



# MOTOTRBO™ RADIO ACCESSORIES

THE POWER OF YOUR RADIO UNLEASHED



# THE POWER OF YOUR RADIO UNLEASHED



**MOTOTRBO radios are already best in class, but to help you work at your best, you need enhancements targeted to your specific workplace. We've developed a line of accessories with unique features designed to optimize the performance of your radio in your work environment, unleashing the full power of the industry's most advanced digital radio platform.**

## IMPRES™ BATTERIES AND CHARGERS

**Get rid of the guesswork and get more from every battery.**

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 and exactly when an IMPRES battery has reached the end of service life.

Enjoy 43% longer battery life from IMPRES over non-IMPRES batteries – without spending maintenance or record keeping time and effort. With IMPRES Battery Fleet Management Software, you can check the status of 25 or 25,000 batteries at a glance, from one computer.

## IMPRES™ AUDIO

**Make sure every word is heard regardless of the level or direction you're speaking into the accessory.** Be clearly heard the first time and eliminate repeating yourself. Whether you need to talk loudly or quietly, into or away from the accessory, IMPRES Audio lowers the loud talker level and raises the soft talker level automatically so listeners do not have to adjust the volume depending on who is talking.

Policing a busy airport, fixing equipment on a noisy production floor or assisting guests in a quiet hotel, IMPRES Audio promises a high quality communication experience.

## WINDPORTING

**Communicate clearly in difficult weather.** Wherever you work – in howling wind, driving rain, and severe weather – Windporting helps you communicate effectively and listeners hear clearly.

Windporting technology eliminates the whining and howling sounds of wind blowing across your lapel/remote speaker microphone. It also prevents water from clogging the microphone for clearer transmissions.

## INTELLIGENT AUDIO

**Focus on your job instead of your radio volume.** Make adjusting your radio volume based on background noise a thing of the past. Intelligent Audio listens to sounds in the background and automatically raises or lowers your radio volume so you can always hear. If you're heading from a noisy area to a quiet place, you won't disturb others because you forgot to adjust the volume.

Intelligent Audio when complemented with IMPRES Audio takes your communications to a new level.

## OPERATIONS CRITICAL WIRELESS

**Work with your radio like never before.** Place your radio on a desk or cart, in a purse, medical bag or backpack and converse seamlessly with your wireless earpiece up to 30 feet away from your radio. Put your wireless PTT where you want to – on a clipboard, steering wheel or coat pocket – without wires getting in the way. Motorola Bluetooth enabled radios allow both an Operations Critical Wireless PTT and audio accessory to be connected and used at the same time. And Operations Critical Wireless accessories last up to 10 hours – up to 3 times the battery life of commercial Bluetooth® headsets.

# MOTOTRBO PORTABLE RADIOS



XPR 3000 SERIES

XPR 6000 SERIES

XPR 7000 SERIES

SL SERIES

**ONLY MOTOROLA OFFERS A WEALTH OF EXCLUSIVE AUDIO FEATURES THAT ENSURE YOUR MESSAGE IS HEARD EVEN IN THE MOST DEMANDING WORK CONDITIONS**

## IMPRES™ AUDIO

Ensure your voice is heard clearer, crisper, and louder regardless of level or direction you're speaking into the accessory.

## WINDPORTING AUDIO

Reduce the effect of wind and other outdoor noises so your messages are always heard clearly.

## NOISE-CANCELING AUDIO

Reduce the effect of background crowd and machinery noise so your messages are always heard clearly.














## INTELLIGENT AUDIO

Set your volume once. Depend on your accessory to listen for changes in background noise, adjusting the volume automatically so you hear every call.

# MOTOTRBO PORTABLE RADIOS

| COMPATIBILITY | ACCESSORY | FEATURES |
|---------------|-----------|----------|
|---------------|-----------|----------|

**REMOTE SPEAKER MICROPHONES AND PUBLIC SAFETY MICROPHONES** Our robust portfolio includes Remote Speaker Microphones, Public Safety Microphones and secondary audio accessories engineered to give you clearer communications even in loud environments.

| PORTABLE RADIOS  | REMOTE SPEAKER MICROPHONES  | DESCRIPTION   | PART NUMBER | IMPRES | INTELLIGENT AUDIO | WINDPORTING OR NOISE-CANCELING | VOLUME CONTROL <sup>2</sup>   |
|--|---|---|-------------|--------|-------------------|--------------------------------|---|
|  <p>XPR 6000 SERIES</p><br> <p>XPR 7000 SERIES</p> |    | Windporting Remote Speaker Microphone with 3.5mm audio jack, small (IP54)   | PMMN4024    |        | ●                 | Windporting                    |   |
|  |    | IMPRES Windporting Remote Speaker Microphone with 3.5mm audio jack and emergency button, small (IP54)                                 | PMMN4025    | ●      | ●                 | Windporting                    |   |
|  |    | Windporting Remote Speaker Microphone, small, submersible (IP57)  | PMMN4040    |        | ●                 | Windporting                    |   |
|  |    | IMPRES Windporting Remote Speaker Microphone with volume control, emergency button and programmable button, large, submersible (IP57) | PMMN4046    | ●      |                   | Windporting                    |  |
|  |   | IMPRES Noise-Cancelling Remote Speaker Microphone with 3.5mm audio jack, large (IP54)   | PMMN4050    | ●      |                   | Noise-Cancelling               |   |
|  <p>XPR 3000 SERIES</p>   |  | IMPRES Noise-Cancelling Remote Speaker Microphone with 3.5mm audio jack, large (IP54)   | PMMN4071    | ●      |                   | Noise-Cancelling               |   |
|  |  | IMPRES Windporting Remote Speaker Microphone with 3.5mm audio jack, small (IP55)  | PMMN4073    | ●      |                   | Windporting                    |   |
|  |  | Windporting Remote Speaker Microphone, small, submersible (IP57)  | PMMN4075    |        | ●                 | Windporting                    |   |
|  |  | Windporting Remote Speaker Microphone with 3.5mm audio jack, small (IP54)   | PMMN4076    |        | ●                 | Windporting                    |   |

<sup>2</sup> Two settings switch for volume – high and low.

**IMPRES AUDIO (MOTOROLA EXCLUSIVE):** Ensure your voice is heard clearer, crisper, and louder regardless of level or direction you're speaking into the accessory.

**INTELLIGENT AUDIO (MOTOROLA EXCLUSIVE):** Set your volume once. Depend on your accessory to listen for changes in background noise, adjusting the volume automatically so you hear every call.

**WINDPORTING (MOTOROLA EXCLUSIVE) OR NOISE-CANCELING:** Windporting reduces the effect of wind and other outdoor noises on your microphone performance and prevents water from clogging the microphone and distorting your transmission.



















Noise-cancelling microphones negates crowd or machinery noise so your voice comes through loud and clear anytime you speak directly into the microphone.

**AUDIO JACK:** Connect a variety of comfortable earpiece styles to the remote speaker microphone for a more discreet communication option.

**ORANGE BUTTON:** This essential programmable button on top of the microphone is easily activated if you are in trouble. This button can also be set for any programmable feature on the radio, such as emergency.

**VERTICAL MARKETS<sup>1</sup>**

All remote speaker microphones are built with top quality materials including durable **Kevlar®** cables that survive tough working conditions.

| PROGRAMMABLE BUTTON  | AUDIO JACK (3.5 MM)   | IP RATING | INTRINSIC SAFETY RATING | SIZE (MM)                               | TRANSPORTATION AND LOGISTICS | MANUFACTURING AND CONSTRUCTION | UTILITIES OR PUBLIC SERVICE | OIL AND GAS | PRIVATE SECURITY | HOSPITALITY AND RETAIL | EDUCATION (CAMPUSES) |
|--|---|-----------|-------------------------|---|------------------------------|--------------------------------|-----------------------------|-------------|------------------|------------------------|----------------------|
|  |  | IP54      | FM                      | Small<br>55 x 60 x 27<br>(without clip) | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |
|  |  | IP54      | FM                      | Small<br>55 x 60 x 27<br>(without clip) | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |
|  |  | ● IP57    | FM                      | Small<br>55 x 60 x 27<br>(without clip) | ●                            | ●                              | ●                           | ●           |                  |                        |                      |
|  |  | ● IP57    | FM                      | Large<br>60 x 78 x 28<br>(without clip) | ●                            | ●                              | ●                           | ●           |                  |                        |                      |
|  |  | IP54      | FM                      | Large<br>60 x 78 x 28<br>(without clip) |                              | ●                              |                             | ●           |                  | ●                      | ●                    |
|  |  | IP54      | FM                      | Large<br>60 x 78 x 28<br>(without clip) |                              | ●                              |                             |             |                  | ●                      | ●                    |
|  |  | IP55      | FM                      | Small<br>55 x 60 x 27<br>(without clip) | ●                            |                                | ●                           |             | ●                | ●                      | ●                    |
|  |  | ● IP57    | FM                      | Small<br>55 x 60 x 27<br>(without clip) | ●                            |                                | ●                           |             | ●                |                        |                      |
|  |  | IP54      | FM                      | Small<br>55 x 60 x 27<br>(without clip) | ●                            |                                | ●                           |             | ●                | ●                      | ●                    |

<sup>1</sup> These are recommended uses based on typical use case for each market listed.

**PROGRAMMABLE BUTTON:** This programmable button allows you to access key features while you keep your radio on your belt or hidden under a jacket.










**VOLUME CONTROL:** Conveniently access the volume control. Toggle switch allows you to easily adjust between high and low volume as needed.





**IP RATING:** The international standard for rating dust and water protection. The first digit represents the level of dust protection: 5 provides excellent protection from dust. The second digit represents water protection. IP54 provides protection from water sprayed from

all directions, IP55 protects against driving rain, and ● IP57 resists submersion in 1 meter of fresh water for 30 minutes.

