRESSION

### XPR 6000 AND XPR 7000 SERIES ACCESSORIES

NNTN8383



IMPRES™ Industrial Noise-Canceling (INC) RSM Dual Microphone Noise Suppression RSM with 3.5 mm threaded audio jack (IP54 rated)

### SUPPRESSES HIGH NOISE SO YOU HEAR CLEARLY

The dual-microphone design suppresses background noise so the message gets through. Large 1-watt speaker delivers the loudest, clearest audio available – up to 25 percent more than other MOTOTRBO RSMs.

### EASY TO CLEAN DIRT, GRIT AND DEBRIS

Debris and fine particles can clog RSMs and reduce the quality of voice transmissions. Simply vacuum out the speaker grill (when dry), remove debris using soapy water and rinse, and you're ready to go.



## STANDARD NOISE-CANCELING RSMs

For the harshest noise, use the INC RSM (NNTN8383). For moderate noise environments, choose our standard Noise-Canceling RSMs. For optimal noise reduction, hold the microphone directly in front of your mouth and face the source of the sound (see photo). The directional microphone will pick up your voice while filtering out background noise.



### XPR 6000 AND XPR 7000 SERIES

PMMN4050		IMPRES Noise-Canceling RSM with 3.5mm audio jack, large housing (IP54 rated)
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### XPR 3000 SERIES

PMMN4071		IMPRES Noise-Canceling RSM with 3.5mm audio jack, large housing (IP54 rated)
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### COMMERCIAL CP200d

PMMN4013		Windporting RSM with 3.5mm audio jack (IP54 rated)
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## REMOTE SPEAKER MICROPHONE ACCESSORIES

Our Heavy-Duty Headsets plug into the 3.5mm ear jack on the RSM and protect your hearing on the manufacturing floor. When you move into a quiet environment, simply remove the headset and use the RSM. Listen to communication discreetly with our comfortable Receive-Only Earpiece.

### XPR 6000 AND XPR 7000 SERIES

RMN4056		Dual Muff Headband-Style Headset Compatible with NNTN8383 only. Threaded 3.5mm jack
RMN4057		Dual Muff Hardhat Mount Headset Compatible with NNTN8383 only. Threaded 3.5mm jack
RLN5313		One-Wire Earpiece with Clear Acoustic Tube, black Compatible with NNTN8383 only. Threaded 3.5mm jack

### XPR 3000, XPR 6000, XPR 7000 SERIES AND CP200d




RLN4941		Receive-Only Earpiece with translucent tube and rubber eartip Compatible with PMMN4050, PMMN4071 and PMMN4013. Standard 3.5mm jack
5080384F72		Replacement Foam Plugs designed for clear comfort earpieces. Protect your hearing with a noise reduction = 24dB. Pack of 50 pairs

# HEAVY-DUTY AND TEMPLE TRANSDUCER HEADSETS


The International Labor Office (ILO) and Center for Disease Control (CDC) acknowledge the health risks to employees in loud environments. More than one-third of workers in manufacturing are exposed to hazardous noise, which can lead to irreversible hearing loss and ringing in the ears (tinnitus).

As a major partner with the industry, Motorola Solutions works hard to address this important issue. Our accessories protect workers from noise and keep them connected for greater efficiency and safety. Choose from a wide variety of Heavy-Duty Headsets to protect hearing and improve communication in loud environments.

## XPR 6000 AND XPR 7000 SERIES ACCESSORIES

PMLN5275		Heavy-Duty Behind-the-Head Headset with Noise-Canceling boom microphone; NRR = 24dB, FM and TIA Approved†
PMLN6852		Heavy-Duty Behind-the-Head Headset with Noise-Canceling boom microphone; NRR = 24dB
PMLN5101		IMPRES Temple Transducer with boom microphone and in-line push-to-talk FM Approved†

## XPR 7000 SERIES ACCESSORIES

PMLN6853		Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone, PTT on ear cup; NRR = 24dB , TIA Approved†
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† UL certified TIA 4950 approved when used with a UL certified TIA 4950 radios

† Intrinsic Safety Rating: FM = FM 1988 approved when used with intrinsically safe radios



## TEMPLE TRANSDUCER

This headset uses transducers that rest on your temples to convert audio into sound vibration and transmit it to your inner ear. If you're using hearing protection, you can hear the audio from your radio and the surrounding environment.

## 3M™ PELTOR™ HEAVY-DUTY HEADSETS


These Heavy-Duty Headsets are optimized and certified to meet performance standards for MOTOTRBO radios. They protect hearing and improve communication in loud environments. Select from hard hat mount, over-the-head and behind-the-head styles that connect directly, or with the push-to-talk adapter for your radio.



## TACTICAL PRO SERIES HEADSETS

Hear your surrounding environment and conversations while wearing a headset. These dual-muff, tactical headsets have two microphones on the outside of the earcups that reproduce ambient sound back into headset. With a noise reduction rating of 24dB, they suppress harmful noise to safe levels, and amplify low sounds up to 5 times their original level, but never more than 82dB. The on/off volume control is on the earcups.

