



MOTOROLA SOLUTIONS

MOTOTRBO™ PROFESSIONAL SERIES RADIO ACCESSORIES FOR MANUFACTURING



A man in a light-colored short-sleeved button-down shirt is holding a Motorola MOTOTRBO digital radio to his mouth. 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 NNTN8382B INC RSM overcomes excessive noise.

> EXPERIENCE DUAL-MICROPHONE NOISE SUPPRESSION

DGPT™8000/DGPT™5000 SERIES AND DGPT™8000e/DGPT™5000e

NNTN8382B		IMPRES™ Industrial Noise-Canceling (INC) Dual Microphone Noise, Suppression RSM, submersible (IP57 rated)
NNTN8383B		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 (NNTN8383B). 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.



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

PMMN4050A		IMPRES Noise-Canceling RSM with 3.5mm audio jack, large housing (IP54 rated)
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DEP™550e

PMMN4071A		IMPRES Noise-Canceling RSM with 3.5mm audio jack, large housing (IP54 rated)
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DEP™450

PMMN4013A		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.

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

RMN4057B		Dual Muff Hardhat Mount Headset Compatible with NNTN8383 only. Threaded 3.5mm jack
RLN5313B		One-Wire Earpiece with Clear Acoustic Tube, black Compatible with NNTN8383 only. Threaded 3.5mm jack

DGP™8000/DGP™5000 AND DGP™8000e/DGP™5000e SERIES, DEP™500/DEP™500e SERIES AND DEP™450 SERIES



RLN4941A		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.

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

PMLN6852A		Heavy-Duty Behind-the-Head Headset with Noise-Canceling boom microphone; NRR = 24dB
PMLN5101A		IMPRES Temple Transducer with boom microphone and in-line push-to-talk FM Approved†

DGP™5000 AND DGP™8000 SERIES

PMLN6853A		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.

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

RMN5139B		MT Series Hard Hat Attached Headset, direct radio connect; NRR=21dB
RMN4051B		MT Series Hard Hat Attached with Nexus connector; NRR=21dB, Requires PTT Nexus Adapter PMLN6095
RMN5137B		MT Series Over-the-Head Headset, direct radio connect; NRR=25dB
PMLN6088A		MT Series Over-the-Head Headset with Nexus connector; NRR=25dB, Requires PTT Nexus Adapter PMLN6095
RLN6477A		MT Series Neckband Headset with Nexus connector; NRR=24dB Requires PTT Nexus Adapter PMLN6095
RMN5135A		Tactical Pro Series Neckband Headset with Nexus connector; NRR=25dB Requires PTT Nexus Adapter PMLN6095
PMLN6095A		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.*

DGPT™8000/DGPT™5000 AND DGPT™8000e/DGPT™5000e SERIES


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

RLN6490B		XBT Operations Critical Wireless Behind-the-Neck Headset
RLN6491B		XBT Operations Critical Wireless Headband-Style Headset

DEPT™500 SERIES

PMLN5731		Heavy-Duty Headset with Noise-Canceling boom microphone and in-line push-to-talk; NRR = 24dB
PMLN6760A		Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone, PTT on ear cup; NRR = 24dB
PMLN6763A		Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone, PTT on ear cup; NRR = 24dB UL, TIA 4950

DEPT™450

PMLN6854A		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
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DGPT™8000/DGPT™5000 SERIES AND DGPT™8000e/DGPT™5000e SERIES, DEPT™500/DEPT™500e SERIES AND DEPT™450

RLN6511A		Clear EP7-Small Hearing Protectors [Sonic Defenders] Ultra Earplugs Noise reduction = 28dB*
RLN6512A		Clear EP7-Medium Hearing Protectors [Sonic Defenders] Ultra Earplugs Noise reduction = 28dB*
RLN6513A		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.

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

NNTN8382B



IMPRES Industrial Noise-Canceling (INC) Dual Microphone Noise Suppression RSM, submersible (IP57 rated)

DEP™500/DEP™500e SERIES

PMMN4075A



Windporting RSM, small, submersible (IP57 rated)

DEP™450

PMMN4029A



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.

DGPT™8000/DGPT™5000 SERIES AND DGPT™8000e/DGPT™5000e


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

RLN6500A		Bluetooth Accessory Kit with swivel earpiece and battery clip (push-to-talk on radio or with separate wireless PTT)
PMLN7181A		Bluetooth Accessory Kit with Flexible Fit swivel earpiece with boom mic and charging cradle (push-to-talk on radio or with separate wireless PTT)
NNTN8125C		Operations Critical Wireless Earpiece with 12-inch cable
NNTN8127B		Operations Critical Wireless Push-to-Talk pod
NNTN8294A		Operations Critical Wireless Earbud with 11.5-inch cable. Requires PTT NNTN8127

DGM™8000/DGM™5000 SERIES AND DGM™8000e/DGM™5000e MOBILE CONSOLE

RLN6551B		Long Range Wireless RSM Kit, Includes Vehicular Charger
RLN6552B		Long Range Wireless Mobile Accessory Kit (without Charger)
PMLN7120A		Standard Dual Unit Charger

DEP™450

PMLN6541A		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.


DGPTTM8000/DGPTM5000 SERIES AND DGPTM8000e/DGPTM5000e

NNTN8129AR		BATT IMP FM LI ION 2300M2350T
NNTN8560A		IMPRES, Li-Ion 2500 mAh Battery, Submersible, IP67

DGPTTM8000/DGPTM5000 SERIES, DGPTM8000e/DGPTM5000e AND DEPTM500/DEPTM500e SERIES

PMNN4493AC		Motorola IMPRES IP68 Battery 3000 mAh
PMNN4544A		Motorola IMPRES High Capacity Lilon 2450 mah Battery IP68



DEPTM450

NNTN4497		Li-Ion 1800 mAh Battery
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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.

DGP™8000/DGP™5000 SERIES, DGP™8000e/DGP™5000e AND DEP™500/DEP™500e SERIES

PMPN4284		IMPRES 2 Multi-Unit Rapid Rate Charger with 6 Displays, 120V (US plug)
DEP™450		
PMLN6588A		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.