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

# MOTOTRBO PORTABLE RADIOS

| COMPATIBILITY   |   | ACCESSORY   |             |                     | FEATURES                |  |  |
|---|---|---|-------------|---------------------|-------------------------|--|--|
| <b>REMOTE SPEAKER MICROPHONE ACCESSORIES</b> These earpieces give you the flexibility to receive radio communications more discreetly.  |   |   |             |                     |                         |  |  |
| PORTABLE RADIOS   | RSM ACCESSORIES   | DESCRIPTION   | PART NUMBER | EARPIECE TYPE       | INTRINSIC SAFETY RATING |  |  |
|  <p>XPR 6000 SERIES<br/>XPR 7000 SERIES</p>  <p>XPR 3000 SERIES</p> |    | Receive-Only Covered Earbud with coiled cord                  | AARLN4885   | Covered Earbud      | FM                      |  |  |
|   |    | Receive-Only Earpiece with translucent tube and rubber eartip | RLN4941     | Clear Rubber Eartip | FM                      |  |  |
|   |    | Receive-Only Flexible Earpiece                                | WADN4190    | Over-the-ear        | FM                      |  |  |
|   |    | Receive-Only D-Shell Earpiece                                 | PMLN4620    | Over-the-ear        | FM                      |  |  |
|  <p>XPR 6000 SERIES<br/>XPR 7000 SERIES</p>   |   | Replacement Coil Cord Kit for PMMN4024 and PMMN4040           | RLN6074     |                     |                         |  |  |
|   |  | Replacement Coil Cord Kit for PMMN4025, PMMN4046 and PMMN4050 | RLN6075     |                     |                         |  |  |

| COMPATIBILITY   |   | ACCESSORY  |             |        | FEATURES                       |                     |   |  |
|---|---|--|-------------|--------|--------------------------------|---------------------|---|--|
| <b>PUBLIC SAFETY MICROPHONES</b> Deliver the same advanced features as our Remote Speaker Microphones and also includes an antenna (purchased separately) to improve reception. |   |  |             |        |                                |                     |   |  |
| PORTABLE RADIOS   | PUBLIC SAFETY MICROPHONES   | DESCRIPTION  | PART NUMBER | IMPRES | WINDPORTING OR NOISE-CANCELING | CABLE LENGTH (INCH) | VOLUME CONTROL <sup>2</sup>   |  |
|  <p>XPR 6000 SERIES<br/>(UHF/VHF only)</p>   |  | IMPRES Windporting Public Safety Mic with 3.5mm audio jack, large (IP54) | PMMN4041    | ●      | Windporting                    | 30                  |  |  |
|   |   | IMPRES Windporting Public Safety Mic with 3.5mm audio jack, large (IP54) | PMMN4042    | ●      | Windporting                    | 24                  |   |  |
|   |   | IMPRES Windporting Public Safety Mic with 3.5mm audio jack, large (IP54) | PMMN4043    | ●      | Windporting                    | 18                  |   |  |
|   |  | IMPRES Windporting Public Safety Microphone, large, submersible (IP57)   | PMMN4047    | ●      | Windporting                    | 30                  |   |  |
|   |   | IMPRES Windporting Public Safety Microphone, large, submersible (IP57)   | PMMN4048    | ●      | Windporting                    | 24                  |   |  |
|   |   | IMPRES Windporting Public Safety Microphone, large, submersible (IP57)   | PMMN4049    | ●      | Windporting                    | 18                  |   |  |




<sup>2</sup> Two settings switch for volume – high and low.

## WHICH MICROPHONE IS RIGHT FOR ME?

If you work outdoors in demanding weather, a **Windporting microphone** is right for you. It reduces the effects of wind and other sounds whenever you use the microphone. It also prevents water from clogging the microphone for clear transmissions.



Talking in a crowd or near noisy machinery? A **Noise-Cancelling microphone** reduces background sounds. To optimize its noise reduction capabilities, hold the microphone in the correct use position directly in front of your mouth, facing the source of the noise (as shown in photo).



| COMPATIBILITY   |   | ACCESSORY  |             |                           | FEATURES             |                |             |        |  |
|---|---|--|-------------|---------------------------|----------------------|----------------|-------------|--------|--|
| PUBLIC SAFETY MICROPHONE ANTENNAS   |   |  |             |                           |                      |                |             |        |  |
| PORTABLE RADIOS   | ANTENNAS  | DESCRIPTION  | PART NUMBER | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | LENGTH (CM) | TYPE   |  |
|  <p>XPR 6000 SERIES</p> |   | UHF Public Safety Microphone Antenna for the 403-433 MHz range | PMAE4046    | UHF                       | 403-433              |                | 9           | Stubby |  |
|   |   | UHF Public Safety Microphone Antenna for the 430-470 MHz range | PMAE4047    | UHF                       | 430-470              |                | 9           | Stubby |  |
|   |  | VHF Public Safety Microphone Antenna for 136-153 MHz range     | PMAD4087    | VHF                       | 136-153              |                | 11          | Whip   |  |
|   |   | VHF Public Safety Microphone Antenna for 150-174 MHz range     | PMAD4086    | VHF                       | 150-174              |                | 11          | Whip   |  |

### VERTICAL MARKETS<sup>1</sup>






All remote speaker microphones are built with top quality materials including durable **Kevlar®** cables that survive tough working conditions.

| PROGRAMMABLE BUTTON  | AUDIO JACK (3.5mm)  | IP RATING | INTRINSIC SAFETY RATING <sup>1</sup> | TRANSPORTATION AND LOGISTICS | MANUFACTURING AND CONSTRUCTION | UTILITIES OR PUBLIC SERVICE | OIL AND GAS | PRIVATE SECURITY | HOSPITALITY AND RETAIL | EDUCATION (CAMPUSES) |
|--|---|-----------|--------------------------------------|------------------------------|--------------------------------|-----------------------------|-------------|------------------|------------------------|----------------------|
|  |  | IP54      | FM                                   |                              |                                | ●                           |             | ●                |                        | ●                    |
|  |   | IP54      | FM                                   |                              |                                | ●                           |             | ●                |                        | ●                    |
|  |   | IP54      | FM                                   |                              |                                | ●                           |             | ●                |                        | ●                    |
|  |   |           | ● IP57                               | FM                           |                                |                             | ●           |                  | ●                      |                      |
|  |   |           | ● IP57                               | FM                           |                                |                             | ●           |                  | ●                      |                      |
|  |   |           | ● IP57                               | FM                           |                                |                             | ●           |                  | ●                      |                      |

<sup>1</sup> These are recommended uses based on typical use case for each market listed.

# MOTOTRBO PORTABLE RADIOS



| COMPATIBILITY   |   | ACCESSORY  |             |        | FEATURES          |               |   |  |
|---|---|--|-------------|--------|-------------------|---------------|---|--|
| <p><b>SURVEILLANCE ACCESSORIES AND EARPIECES</b> Transmit and receive discreetly with a variety of surveillance kits that feature a streamlined design and rugged cables that withstand tough conditions. A quick-disconnect, durable and comfortable translucent tube enables easy sharing between shifts.</p> |   |  |             |        |                   |               |   |  |
| PORTABLE RADIOS   | SURVEILLANCE ACCESSORIES  | DESCRIPTION  | PART NUMBER | IMPRES | INTELLIGENT AUDIO | EARPIECE TYPE | MICROPHONE  |  |
| <br><b>XPR 6000 SERIES</b>   |  | 1-Wire Receive-only earpiece, black                        | PMLN6125    |        | ●                 | Earpiece      |   |  |
|   |   | 1-Wire Receive-only earpiece, beige                        | PMLN6126    |        | ●                 | Earpiece      |   |  |
| <br><b>XPR 7000 SERIES</b>   |  | IMPRES 2-Wire Surveillance Kit, programmable button, black | PMLN6127    | ●      | ●                 | Earpiece      |  |  |
|   |   | IMPRES 2-Wire Surveillance Kit, programmable button, beige | PMLN6128    | ●      | ●                 | Earpiece      |   |  |

**IMPRES AUDIO (MOTOROLA EXCLUSIVE):** Ensure your voice is heard clearer, crisper, and louder regardless of level or direction you're speaking into the accessory.

**INTELLIGENT AUDIO (MOTOROLA EXCLUSIVE):** Set your volume once. Depend on your accessory to listen for changes in background noise, adjusting the volume automatically so you hear every call.

**MICROPHONE AND PTT:** Some accessories have a microphone on the same wire as push-to-talk (2-wire surveillance kit) or on a separate wire (3-wire surveillance kits). Microphones are small, easy to mount and hide during surveillance operations, yet powerful enough to pick up whispered transmissions and reduce ambient noise.




## HOW DOES IMPRES IMPROVE AUDIO PERFORMANCE?

IMPRES enhances the clarity and audio quality of Motorola accessories by reducing ambient noise and improving voice intelligibility.

If you speak quietly or normally, but not directly into a microphone, IMPRES Audio detects changes in your voice and automatically adjusts the transmitted volume so your listener won't have to adjust volume up and down.

### VERTICAL MARKETS<sup>1</sup>

Two-wire kits have one wire for receiving transmissions and one wire with a combined microphone and push-to-talk.  
Three-wire kits feature separate wires for receiving transmissions, push-to-talk and microphone.














| PTT  | PROGRAMMABLE BUTTON | INTRINSIC SAFETY RATING | TRANSPORTATION AND LOGISTICS | MANUFACTURING AND CONSTRUCTION | UTILITIES OR PUBLIC SERVICE | OIL AND GAS | PRIVATE SECURITY | HOSPITALITY AND RETAIL | EDUCATION (CAMPUSES) |
|--|---------------------|-------------------------|------------------------------|--------------------------------|-----------------------------|-------------|------------------|------------------------|----------------------|
|  |                     |                         |                              |                                |                             |             | ●                | ●                      | ●                    |
|  |                     |                         |                              |                                |                             |             | ●                | ●                      | ●                    |
|  |                     |                         |                              |                                |                             |             | ●                | ●                      | ●                    |
|  |                     |                         |                              |                                |                             |             | ●                | ●                      | ●                    |









<sup>1</sup>These are recommended uses based on typical use case for each market listed.

**PROGRAMMABLE BUTTON:** This programmable button allows you to access key features while you keep your radio on your belt or hidden under a jacket.