### XPR 6000 AND XPR 7000 SERIES ACCESSORIES

RMN5139		MT Series Hard Hat Attached Headset, direct radio connect; NRR=21dB
RMN4051		MT Series Hard Hat Attached with Nexus connector; NRR=21dB, Requires PTT Nexus Adapter PMLN6095
RMN5137		MT Series Over-the-Head Headset, direct radio connect; NRR=25dB
PMLN6088		MT Series Over-the-Head Headset with Nexus connector; NRR=25dB, Requires PTT Nexus Adapter PMLN6095
RLN6477		MT Series Neckband Headset with Nexus connector; NRR=24dB Requires PTT Nexus Adapter PMLN6095
RMN4052		Tactical Pro Series Over-The-Head Headset with Nexus connector; NRR=26dB Requires PTT Nexus Adapter PMLN6095
RMN5135		Tactical Pro Series Neckband Headset with Nexus connector; NRR=25dB Requires PTT Nexus Adapter PMLN6095
RMN4053		Tactical Pro Series Hard Hat Headset with Nexus connector; NRR=22dB Requires PTT Nexus Adapter PMLN6095
PMLN6095		PTT Nexus Adapter

## XBT HEAVY-DUTY WIRELESS HEADSET

With machinery running at full speed, the production floor is a noisy place to be. You need to communicate on your radio and be aware of everything around you. XBT Heavy-Duty Headsets connect wirelessly to your radio, suppressing noise for clearer communications. With patented SENS™ situational awareness technology, you'll hear critical communications from co-workers in the plant.

> SEE THE XBT HEADSET IN ACTION



## SONIC DEFENDERS

Safeguard the hearing of personnel throughout the noisy plant without blocking external sounds or conversations. Ultra Earplugs offer extra comfort and/or noise protection for those wearing heavy duty headsets and helmets. They feature a foam-tipped stem design and soft memory-foam Comply™ Canal Tips for added protection.



Safe sounds pass through into the ear canal, while potentially harmful noises (above 85dB) are reduced through a filter. Filter caps are included; insert them for added hearing protection or remove for use with surveillance kits.\*

### XPR 6000 AND XPR 7000 SERIES ACCESSORIES




Note: XPR 6000 Series radios require Operations Critical Wireless Bluetooth Adapter (PMLN5712)

RLN6490		XBT Operations Critical Wireless Behind-the-Neck Headset
RLN6491		XBT Operations Critical Wireless Headband-Style Headset

### XPR 3000 SERIES


PMLN5731		Heavy-Duty Headset with Noise-Canceling boom microphone and in-line push-to-talk; NRR = 24dB
PMLN6760		Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone, PTT on ear cup; NRR = 24dB
PMLN6763		Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone, PTT on ear cup; NRR = 24dB UL, TIA 4950

### COMMERCIAL CP200d

PMLN6539		Heavy-Duty Headset, over-the-head dual muff with swivel noise-canceling boom microphone; NRR = 24dB
PMLN6540		Heavy-Duty Headset, behind-the-head dual muff (hard hat compatible) with noise-canceling boom mic and in-line push-to-talk; NRR = 24dB
PMLN6854		Heavy Duty Behind-the-Head dual muff Headset (hard hat compatible) with Noise-Canceling boom microphone, VOX switch and PTT on ear cup, NRR = 24dB



### XPR 3000, XPR 6000, XPR 7000, CP200d SERIES ACCESSORIES

RLN6511		Clear EP7-Small Hearing Protectors [Sonic Defenders] Ultra Earplugs Noise reduction = 28dB*
RLN6512		Clear EP7-Medium Hearing Protectors [Sonic Defenders] Ultra Earplugs Noise reduction = 28dB*
RLN6513		Clear EP7-Large Hearing Protectors [Sonic Defenders] Ultra Earplugs Noise reduction = 28dB*

\*EP7 earpiece will not provide full 28dB Noise Reduction when the filter is removed.

# WET ENVIRONMENTS

## DRENCH OR DROWN THEM, THEY WON'T QUIT

Make sure your technology withstands the worst, from high humidity to wet weather. Whether you're working outside in rain or inside near a steam engine, our remote speaker microphones are fully submersible and fully functional when wet.

## REMOTE SPEAKER MICROPHONES

Robust and extra-tough to withstand the demanding conditions you work in. The IP57 rating provides excellent protection from dust and means this Remote Speaker Microphone (RSM) can be submersed in 1 meter of fresh water for 30 minutes. It will keep on operating, even when drenched.

### XPR 6000 AND XPR 7000 SERIES ACCESSORIES

NNTN8382		IMPRES Industrial Noise-Canceling (INC) Dual Microphone Noise Suppression RSM, submersible (IP57 rated)
PMMN4075		Windporting RSM, small, submersible (IP57 rated)
PMMN4029		Windporting RSM, submersible (IP57 rated)





# OFFICE ENVIRONMENTS

## WORK FREELY WITHOUT WIRES

Look your professional best with wireless accessories that fit comfortably and discreetly under a jacket, suit or blouse. Leave your radio on a desk, in a purse or bag and converse seamlessly up to 30 feet away with our operations critical wireless earpieces.

## WIRELESS ACCESSORIES AND TEMPLE TRANSDUCER HEADSET





Select from a broad portfolio of wireless Bluetooth® accessories for safer, more effective communications. Leave your radio at your desk while moving freely around the office and keep connected to the shop floor.

### LONG RANGE WIRELESS SOLUTION




The Long Range Wireless Remote Speaker Microphone (RSM) pairs instantly with a touch to the mobile microphone with Bluetooth gateway. Console operators can maintain critical communications while personnel moving freely around the workplace, up to 100 meters away.

#### XPR 6000 AND XPR 7000 SERIES ACCESSORIES


Note: XPR 6000 Series radios require Operations Critical Wireless Bluetooth Adapter (PMLN5712)

RLN6500		Bluetooth Accessory Kit with swivel earpiece and battery clip (push-to-talk on radio or with separate wireless PTT)
PMLN7181		Bluetooth Accessory Kit with Flexible Fit swivel earpiece with boom mic and charging cradle (push-to-talk on radio or with separate wireless PTT)
NNTN8125		Operations Critical Wireless Earpiece with 12-inch cable
NNTN8127		Operations Critical Wireless Push-to-Talk pod
NNTN8294		Operations Critical Wireless Earbud with 11.5-inch cable. Requires PTT NNTN8127

#### XPR 4000 AND XPR 5000 SERIES MOBILE CONSOLE

RLN6551		Long Range Wireless RSM Kit, Includes Vehicular Charger
RLN6552		Long Range Wireless Mobile Accessory Kit (without Charger)
PMLN7120		Standard Dual Unit Charger

#### COMMERCIAL CP200d

PMLN6541		Lightweight Temple Transducer Headset with in-line mic and push-to-talk
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# LONG-LIFE COLD TEMPERATURE BATTERY

The Motorola Original® Long-Life Cold Temperature Lithium Manganese battery has up to 1000 full charge/discharge cycles and is rated to withstand extreme temperatures down to -30 degrees C. Maintenance-free and lightweight, this battery does not require reconditioning or hazardous waste disposal.

## BATTERIES AND CHARGERS

Your radio is only as effective as the battery that powers it. That's why it's important to choose the batteries lab-tested and certified to last the longest shifts and perform optimally with your MOTOTRBO radio.



### IMPRES BATTERIES

Get the most out of every battery and eliminate the surprise of "low battery alerts." IMPRES chargers tell you exactly how much capacity is in an IMPRES battery before you attach it to your radio. It signals exactly when an IMPRES battery has reached the end of service life.

MOTOTRBO batteries are Proven Tough, in lab test after lab test, to withstand shocks, knocks, drops and shakes and outperform other brands.

**BATTERY WARRANTY:** Take advantage of the longest warranty in the industry. Our warranty protects against any defects in workmanship for four years – twice as long as leading competitive batteries.




#### XPR 6000 SERIES

PMNN4069		IMPRES Li-Ion 1450 mAh battery Submersible (IP57), FM Approved†
PMNN4077		IMPRES Li-Ion 2250 mAh battery Submersible (IP57)

#### XPR 7000 SERIES

NNTN8129		IMPRES Li-Ion 2350 mAh battery Submersible (IP57), FM Approved†
NNTN8560		IMPRES Hi-Cap Li-Ion 2500 mAh battery Submersible (IP57), TIA Approved†

#### XPR 3000 AND XPR 7000 SERIES

PMNN4448		IMPRES Hi-Cap Li-Ion 2800 mAh battery Submersible (IP57)
PMNN4409		IMPRES Li-Ion 2250 mAh battery, Submersible (IP67)
PMNN4435		Long life (LiMn) 1400 mAh battery Submersible (IP57), -30°C rated

#### COMMERCIAL CP200d

PMNN4450		High Capacity Li-Ion 2800 mAh battery
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† UL certified TIA 4950 approved when used with a UL certified TIA 4950 radios

† Intrinsic Safety Rating: FM = FM 1988 approved when used with intrinsically safe radios

## CHARGERS

Create a smarter, more productive workspace with the compact and versatile design of the Universal Multi-Unit Charger. This budget-friendly solution features interchangeable charging pockets, charging batteries from two different radio platforms.

### XPR 3000, XPR 6000 AND XPR 7000 SERIES

WPLN4219



IMPRES Multi-Unit Rapid Rate Charger with 6 Displays, 120V (US plug)

### CP200 SERIES

PMLN6588



Universal Multi-Unit Charger, includes 6-inserts compatible with CP200d, PR400, CP200 XLS, CP200, CP150, 120V (US plug)





For a complete listing of Motorola accessories and batteries, [click here](#).

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**MOTOTRBO™**  
DIGITAL REMASTERED.