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

# MOTOTRBO PORTABLE RADIOS











| COMPATIBILITY  |   | ACCESSORY  |             | FEATURES |                     |                     |   |
|--|---|--|-------------|----------|---------------------|---------------------|---|
| SURVEILLANCE ACCESSORIES AND EARPIECES   |   |  |             |          |                     |                     |   |
| PORTABLE RADIOS  | SURVEILLANCE ACCESSORIES  | DESCRIPTION  | PART NUMBER | IMPRES   | INTELLIGENT AUDIO   | EARPIECE TYPE       | MICROPHONE  |
| <br><b>XPR 6000 SERIES</b><br><br><br><b>XPR 7000 SERIES</b> |    | 1-Wire Surveillance Kit with translucent tube, in-line microphone and PTT, black | NNTN8459    |          |                     | Clear Rubber Eartip |    |
|  |    | IMPRES 2-Wire Surveillance Kit with translucent tube, programmable button, black | PMLN6129    | ●        | ●                   | Clear Rubber Eartip |    |
|  |   | IMPRES 2-Wire Surveillance Kit with translucent tube, programmable button, beige | PMLN6130    | ●        | ●                   | Clear Rubber Eartip |   |
|  |    | IMPRES 3-Wire Surveillance Kit with translucent tube, programmable button, black | PMLN6123    | ●        | ●                   | Clear Rubber Eartip |    |
| IMPRES 3-Wire Surveillance Kit with translucent tube, programmable button, beige   |   | PMLN6124   | ●           | ●        | Clear Rubber Eartip |                     |   |
| <br><b>XPR 3000 SERIES</b>   |   | 2-Wire Surveillance Kit with translucent tube, black                             | PMLN5724    |          | ●                   | Clear Rubber Eartip |   |
|  |   | 2-Wire Surveillance Kit with translucent tube, beige                             | PMLN5726    |          | ●                   | Clear Rubber Eartip |   |
| <b>SL SERIES</b>   |  | 1-Wire Surveillance Kit with in-line mic and push-to-talk, black                 | PMLN5957    |          |                     | Clear Rubber Eartip |  |

| COMPATIBILITY  |   | ACCESSORY   |   | FEATURES            |                              |          |
|--|---|---|---|---------------------|------------------------------|----------|
| SURVEILLANCE ACCESSORY REPLACEMENT KITS  |   |   |   |                     |                              |          |
| PORTABLE RADIOS  | REPLACEMENT KITS  | DESCRIPTION   | PART NUMBER   | EARPIECE TYPE       | COMPATIBLE SURVEILLANCE KITS |          |
| <br><b>XPR 6000 SERIES</b><br><br><br><b>XPR 7000 SERIES</b> |  | Low Noise Kit with translucent tube and 1 clear rubber eartip                       | RLN6242   | Clear Rubber Eartip | PMLN6123                     |          |
|  |  | Replacement standard clear rubber eartip. Pack of 50                                | RLN6282   | Clear Rubber Eartip | PMLN6124                     |          |
|  |   |  | Replacement Foam Plugs for RLN6242. Noise reduction = 24dB. Pack of 25 pairs                              | RLN6281             | Foam Eartip                  | PLMN6127 |
|  |  |   | <b>Note:</b> for High noise kit solution combine RLN6242 Low Noise Kit and RLN6281 Replacement Foam Plugs |                     | Foam Eartip                  | PMLN6128 |
|  |   |  | Low Noise Kit with 1 clear rubber eartip  | RLN5886             | Clear Rubber Eartip          | PMLN6129 |
|  |  |   | High Noise Kit with 2 foam earplugs   | RLN5887             | Foam Eartip                  | PMLN6130 |
|  |   |   |   |                     | NNTN8459                     |          |
|  |   |   |   |                     | RLN5882                      |          |
|  |   |   |   |                     | RLN5883                      |          |
|  |   |   |   |                     | PMLN5111                     |          |
|  |   |   |   |                     | PMLN5112                     |          |
|  |   |   |   |                     | PMLN6125                     |          |
|  |   |   |   |                     | PMLN6126                     |          |








**VERTICAL MARKETS<sup>1</sup>**








| PTT  | PROGRAMMABLE BUTTON   | INTRINSIC SAFETY RATING | TRANSPORTATION AND LOGISTICS | MANUFACTURING AND CONSTRUCTION | UTILITIES OR PUBLIC SERVICE | OIL AND GAS | PRIVATE SECURITY | HOSPITALITY AND RETAIL | EDUCATION (CAMPUSES) |
|--|---|-------------------------|------------------------------|--------------------------------|-----------------------------|-------------|------------------|------------------------|----------------------|
|    |   |                         |                              |                                |                             |             | ●                | ●                      | ●                    |
|    |  |                         |                              |                                |                             |             | ●                | ●                      | ●                    |
|    |  |                         |                              |                                |                             |             | ●                | ●                      | ●                    |
|   |   |                         |                              |                                |                             |             | ●                | ●                      | ●                    |
|  |   |                         |                              |                                | ●                           |             | ●                | ●                      | ●                    |

<sup>1</sup> These are recommended uses based on typical use case for each market listed.

| COMPATIBILITY   | ACCESSORY   |  |             | FEATURES            |                              |
|---|---|--|-------------|---------------------|------------------------------|
| <b>SURVEILLANCE ACCESSORY REPLACEMENT KITS</b>  |   |  |             |                     |                              |
| PORTABLE RADIOS   | REPLACEMENT KITS  | DESCRIPTION  | PART NUMBER | EARPIECE TYPE       | COMPATIBLE SURVEILLANCE KITS |
| <b>XPR 3000 SERIES</b>  |  | Replacement quick disconnect translucent tube with 1 clear rubber eartip (replacement for PMLN5724/26) | HKLN4478    | Clear Rubber Eartip | PMLN5724<br>PMLN5726         |
|   |  | Replacement quick disconnect translucent tube with 1 clear rubber eartip (replacement for PMLN5957)    | PMLN6175    | Clear Rubber Eartip | PMLN5957                     |
| <b>SL SERIES</b>  |  | Small Custom Earpiece - Right Ear  | RLN4760     | Custom Earpiece     |                              |
|   |  | Medium Custom Earpiece - Right Ear   | RLN4761     | Custom Earpiece     |                              |
|   |  | Large Custom Earpiece - Right Ear  | RLN4762     | Custom Earpiece     |                              |
|   |  | Small Custom Earpiece - Left Ear   | RLN4763     | Custom Earpiece     |                              |
|   |  | Medium Custom Earpiece - Left Ear  | RLN4764     | Custom Earpiece     |                              |
|   |  | Large Custom Earpiece - Left Ear   | RLN4765     | Custom Earpiece     |                              |
| <br><b>XPR 6000 SERIES</b> |   |  |             |                     |                              |
| <br><b>XPR 7000 SERIES</b> |   |  |             |                     |                              |

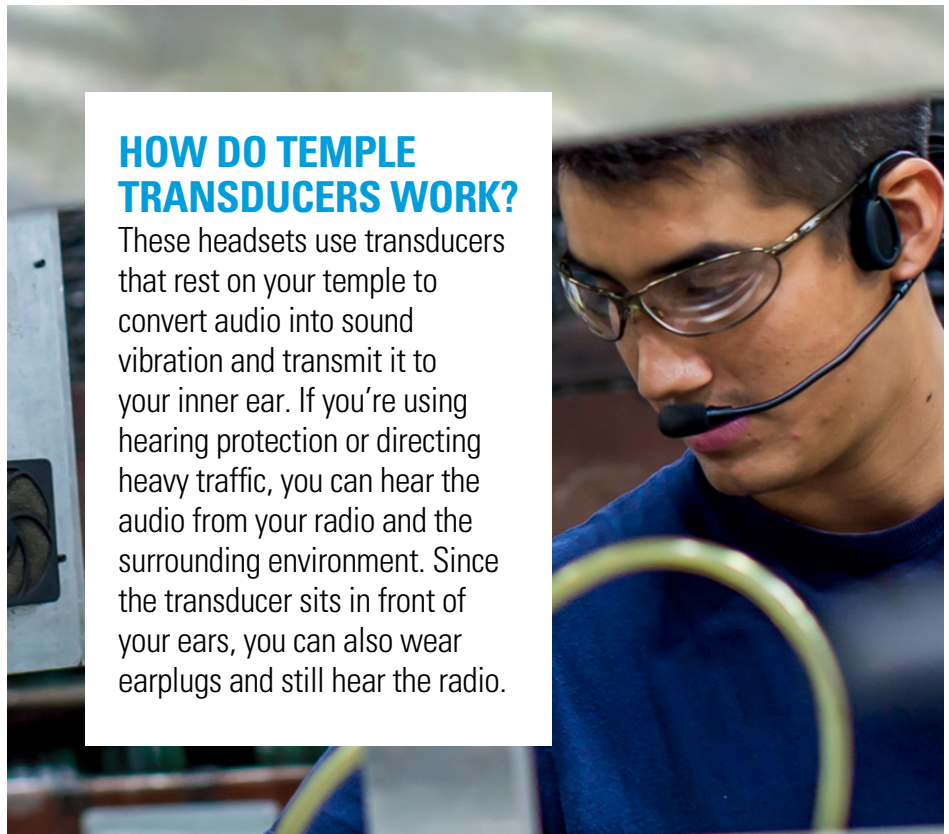
# MOTOTRBO PORTABLE RADIOS

| COMPATIBILITY  |  | ACCESSORY  |             |               | FEATURES   |         |                         |  |
|--|--|--|-------------|---------------|------------|---------|-------------------------|--|
| EARPIECES  |  |  |             |               |            |         |                         |  |
| PORTABLE RADIOS  | EARPIECES  | DESCRIPTION  | PART NUMBER | EARPIECE TYPE | MICROPHONE | PTT     | INTRINSIC SAFETY RATING |  |
| XPR 6000 SERIES<br>XPR 7000 SERIES   |   | D-Style Earset with boom microphone and in-line push-to-talk     | PMLN5096    | D-Style       | Boom       | In-Line | FM                      |  |
|  |   | Swivel Earpiece with in-line microphone and push-to-talk         | PMLN5958    | Over-the-Ear  | In-Line    | In-Line |                         |  |
| <br>SL SERIES       |   | Mag One Earbud with in-line microphone and push-to-talk          | PMLN5733A   | Earbud        | In-Line    | In-Line |                         |  |
| <br>XPR 3000 SERIES |   | Mag One Swivel Earpiece with in-line microphone and push-to-talk | PMLN5727A   | Over-the-Ear  | In-Line    | In-Line |                         |  |
|  |  | Mag One Earset with boom microphone and in-line push-to-talk     | PMLN5732A   | Earset        | In-Line    | In-Line |                         |  |

| COMPATIBILITY  |  | ACCESSORY   |   |                 | FEATURES       |            |            |      |
|--|--|---|---|-----------------|----------------|------------|------------|------|
| HEADSETS   |  |   |   |                 |                |            |            |      |
| PORTABLE RADIOS  | HEADSETS   | DESCRIPTION   | PART NUMBER   | HEADSET TYPE    | EARPIECE STYLE | IMPRES     | MICROPHONE |      |
| XPR 3000 SERIES  |                     | Heavy-Duty Headset with Noise-Cancelling boom mic and in-line push-to-talk, noise reduction = 24dB (See user guide for replacement parts)                   | PMLN5731  | Over-the-Head   | Dual-Ear       |            | Boom       |      |
| <br>XPR 6000 SERIES |                     | Heavy Duty Behind-the-Head Headset with Noise-Cancelling boom microphone, noise reduction = 24dB (See user guide for replacement parts)                     | PMLN5275  | Behind-the-Head | Dual-Ear       |            | Boom       |      |
|  |                     | IMPRES Temple Transducer with boom microphone and in-line push-to-talk  | PMLN5101  | Behind-the-Head | Bone Conductor | ●          | Boom       |      |
|  | <br>XPR 7000 SERIES |    | Lightweight Over-the-Head Headset single muff with in-line push-to-talk and boom mic (Replacement parts: RLNG283-Kit includes foam earpad and microphone cover) | RMN5058         | Over-the-Head  | Single-Ear |            | Boom |
|                     |  | Ultra-Lite Behind-the-Head Headset, single muff with in-line push-to-talk and boom mic (Replacement parts: 6104000K01-Windscreen; 4204005K01-Clothing clip) | PMLN5102  | Behind-the-Head | Single-Ear     |            | Boom       |      |

| VERTICAL MARKETS <sup>1</sup> |                                |                        |                      |
|-------------------------------|--------------------------------|------------------------|----------------------|
| PRIVATE SECURITY              | MANUFACTURING AND CONSTRUCTION | HOSPITALITY AND RETAIL | EDUCATION (CAMPUSES) |
| ●                             | ●                              | ●                      | ●                    |
| ●                             |                                | ●                      | ●                    |
| ●                             |                                | ●                      | ●                    |
| ●                             |                                | ●                      | ●                    |
| ●                             |                                | ●                      | ●                    |

<sup>1</sup> These are recommended uses based on typical use case for each market listed.




**HOW DO TEMPLE TRANSDUCERS WORK?**

These headsets use transducers that rest on your temple to convert audio into sound vibration and transmit it to your inner ear. If you're using hearing protection or directing heavy traffic, you can hear the audio from your radio and the surrounding environment. Since the transducer sits in front of your ears, you can also wear earplugs and still hear the radio.

| VERTICAL MARKETS <sup>1</sup> |                   |                         |                              |                                |                             |             |                  |                        |                      |   |
|-------------------------------|-------------------|-------------------------|------------------------------|--------------------------------|-----------------------------|-------------|------------------|------------------------|----------------------|---|
| PTT                           | WEIGHT            | INTRINSIC SAFETY RATING | TRANSPORTATION AND LOGISTICS | MANUFACTURING AND CONSTRUCTION | UTILITIES OR PUBLIC SERVICE | OIL AND GAS | PRIVATE SECURITY | HOSPITALITY AND RETAIL | EDUCATION (CAMPUSES) |   |
| In-Line                       | Heavy Duty        | FM                      |                              | ●                              | ●                           | ●           |                  |                        |                      |   |
| In-Line                       | Heavy Duty        | FM                      |                              | ●                              | ●                           | ●           |                  |                        |                      |   |
| In-Line                       | Lightweight       | FM                      | ●                            | ●                              | ●                           | ●           | ●                |                        |                      | ● |
| In-Line                       | Lightweight       | FM                      |                              | ●                              | ●                           |             | ●                | ●                      |                      | ● |
| In-Line                       | Ultra Lightweight | FM                      |                              | ●                              | ●                           |             | ●                | ●                      |                      | ● |

<sup>1</sup> These are recommended uses based on typical use case for each market listed.

# MOTOTRBO PORTABLE RADIOS

| COMPATIBILITY   |   | ACCESSORY   |             |                             | FEATURES                        |                           |  |                     |                |  |
|---|---|---|-------------|-----------------------------|---------------------------------|---------------------------|--|---------------------|----------------|--|
| <b>OPERATIONS CRITICAL WIRELESS BLUETOOTH® ACCESSORIES</b> This portfolio is a game changer, giving you the flexibility to remove the radio from your belt and stay connected within 30 feet.                                 |   |   |             |                             |                                 |                           |  |                     |                |  |
| PORTABLE RADIOS   | ACCESSORIES   | DESCRIPTION   | PART NUMBER | EARPIECE TYPE               | MICROPHONE                      | PTT                       | TALK TIME (HOURS) 5/5/90 DUTY CYCLE <sup>1</sup> | CHARGE TIME (HOURS) | WEIGHT (GRAMS) |  |
| XPR 6000 SERIES   |    | Operations Critical Wireless Bluetooth Adapter  | PMLN5712    | N/A                         | N/A                             | On Adapter                |  |                     | 30             |  |
| <br>XPR 6000 SERIES<br>XPR 7000 SERIES<br><br><br>SL SERIES |    | Operations Critical Wireless Earpiece with 12 inch cable                                | NNTN8125    | Over-the-ear (CommPort™)    | Directional, above the Earpiece | On PTT Pod                | 10   | 3                   | 43             |  |
|   |    | Operations Critical Wireless Earpiece with 9.5 inch cable                               | NNTN8126    | Over-the-ear (CommPort™)    | Directional, above the Earpiece | On PTT Pod                | 10   | 3                   | 43             |  |
|   |    | Operations Critical Wireless push-to-talk pod   | NNTN8127    | N/A                         | N/A                             | On PTT Pod                | 10   | 3                   | 43             |  |
|   |   | HK200 Bluetooth earpiece  | 89409N      | Standard Bluetooth Earpiece | Standard Bluetooth Earpiece Mic | Radio only                | 8  |                     | 9              |  |
| <b>ENHANCED OPERATIONS CRITICAL WIRELESS</b>  |   |   |             |                             |                                 |                           |  |                     |                |  |
| <br>XPR 6000 SERIES (EXCEPT XPR 6100)  |  | Enhanced Operations Critical Wireless Adapter with touch pairing                        | PMLN5993    | N/A                         | N/A                             | On Adapter                |  |                     | 35             |  |
|   |  | Enhanced Operations Critical Wireless Earpiece with 12 inch cable and push-to-talk pod  | NTN2570     | Over-the-ear (CommPort™)    | Directional, above the Earpiece | On PTT Pod                | 10   | 3                   | 43             |  |
|   |  | Enhanced Operations Critical Wireless Earpiece with 9.5 inch cable and push-to-talk pod | NTN2573     | Over-the-ear (CommPort™)    | Directional, above the Earpiece | On PTT Pod                | 10   | 3                   | 43             |  |
|   |  | Enhanced Operations Critical Wireless push-to-talk pod                                  | NTN2571     | N/A                         | N/A                             | On PTT Pod                | 10   | 3                   | 43             |  |
| <b>OPERATIONS CRITICAL AND ENHANCED OPERATIONS CRITICAL WIRELESS ACCESSORIES</b>  |   |   |             |                             |                                 |                           |  |                     |                |  |
| XPR 6000 SERIES<br><br>XPR 7000 SERIES<br><br>SL SERIES   |  | Operations Critical Wireless Earbud with 11.5 inch cable                                | NNTN8294    | Earbud                      | In-line                         | On Pod (order separately) |  |                     |                |  |
|   |  | Operations Critical Wireless Earbud with 45 inch cable                                  | NNTN8295    | Earbud                      | In-line                         | On Pod (order separately) |  |                     |                |  |

<sup>1</sup> Accessory solution is FM certified when used with an FM certified radio system and FM certified adapter if required (XPR6000).

**EARPIECE TYPE:** Choose the right fit for your operations – a simple, low cost, discreet earbud or the rugged, high performance CommPort™ style earpiece.

**MICROPHONE:** The in-line microphone on the earbud earpiece is designed for general use, while the directional microphone on the CommPort™ style earpiece is ideal for lower noise environments.

**VERTICAL MARKETS<sup>1</sup>**

Note: SL SERIES and XPR 7000 portable radios have Bluetooth embedded in the radio and do not require a separate external adapter.

| SIZE (MILLIMETERS) | OPERATIONS CRITICAL/ ENHANCED OPERATIONS CRITICAL    | TOUCH/ STANDARD PAIRING | RANGE (FEET LINE OF SIGHT) | IP RATING | INTRINSIC SAFETY RATING <sup>2</sup> | TRANSPORTATION AND LOGISTICS | MANUFACTURING AND CONSTRUCTION | UTILITIES OR PUBLIC SERVICE | OIL AND GAS | PRIVATE SECURITY | HOSPITALITY AND RETAIL | EDUCATION (CAMPUSES) |
|--------------------|--|-------------------------|----------------------------|-----------|--------------------------------------|------------------------------|--------------------------------|-----------------------------|-------------|------------------|------------------------|----------------------|
| 65 x 22 x 20       | Operations Critical                                  | Standard                |                            | IP57      |                                      | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |
| 70 x 41 x 25       | Operations Critical                                  | Standard                | 30                         | IP54      | FM                                   | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |
| 70 x 41 x 25       | Operations Critical                                  | Standard                | 30                         | IP54      | FM                                   | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |
| 70 x 41 x 25       | Operations Critical                                  | Standard                | 30                         | IP54      | FM                                   | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |
| 44 x 19 x 12       | Operations Critical                                  | Standard                | 30                         |           |                                      | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |
| 65 x 22 x 20       | Enhanced Operations Critical                         | Touch                   |                            | IP57      | FM                                   | ●                            | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
| 70 x 41 x 25       | Enhanced Operations Critical                         | Touch                   | 30                         | IP54      | FM                                   | ●                            | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
| 70 x 41 x 25       | Enhanced Operations Critical                         | Touch                   | 30                         | IP54      | FM                                   | ●                            | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
| 70 x 41 x 25       | Enhanced Operations Critical                         | Touch                   | 30                         | IP54      | FM                                   | ●                            | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
|                    | Operations Critical and Enhanced Operations Critical |                         |                            |           |                                      | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |
|                    | Operations Critical and Enhanced Operations Critical |                         |                            |           |                                      | ●                            | ●                              | ●                           |             | ●                | ●                      | ●                    |

<sup>1</sup> These are recommended uses based on typical use case for each market listed.












**OPERATIONS CRITICAL/ENHANCED OPERATIONS CRITICAL:** This Bluetooth® solution specifically for businesses features simple pairing, high quality audio and fast push-to-talk to ensure every word is transmitted. Enhanced Operations Critical Wireless has all this, plus instant pairing with just a touch of the accessory to the radio's Bluetooth adapter,

and intrinsically safe certification for hazardous environments. This means multiple workers on shifts who need grab-and-go device can all pair at the same time without connecting to the wrong radio.

# MOTOTRBO PORTABLE RADIOS

## HOW DO OPERATIONS CRITICAL WIRELESS ACCESSORIES HELP ME?

They free you from being physically connected to the radio. This means a line worker can put the radio on a shelf and communicate. A receptionist can place her radio out of sight and confer unobtrusively with staff while welcoming guests. Or a sports trainer can leave the radio in a medical bag while he tends to injured athletes on the field.

| COMPATIBILITY   | ACCESSORY   |   |             | FEATURES                 |                                 |
|---|---|---|-------------|--------------------------|---------------------------------|
| <b>WIRELESS REPLACEMENT KITS</b>  |   |   |             |                          |                                 |
| PORTABLE RADIOS   | ACCESSORIES   | DESCRIPTION   | PART NUMBER | EARPIECE TYPE            | MICROPHONE                      |
|  <p><b>XPR 6000 SERIES</b></p>  <p><b>XPR 7000 SERIES</b></p>  <p><b>SL SERIES</b></p> |  | Replacement Wireless Earpiece 12 inch cable for NNTN8125  | NTN2572     | Over-the-Ear (CommPort™) | Directional, above the Earpiece |
|   |  | Replacement Wireless Earpiece 9.5 inch cable for NNTN8126   | NTN2575     | Over-the-Ear (CommPort™) | Directional, above the Earpiece |
|   |  | Wireless Earpiece Maintenance Kit with 10 silicone ear tubes, 10 microphone seal strips and 2 foam windscreens for comport earpiece | NTN8821     |                          |                                 |
|   |  | Ear strap for comport earpiece (pack of 10)   | NTN8988     |                          |                                 |
|   |  | Eartube for comport earpiece (pack of 10)   | RLN5037     |                          |                                 |
|   |  | Replacement ear tips kit for wireless ear buds (20 Small, 20 Medium, 20 Large and 10 clips)   | NNTN8316    |                          |                                 |
|   |  | Replacement or spare micro-USB plug-in charger (US plug) for wireless pod   | SPN5334     |                          |                                 |
|   |  | Swivel clip for Operations Critical and Enhanced Operations Critical Wireless pods  | PMLN6246    |                          |                                 |

Note: SL series and XPR 7000 series portable radios have Bluetooth embedded in the radio and do not require a separate external adapter.





|                             |  | VERTICAL MARKETS <sup>1</sup> |                                |                             |             |                  |                        |                      |
|-----------------------------|--|-------------------------------|--------------------------------|-----------------------------|-------------|------------------|------------------------|----------------------|
| PTT                         | OPERATIONS CRITICAL / ENHANCED OPERATIONS CRITICAL   | TRANSPORTATION AND LOGISTICS  | MANUFACTURING AND CONSTRUCTION | UTILITIES OR PUBLIC SERVICE | OIL AND GAS | PRIVATE SECURITY | HOSPITALITY AND RETAIL | EDUCATION (CAMPUSES) |
| On Pod (ordered separately) | Operations Critical and Enhanced Operations Critical | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
| On Pod (ordered separately) | Operations Critical and Enhanced Operations Critical | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
|                             |  | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
|                             |  | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
|                             |  | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
|                             |  | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
|                             |  | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
|                             |  | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |
|                             |  | ●                             | ●                              | ●                           | ●           | ●                | ●                      | ●                    |

<sup>1</sup> These are recommended uses based on typical use case for each market listed.

# MOTOTRBO PORTABLE RADIOS

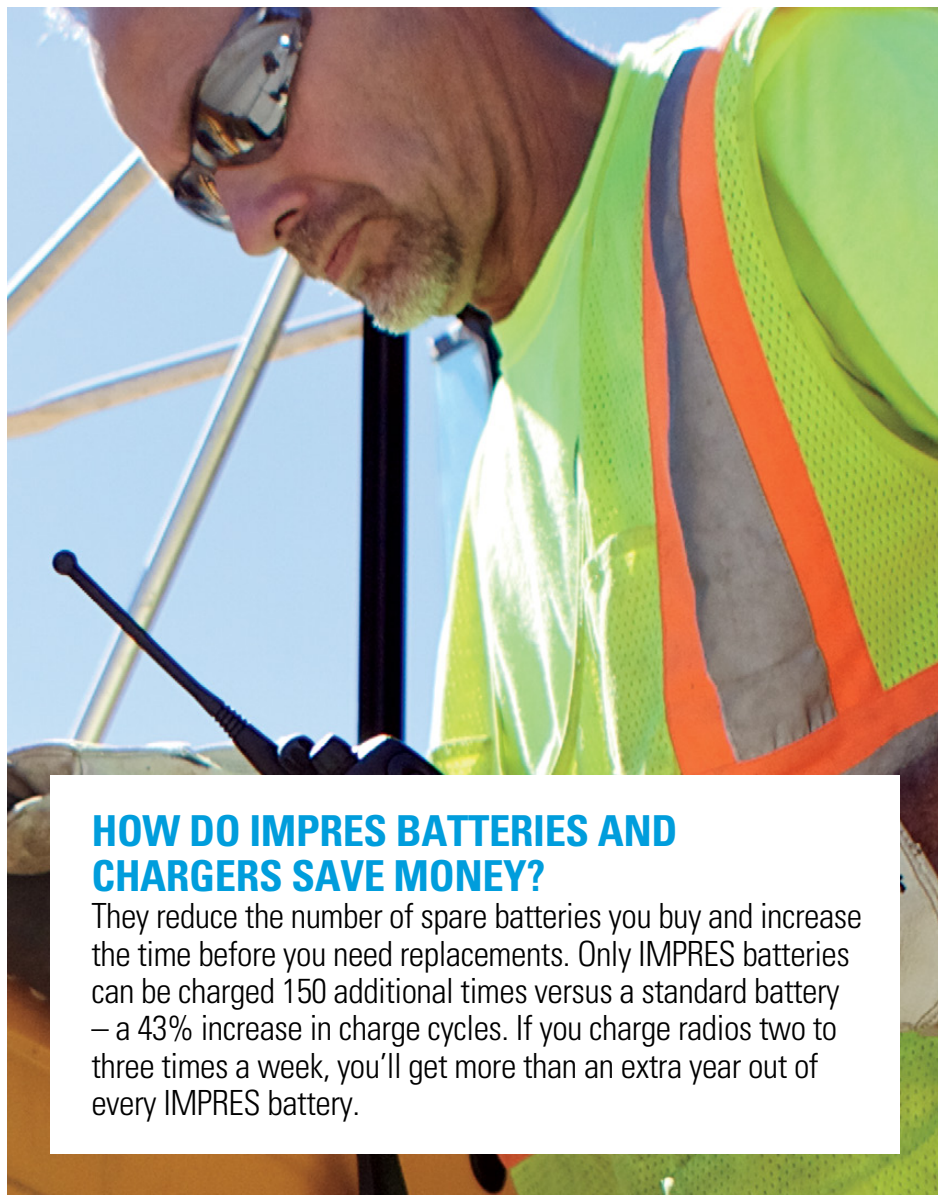
| COMPATIBILITY  |   | ACCESSORY   |  |          | FEATURES  |                           |  |                             |  |
|--|---|---|--|----------|-----------|---------------------------|--|-----------------------------|--|
| <b>MOTOROLA ORIGINAL® TWO-WAY RADIO BATTERIES</b> The only batteries developed, tested and certified for optimal performance with your MOTOTRBO radio. MOTOTRBO batteries are Proven Tough, in lab test after lab test, to withstand shocks, knocks, drops and shakes and outperform the other brands. |   |   |  |          |           |                           |  |                             |  |
| PORTABLE RADIOS  | BATTERIES   | DESCRIPTION   | PART NUMBER  | IMPRES   | CHEMISTRY | MIN. RATED CAPACITY (mAh) | APPROXIMATE OPERATIONAL TIME (HOURS) 5/5/90 DUTY CYCLE |                             |  |
| <br><b>XPR 6000 SERIES</b>  |                              | IMPRES™ Li-Ion 1500 mAh battery Submersible (IP57)                                  | PMNN4066   | ●        | Li-Ion    | 1500                      | Analog: 9<br>Digital: 13                               |                             |  |
|  |                              | IMPRES Li-Ion 1400 mAh battery Submersible (IP57), Intrinsically safe (FM)          | PMNN4069   | ●        | Li-Ion    | 1400                      | Analog: 9<br>Digital: 12                               |                             |  |
|  |                              | IMPRES Li-Ion 2150 mAh battery Submersible (IP57)                                   | PMNN4077   | ●        | Li-Ion    | 2150                      | Analog: 13<br>Digital: 18                              |                             |  |
|  |                              | NiMh 1300 mAh battery Submersible (IP57)  | PMNN4065   |          | NiMh      | 1300                      | Analog: 8<br>Digital: 11                               |                             |  |
| <b>XPR 3000 SERIES</b>   |                             | Slim Li-Ion 1500 mAh battery Submersible (IP57)                                     | PMNN4406   |          | Li-Ion    | 1500                      | Analog: 8<br>Digital: 11.5                             |                             |  |
| <br><b>XPR 3000 SERIES</b>  |                            | IMPRES Slim Li-Ion 1500 mAh battery Submersible (IP57)                              | PMNN4407   | ●        | Li-Ion    | 1500                      | Analog: 8<br>Digital: 11.5                             |                             |  |
|  | <br><b>XPR 7000 SERIES</b> |  | IMPRES Hi-Cap Li-Ion 2150 mAh battery Submersible (IP57) | PMNN4409 | ●         | Li-Ion                    | 2150   | Analog: 11<br>Digital: 16.5 |  |
| <b>XPR 7000 SERIES</b>   |                            | IMPRES Hi-Cap Li-Ion 2300 mAh battery Submersible (IP57), Intrinsically safe (FM)   | NNTN8129   | ●        | Li-Ion    | 2300                      | Analog: 12<br>Digital: 17.5                            |                             |  |
| <br><b>SL SERIES</b>  |                            | BT90 Li-Ion 1800mAh Battery   | HKNN4013   |          | Li-Ion    | 1800                      | 11.5   |                             |  |
|  |                            | BT7X Li-Ion 1400mAh Battery   | PMNN4425   |          | Li-Ion    | 1400                      | 8.5  |                             |  |
|  |                            | Replacement Battery Cover (BT90 - high capacity battery)                            | PMLN6001   |          |           |                           |  |                             |  |
|  |                            | Replacement Battery Cover (BT7X - standard battery)                                 | PMLN6000   |          |           |                           |  |                             |  |

**IMPRES BATTERIES AND CHARGERS:** 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 and exactly when an IMPRES battery has reached the end of service life.

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

| DIMENSIONS (MILLIMETERS) | WEIGHT (MAX. GRAMS) | INTRINSIC SAFETY RATING | IP RATING |
|--------------------------|---------------------|-------------------------|-----------|
| 129 x 55 x 21            | 145                 |                         | IP57      |
| 129 x 55 x 23            | 155                 | FM                      | IP57      |
| 129 x 55 x 23            | 160                 |                         | IP57      |
| 129 x 55 x 21            | 215                 |                         | IP57      |
| 113 x 52 x 18            | 125                 |                         | IP57      |
| 113 x 52 x 18            | 125                 |                         | IP57      |
| 113 x 52 x 24            | 150                 |                         | IP57      |
| 113 x 52 x 24            | 150                 | FM                      | IP57      |
| 9 x 36 x 54              | 38                  |                         |           |
| 7 x 36 x 54              | 30                  |                         |           |

**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 most leading competitive batteries.



## HOW DO IMPRES BATTERIES AND CHARGERS SAVE MONEY?

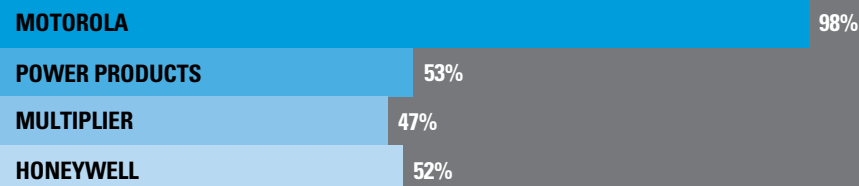
They reduce the number of spare batteries you buy and increase the time before you need replacements. Only IMPRES batteries can be charged 150 additional times versus a standard battery – a 43% increase in charge cycles. If you charge radios two to three times a week, you'll get more than an extra year out of every IMPRES battery.

## KNOCKS. DROPS. SHOCKS. VIBRATION. STATIC.

If your radio gets banged on a ride, rattled by heavy equipment or shocked by static electricity, our batteries will stay true and stand tough. These rigorous lab tests prove that Motorola radio batteries perform robustly and reliably, despite the toughest conditions. What's more, we stand behind every battery we build.

See [www.motorolasolutions.com/proventough](http://www.motorolasolutions.com/proventough) for details.

### PROVEN TOUGH BATTERY TESTING PASS RATE



# MOTOTRBO PORTABLE RADIOS

| COMPATIBILITY | ACCESSORY | FEATURES |
|---------------|-----------|----------|
|---------------|-----------|----------|

**CHARGER SOLUTIONS** Choose from a variety of solutions including single-unit, multi-unit, travel and in-vehicle chargers and be confident your radio is charged and ready to go the moment you need it.

| PORTABLE RADIOS | CHARGERS | DESCRIPTION   | PART NUMBER | IMPRES | CHEMISTRY    | POWER SOURCE  | DIMENSIONS (MILLIMETERS) | NUMBER OF POCKETS |
|-----------------|----------|---|-------------|--------|--------------|---------------|--------------------------|-------------------|
| XPR 3000 SERIES |          | Single-Unit Rapid Rate Charger, 120V (US Plug)  | NNTN8275    |        | Li-Ion, NiMh | 120V          |                          | 1                 |
|                 |          | IMPRES Single-Unit Rapid Rate Charger, 120V (US Plug)   | WPLN4232    | ●      | Li-Ion, NiMh | 100 - 240 VAC | 61 x 97 x 163            | 1                 |
|                 |          | IMPRES Multi-Unit Rapid Rate Charger, 120V (US plug)  | WPLN4212    | ●      | Li-Ion, NiMh | 120V          | 153 x 445 x 292          | 6                 |
|                 |          | IMPRES Multi-Unit Rapid Rate Charger with <b>Displays</b> , 120V (US plug)                                      | WPLN4219    | ●      | Li-Ion, NiMh | 120V          | 153 x 445 x 292          | 6                 |
|                 |          | Display Module for IMPRES Multi-Unit Charger  | RLN5382     | ●      |              |               |                          |                   |
|                 |          | Wall Mount Bracket for IMPRES Multi-Unit Charger  | NLN7967     |        |              |               |                          |                   |
|                 |          | Standard Micro-USB Single-Unit Rapid Rate, Plug-In Charger 120V (US plug)                                       | PMPN4009    |        | Li-Ion       | 120V          |                          | 1                 |
|                 |          | Tri-unit Rapid Rate Charger (Simultaneously charge radio, spare battery and a Bluetooth device), 120V (US plug) | PMLN6358    |        | Li-Ion       | 120V          | 52 x 93 x 113            | 2 + 1             |
|                 |          | Six-Pocket Multi-Unit Rapid Rate Charger 120V (US plug)   | PMLN5916    |        | Li-Ion       | 120V          | 65 x 424 x 110           | 6                 |

## VEHICULAR AND TRAVEL CHARGERS

|                 |  |   |          |   |              |                            |               |   |
|-----------------|--|---|----------|---|--------------|----------------------------|---------------|---|
| XPR 6000 SERIES |  | IMPRES Single-Unit Rapid Rate Vehicular Charger, heavy-duty permanent mount   | NNTN7616 | ● | Li-Ion, NiMh | 10.8 - 16.6 VDC (hardwire) | 200 x 83 x 97 | 1 |
|                 |  | Travel Charger, rapid rate with voltage regulated vehicular charger adapter, custom charger base, mounting bracket, and coil cord | RLN6433  |   | Li-Ion, NiMh | Cigarette Lighter Adapter  | 58 x 64 x 67  | 1 |

## IMPRES BATTERY MANAGEMENT TOOLS

|  |  |   |          |  |  |  |  |  |
|--|--|---|----------|--|--|--|--|--|
|  |  | IMPRES Battery Reader   | NNTN7392 |  |  |  |  |  |
|  |  | IMPRES Battery Fleet Management Multi-Unit Charger Interface Unit                 | NNTN7677 |  |  |  |  |  |
|  |  | IMPRES Battery Fleet Management Single-Unit Charger Interface Unit                | NNTN8045 |  |  |  |  |  |
|  |  | IMPRES Battery Fleet Management License Key                                       | HKVN4036 |  |  |  |  |  |
|  |  | IMPRES Battery Fleet Management Software, downloadable from Motorola Online (MOL) | NNTN7676 |  |  |  |  |  |

**IMPRES:** 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 and exactly when an IMPRES battery has reached the end of service life.

**NUMBER OF POCKETS:** MOTOTRBO multi-unit chargers let you simultaneously charge up to 6 radios and/or batteries. The unique tri-unit charger for the SL Series enables you to charge a radio, spare battery and wireless device simultaneously.

## IMPRES BATTERY MANAGEMENT TOOLS?

With the unique IMPRES Battery Reader and IMPRES Battery Fleet Management systems, efficiently manage your batteries with real-time data not available with other manufacturers' batteries. Our easy-to-use software applications show you if there is enough capacity for a full shift, alert you to low capacity batteries, prevent downtime and eliminate throwing batteries out prematurely.



## IMPRES BATTERY FLEET MANAGEMENT SOFTWARE REPORTS

Motorola IMPRES's Fleet Management

Active Batteries

| Serial Number | Alias   | Group          | Radio Family             | Chm       | PM     | Rated Capacity | Current Capacity | Date of First Use |
|---------------|---------|----------------|--------------------------|-----------|--------|----------------|------------------|-------------------|
| 80000185479   | Sam     | Building 1     | VTS 800038007000         | HNW0315   | NCL    | 1525           | 1391             | 8/12/2008         |
| 80000185480   | Blair   | Security       | APK                      | WNTN79734 | NM4    | 2100           | 1489             | 8/15/2008         |
| 80000185489   | Michael | Security       | APK                      | WNTN79734 | NM4    | 2000           | 2607             | 8/16/2007         |
| 80000088921   | Phil    | Administration | V1/GP/RD Series          | HNW02848  | NCL    | 1550           | 1249             | 8/14/2009         |
| 80000201132   | Phil    | Building 1     | VTS 800038007000         | WNTN4378  | NM4    | 1700           | 1369             | 8/16/2008         |
| 80000201959   | Steve   | Building 1     | VTS 2920, VTS/V1FR, 1550 | WNTN78544 | Li-Ion | 2000           | 1460             | 8/24/2008         |
| 80000204962   | Steve   | None           | Laber                    | HNW0319   | NCL    | 2000           | 1600             | 8/25/2009         |
| 80000204973   | Nick    | Building 2     | VTS 2920, VTS/V1FR, 1550 | WNTN78544 | Li-Ion | 2000           | 1640             | 8/16/2008         |
| 80000205311   | Steve   | Building 2     | VTS 2920, VTS/V1FR, 1550 | WNTN78544 | Li-Ion | 2000           | 1460             | 8/21/2008         |
| 80000206120   | Ben     | None           | Laber                    | HNW0319   | NCL    | 2000           | 1400             | 8/22/2008         |
| 80000202021   | Carol   | Administration | V1/GP/RD Series          | HNW02848  | NM4    | 1650           | 1382             | 8/12/2008         |
| 80000204187   | Phil    | Building 1     | VTS 800038007000         | WNTN4378  | NM4    | 1700           | 1267             | 8/21/2008         |
| 800002048200  | Don     | Building 1     | VTS 800038007000         | HNW0315   | NCL    | 1525           | 1282             | 8/22/2008         |
| 80000203933   | Bill    | Security       | APK                      | WNTN79734 | Li-Ion | 1400           | 2911             | 8/24/2008         |
| 80000203932   | Frank   | Security       | APK                      | WNTN79734 | NM4    | 2100           | 1461             | 8/11/2008         |
| 80000204273   | Mark    | Building 1     | VTS 800038007000         | WNTN4378  | Li-Ion | 1650           | 1604             | 8/18/2008         |
| 80000204288   | Ben     | Maintenance    | 10707880                 | HNW02848  | NCL    | 2100           | 1526             | 8/18/2008         |
| 80000204279   | Mary    | Administration | V1/GP/RD Series          | HNW02848  | NCL    | 1550           | 1100             | 8/19/2009         |
| 80000206294   | Phil    | Building 1     | VTS 800038007000         | WNTN4378  | NM4    | 1700           | 1491             | 8/22/2008         |
| 80000206292   | Tom     | Security       | APK                      | WNTN79734 | Li-Ion | 1400           | 2911             | 8/19/2009         |
| 80000204917   | Walt    | Maintenance    | V1/GP/RD Series          | HNW02848  | NCL    | 1550           | 1100             | 8/3/2009          |
| 800002048211  | Don     | Building 2     | VTS 800038007000         | HNW0315   | NM4    | 2000           | 1500             | 8/8/2007          |
| 80000204819   | Phil    | Administration | 10707880                 | HNW02848  | Li-Ion | 1400           | 949              | 8/12/2008         |
| 80000207433   | Frank   | Building 1     | APK                      | WNTN79734 | NM4    | 2000           | 1380             | 8/20/2008         |
| 80000207912   | Tom     | Security       | 10707880                 | HNW02848  | Li-Ion | 1400           | 960              | 8/12/2007         |
| 80000205353   | Mary    | Maintenance    | APK                      | WNTN79734 | NM4    | 2100           | 1449             | 8/12/2008         |
| 80000207428   | Jeff    | Building 2     | V1/GP/RD Series          | HNW02848  | NM4    | 1800           | 1242             | 8/12/2007         |
| 80000207388   | Steve   | Security       | VTS 800038007000         | WNTN4378  | Li-Ion | 1400           | 1383             | 8/2/2008          |
| 80000207329   | Ben     | Administration | APK                      | WNTN79734 | NM4    | 2100           | 1489             | 8/15/2008         |
| 80000207991   | Mark    | Building 1     | 10707880                 | HNW02848  | Li-Ion | 1500           | 1058             | 8/19/2007         |

IMPRES BATTERY FLEET MANAGEMENT ACTIVE BATTERY REPORT

IMPRES™ Battery Reader

Serial Number: 50000039CAD7  
 KR Number: NNTN4436B  
 Chemistry: NiCd  
 Read Successful

General / Advanced

Present Charge: 685 mAh (Present Charge)  
 42 % of 1647 mAh (Potential Capacity)  
 40 % of 1700 mAh (Rated Capacity)  
 2001 mAh (Initial Capacity)

May 11, 2008: Manufacture Date (Month Day, Year)  
 Jun 30, 2008: Date of First Use (Month Day, Year)  
 10: Days since Last Reconditioning/Calibration  
 4: Days since Removal from IMPRES Charger

223: Total IMPRES Charge Cycles  
 2: Total Estimated Non-IMPRES Charge Cycles  
 13: Total Reconditioning/Calibration Cycles  
 20: Estimated Days Until Next Reconditioning/Calibration

Recommendations: No Recommendations

IMPRES BATTERY DATA READER, GENERAL INFORMATION SCREEN

# MOTOTRBO PORTABLE RADIOS

| COMPATIBILITY | ACCESSORY | FEATURES |
|---------------|-----------|----------|
|---------------|-----------|----------|

**CARRY SOLUTIONS** Carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly. Our carry accessories keep your hands-free, so you can concentrate on the task at hand.

| PORTABLE RADIOS   | CARRY SOLUTIONS   | DESCRIPTION   | PART NUMBER | MATERIAL     | BELT LOOP/CLIP DIMENSION (INCHES) | SWIVEL / FIXED | DISPLAY / NON DISPLAY |
|---|---|---|-------------|--------------|-----------------------------------|----------------|-----------------------|
|  <p><b>XPR 3000 SERIES</b></p>   |    | Nylon Case with 3 inch Fixed Belt Loop (limited keypad model)                 | PMLN5869    | Nylon        | 3                                 | Fixed          | Display               |
|   |    | Hard Leather Carry Case with 2.5 inch Swivel Belt Loop (limited keypad model) | PMLN5867    | Hard Leather | 2.5                               | Swivel         | Display               |
|   |    | Hard Leather Carry Case with 3 inch Swivel Belt Loop (limited keypad model)   | PMLN5865    | Hard Leather | 3                                 | Swivel         | Display               |
|   |    | Hard Leather Carry Case with 3 inch Fixed Belt Loop (limited keypad model)    | PMLN5863    | Hard Leather | 3                                 | Fixed          | Display               |
|   |   | Nylon Case with 3 inch Fixed Belt Loop (non-display model)                    | PMLN5870    | Nylon        | 3                                 | Fixed          | Non Display           |
|   |  | Hard Leather Carry Case with 2.5 inch Swivel Belt Loop (non-display model)    | PMLN5868    | Hard Leather | 2.5                               | Swivel         | Non Display           |
|   |  | Hard Leather Carry Case with 3 inch Swivel Belt Loop (non-display model)      | PMLN5866    | Hard Leather | 3                                 | Swivel         | Non Display           |
|   |  | Hard Leather Carry Case with 3 inch Fixed Belt Loop (non-display model)       | PMLN5864    | Hard Leather | 3                                 | Fixed          | Non Display           |
|  <p><b>XPR 6000 SERIES</b></p> |  | Nylon Carry Case with 3 inch Fixed Belt Loop (display model)                  | PMLN5015    | Nylon        | 3                                 | Fixed          | Display               |
|   |  | Nylon Carry Case with 3 inch Fixed Belt Loop (non-display model)              | PMLN5024    | Nylon        | 3                                 | Fixed          | Non Display           |
|   |  | Hard Leather Carry Case with 2.5 inch Swivel Belt Loop (display model)        | PMLN5019    | Hard Leather | 2.5                               | Swivel         | Display               |

**MATERIAL:** Choose from comfortable and flexible nylon cases, rugged, durable hard leather cases or carry holsters.

**SWIVEL OR FIXED LOOP:** Secure to a belt loop and the case swings freely from side to side. The swivel latch system also allows the radio and case to be removed from the belt loop by simply inverting, lifting it up and out of the belt loop. Fixed loops provide a sturdy attachment to your belt.











| COMPATIBILITY | ACCESSORY | FEATURES |
|---------------|-----------|----------|
|---------------|-----------|----------|

**CARRY SOLUTIONS** Choose from a wide range of nylon cases, leather cases, straps, holsters and clips, all designed to keep your radio protected, yet still easy to access.



















| PORTABLE RADIOS   | CARRY SOLUTIONS   | DESCRIPTION  | PART NUMBER | MATERIAL     | BELT LOOP/CLIP DIMENSION (INCHES) | SWIVEL / FIXED | DISPLAY/ NON DISPLAY |
|---|---|--|-------------|--------------|-----------------------------------|----------------|----------------------|
|  <p><b>XPR 6000 SERIES</b></p>   |    | Hard Leather Carry Case with 3 inch Swivel Belt Loop (display model)       | PMLN5020    | Hard Leather | 3                                 | Swivel         | Display              |
|   |    | Hard Leather Carry Case with 3 inch Fixed Belt Loop (display model)        | PMLN5021    | Hard Leather | 3                                 | Fixed          | Display              |
|   |    | Hard Leather Carry Case with 2.5 inch Swivel Belt Loop (non-display model) | PMLN5028    | Hard Leather | 2.5                               | Swivel         | Non Display          |
|   |    | Hard Leather Carry Case with 3 inch Swivel Belt Loop (non-display model)   | PMLN5029    | Hard Leather | 3                                 | Swivel         | Non Display          |
|   |   | Hard Leather Carry Case with 3 inch Fixed Belt Loop (non-display model)    | PMLN5030    | Hard Leather | 3                                 | Fixed          | Non Display          |
|  <p><b>XPR 7000 SERIES</b></p> |  | Nylon Case with 3 inch Fixed Belt Loop (full keypad model)                 | PMLN5844    | Nylon        | 3                                 | Fixed          | Display              |
|   |  | Hard Leather Case with 2.5 inch Swivel Belt Loop (full keypad model)       | PMLN5842    | Hard Leather | 2.5                               | Swivel         | Display              |
|   |  | Hard Leather Case with 3 inch Swivel Belt Loop (full keypad model)         | PMLN5840    | Hard Leather | 3                                 | Swivel         | Display              |
|   |  | Hard Leather Case with 3 inch Fixed Belt Loop (full keypad model)          | PMLN5838    | Hard Leather | 3                                 | Fixed          | Display              |
|   |  | Nylon Case with 3 inch Fixed Belt Loop (non-display model)                 | PMLN5845    | Nylon        | 3                                 | Fixed          | Non Display          |
|   |  | Hard Leather Case with 2.5 inch Swivel Belt Loop (non-display model)       | PMLN5843    | Hard Leather | 2.5                               | Swivel         | Non Display          |
|   |  | Hard Leather Case with 3 inch Swivel Belt Loop (non-display model)         | PMLN5846    | Hard Leather | 3                                 | Swivel         | Non Display          |
|   |  | Hard Leather Case with 3 inch Fixed Belt Loop (non-display model)          | PMLN5839    | Hard Leather | 3                                 | Fixed          | Non Display          |

# MOTOTRBO PORTABLE RADIOS





| COMPATIBILITY   |   | ACCESSORY  |             |              | FEATURES                          |                |
|---|---|--|-------------|--------------|-----------------------------------|----------------|
| <b>CARRY SOLUTIONS</b>  |   |  |             |              |                                   |                |
| PORTABLE RADIOS   | CARRY SOLUTIONS   | DESCRIPTION  | PART NUMBER | MATERIAL     | BELT LOOP/CLIP DIMENSION (INCHES) | SWIVEL / FIXED |
| <br>XPR 3000 SERIES<br>XPR 7000 SERIES |  | Spring Action 2.5 inch Belt Clip                               | PMLN7008    | Plastic      | 2.5                               |                |
|   |  | Replacement 3 inch Leather Swivel Belt Loop                    | PMLN5611    | Hard Leather | 3                                 | Swivel         |
| <br>XPR 6000 SERIES                    |  | Replacement 2.5 inch Leather Swivel Belt Loop                  | PMLN5022    | Hard Leather | 2.5                               | Swivel         |
|   |  | Replacement 3 inch Leather Swivel Belt Loop                    | PMLN5023    | Hard Leather | 3                                 | Swivel         |
| XPR 3000 SERIES<br><br>XPR 6000 SERIES<br><br>XPR 7000 SERIES   |  | Spring Action 2 inch Belt Clip                                 | PMLN4651    | Plastic      | 2                                 |                |
|   |  | Spring Action 2.5 inch Belt Clip                               | PMLN4652    | Plastic      | 2.5                               |                |
| <br>SL SERIES                          |  | Carry Holder/Holster for SL series radio with Swivel Belt Loop | PMLN5956    | Plastic      |                                   | Swivel         |



| COMPATIBILITY  | ACCESSORY   | FEATURES   |             |          |
|--|---|--|-------------|----------|
| <b>CARRY SOLUTIONS</b>   |   |  |             |          |
| PORTABLE RADIOS  | CARRY SOLUTIONS   | DESCRIPTION  | PART NUMBER | MATERIAL |
| <br>SL SERIES         |    | Nylon Wrist Strap for securely carrying Motorola two-way radios                    | PMLN6074    | Nylon    |
| <br>XPR 3000 SERIES   |    | Waterproof Bag with large strap for securely carrying Motorola two-way radios      | HLN9985     |          |
|  |    | Black Leather Epaulet Strap with clip to secure remote speaker microphone to shirt | RLN4295     | Leather  |
|  |    | 1.75 inch Wide Leather Belt  | 4200865599  | Leather  |
|  |   | Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch        | HLN6602     |          |
|  |  | Break-a-Way Chest Pack with Radio Holder Pen Holder and Velcro Secured Pouch       | RLN4570     |          |
|  |  | Replacement Strap for HLN6602 and RLN4570  | 1505596Z02  |          |
|  |  | Radio Pack Radio Utility Case  | RLN4815     |          |
|  |  | Radio Pack Extension Belt for waists larger than 40 inches                         | 4280384F89  |          |
|  |  | Adjustable Nylon Carrying Strap  | NTN5243     | Nylon    |
| <br>XPR 6000 SERIES |  | Accessory Connector Dust Cover   | 1571477L01  | Plastic  |
| <br>XPR 3000 SERIES |  | Accessory Connector Dust Cover   | 15012157001 | Plastic  |
| <br>XPR 7000 SERIES |  | Accessory Connector Dust Cover   | PMLN6066    | Plastic  |




# MOTOTRBO PORTABLE RADIOS



| COMPATIBILITY   |   | ACCESSORY  |             |                           | FEATURES             |                |             |      |  |
|---|---|--|-------------|---------------------------|----------------------|----------------|-------------|------|--|
| <b>ANTENNAS</b>   |   |  |             |                           |                      |                |             |      |  |
| PORTABLE RADIOS   | ANTENNAS  | DESCRIPTION  | PART NUMBER | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | LENGTH (CM) | TYPE |  |
|  <p><b>XPR 6000 SERIES</b></p> |  | UHF/GPS Combination Folded Monopole Whip Antenna for the 403-433 MHz range | PMAE4018    | UHF                       | 403-433              | ●              | 14          | Whip |  |
|   |   | UHF/GPS Combination Folded Monopole Whip Antenna for the 430-470 MHz range | PMAE4024    | UHF                       | 430-470              | ●              | 14          | Whip |  |
|   |   | UHF/GPS Combination Folded Monopole Whip Antenna for the 450-495 MHz range | PMAE4050    | UHF                       | 450-495              | ●              | 14          | Whip |  |
|   |   | UHF/GPS Combination Folded Monopole Whip Antenna for the 495-527 MHz range | PMAE4051    | UHF                       | 495-527              | ●              | 14          | Whip |  |

**FREQUENCY BAND:** Most antennas only cover a portion of a frequency band. Our wideband UHF and VHF antennas offer coverage across the entire band, enhancing your communication flexibility.









| COMPATIBILITY   |   | ACCESSORY  |             |                           | FEATURES             |                |             |         |  |
|---|---|--|-------------|---------------------------|----------------------|----------------|-------------|---------|--|
| <b>ANTENNAS</b>   |   |  |             |                           |                      |                |             |         |  |
| PORTABLE RADIOS   | ANTENNAS  | DESCRIPTION  | PART NUMBER | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | LENGTH (CM) | TYPE    |  |
|  <p><b>XPR 6000 SERIES</b></p> |  | VHF/GPS Combination Helical Whip Antenna for the 136-147 MHz range | PMAD4067    | VHF                       | 136-147              | ●              | 16          | Helical |  |
|   |   | VHF/GPS Combination Helical Whip Antenna for the 147-160 MHz range | PMAD4068    | VHF                       | 147-160              | ●              | 16          | Helical |  |
|   |   | VHF/GPS Combination Helical Whip Antenna for the 160-174 MHz range | PMAD4069    | VHF                       | 160-174              | ●              | 16          | Helical |  |
|   |  | GPS/800/900 MHz Combination Helical Antenna                        | PMAF4003    | 800/900 MHz               | 806-941              | ●              | 18          | Helical |  |

**INTEGRATED GPS:** A GPS antenna is integrated into the RF antenna. (The XPR 3000 series radios do not have GPS capability, but use these antennas.)







# MOTOTRBO PORTABLE RADIOS

| COMPATIBILITY | ACCESSORY | FEATURES |
|---------------|-----------|----------|
|---------------|-----------|----------|



















**ANTENNAS** Get the best possible reception wherever you operate. New stubby antennas for the XPR 7000 and XPR 3000 series radios offer superior performance over XPR 6000 Series stubby antennas.

| PORTABLE RADIOS  | ANTENNAS   | DESCRIPTION   | PART NUMBER                                  | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | LENGTH (CM) | TYPE    |        |
|--|--|---|--|---------------------------|----------------------|----------------|-------------|---------|--------|
|  <p>XPR 6000 SERIES</p>   |   | UHF Wideband Flexible Whip Antenna for the 403-470 MHz range                        | PMAE4022                                     | UHF                       | 403-470              |                | 16          | Whip    |        |
|  |  | UHF Wideband Flexible Whip Antenna for the 450-512 MHz range                        | PMAE4049                                     | UHF                       | 450-512              |                | 16          | Whip    |        |
|  |  | VHF Wideband Flexible Whip Antenna for the 136-174 MHz range                        | PMAD4124                                     | VHF                       | 136-174              |                | 21          | Whip    |        |
|  |   | UHF/GPS Combination Stubby Antenna for the 403-433 MHz range                        | PMAE4021                                     | UHF                       | 403-433              | ●              | 9           | Stubby  |        |
|  |  | UHF/GPS Combination stubby antenna for the 430-470 MHz range                        | PMAE4023                                     | UHF                       | 430-470              | ●              | 9           | Stubby  |        |
|  |  | UHF/GPS Combination Stubby Antenna for the 450-512 MHz range                        | PMAE4048                                     | UHF                       | 450-512              | ●              | 9           | Stubby  |        |
|  |  |  | VHF Stubby Antenna for the 136-147 MHz range | PMAD4093                  | VHF                  | 136-147        |             | 11      | Stubby |
|  |  |   | VHF Stubby Antenna for the 147-160 MHz range | PMAD4094                  | VHF                  | 147-160        |             | 11      | Stubby |
|  |  |   | VHF Stubby Antenna for the 160-174 MHz range | PMAD4095                  | VHF                  | 160-174        |             | 11      | Stubby |
|  <p>XPR 3000 SERIES</p><br> <p>XPR 7000 SERIES</p> | <br> | UHF/GPS Combination Wideband Slim Whip Antenna (403-527 MHz)                        | PMAE4079                                     | UHF                       | 403-527              | ●              | 15          | Whip    |        |
|  |  | VHF/GPS Combination Helical Antenna (136-155 MHz)                                   | PMAD4117                                     | VHF                       | 136-155              | ●              | 15          | Helical |        |
|  |  | VHF/GPS Combination Helical Antenna (144-165 MHz)                                   | PMAD4116                                     | VHF                       | 144-165              | ●              | 15          | Helical |        |
|  |  | VHF/GPS Combination Helical Antenna (152-174 MHz)                                   | PMAD4118                                     | VHF                       | 152-174              | ●              | 15          | Helical |        |



| COMPATIBILITY  |   | ACCESSORY  |             |                           | FEATURES             |                |             |        |  |
|--|---|--|-------------|---------------------------|----------------------|----------------|-------------|--------|--|
| ANTENNAS   |   |  |             |                           |                      |                |             |        |  |
| PORTABLE RADIOS  | ANTENNAS  | DESCRIPTION                                      | PART NUMBER | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | LENGTH (CM) | TYPE   |  |
| <br>XPR 3000 SERIES |  | UHF/GPS Combination Stubby Antenna (403-450 MHz) | PMAE4069    | UHF                       | 403-450              | ●              | 11          | Stubby |  |
|  |   | UHF/GPS Combination Stubby Antenna (440-490 MHz) | PMAE4070    | UHF                       | 440-490              | ●              | 11          | Stubby |  |
|  |   | UHF/GPS Combination Stubby Antenna (470-527 MHz) | PMAE4071    | UHF                       | 470-512              | ●              | 11          | Stubby |  |
| <br>XPR 7000 SERIES |  | VHF/GPS Combination Stubby Antenna (136-148 MHz) | PMAD4119    | VHF                       | 136-148              | ●              | 9           | Stubby |  |
|  |   | VHF/GPS Combination Stubby Antenna (146-160 MHz) | PMAD4120    | VHF                       | 146-160              | ●              | 9           | Stubby |  |
| <br>SL SERIES       |  | UHF Antenna Kit for the 403-425 MHz range        | PMAE4078    | UHF                       | 403-425              |                | 3.4         | Stubby |  |
|  |   | UHF Antenna Kit for the 420-445 MHz range        | PMAE4076    | UHF                       | 420-445              |                | 3.4         | Stubby |  |
|  |   | UHF Antenna Kit for the 438-470 MHz range        | PMAE4077    | UHF                       | 438-470              |                | 3.4         | Stubby |  |

# MOTOTRBO PORTABLE RADIOS

| COMPATIBILITY   |  | ACCESSORY   |  |               |
|---|--|---|--|---------------|
| ANTENNA ACCESSORIES   |  |   |  |               |
| PORTABLE RADIOS   | ANTENNA ACCESSORIES  | DESCRIPTION   | PART NUMBER  |               |
|  <p>SL SERIES</p>  |   | Antenna Mounting Kit with 10 screws and plugs                                       | PMLN6040   |               |
|   |  <p>XPR 3000 SERIES</p><br> <p>XPR 7000 SERIES</p> |    | Gray Antenna ID Bands (pack of 10pcs)                | 32012144001   |
|    |  | Yellow Antenna ID Bands (pack of 10pcs)   | 32012144002  |               |
|    |  | Green Antenna ID Bands (pack of 10pcs)  | 32012144003  |               |
|    |  | Blue Antenna ID Bands (pack of 10pcs)   | 32012144004  |               |
|    |  | Purple Antenna ID Bands (pack of 10pcs)   | 32012144005  |               |
| PROGRAMMING CABLES  |  |   |  |               |
|  <p>XPR 3000 SERIES</p>  |   | Portable Programming Cable (USB) for XPR 3000 series                                | PMKN4115   |               |
|   |  | Programming, Test, and Alignment Cable for XPR 3000 series                          | PMKN4117   |               |
|  <p>XPR 6000 SERIES</p>  <p>XPR 7000 SERIES</p> |   | Portable Programming Cable (USB) for XPR 6000/7000 series                           | PMKN4012B  |               |
|   |  | Programming, Test, and Alignment Cable for XPR 6000/7000 series                     | PMKN4013   |               |
|   |   | Portable Telemetry Cable  | PMKN4040   |               |
|   |   | Portable to RS232 DB25M Connector Cable   | PMKN4071   |               |
|   |  <p>SL SERIES</p>   |  | Portable Programming Cable (micro USB) for SL series | 25-124330-01R |

# MOTOTRBO MOBILE RADIOS



**XPR 4000 SERIES**

## **INTEGRATED VOICE AND DATA ON THE GO XPR 4000 SERIES**

**HANDS-FREE ACCESSORIES:** Handling dispatch for a delivery company or hauling freight across the country, accessories must meet challenging installation and operational requirements. XPR 4000 series mobile accessories are specifically designed for hassle-free communication in a vehicle, for dispatch-enabled communication, and for easy installation.










**XPR 5000 SERIES**

## **UNRIVALED VOICE AND DATA ON THE GO XPR 5000 SERIES**

**EXPANDED ACCESSORY PORTFOLIO:** The XPR 5000 series shares the same connector as the XPR 4000 series accessories enabling easy migration. This portfolio is enhanced with integrated Bluetooth®, giving more flexibility than ever before. Now your drivers can check on packages or walk around the loading dock and stay connected within 30 feet of their radio. A new IMPRES keypad microphone features a four-way navigation button that makes accessing critical features on the large color display, dialing phone numbers and sending text messages easy.

# MOTOTRBO MOBILE RADIOS

| COMPATIBILITY  | ACCESSORY   |   |             | FEATURES                |        |
|--|---|---|-------------|-------------------------|--------|
| <p><b>MICROPHONES</b> Keypad microphones let you easily navigate menus on your XPR 4550 or XPR 5550, dial phone numbers and send text messages. The heavy-duty microphone is easy to use while wearing gloves and the telephone-style handset enables more discreet communication.</p> |   |   |             |                         |        |
| MOBILE RADIOS  | MICROPHONES   | DESCRIPTION   | PART NUMBER | MICROPHONE STYLE        | IMPRES |
| XPR 4000 SERIES  |    | IMPRES Keypad Microphone                              | RMN5065     | Keypad                  | ●      |
| XPR 5000 SERIES  |    | IMPRES Keypad Microphone with 4-way navigation button | RMN5127     | Keypad + Navigation     | ●      |
| XPR 4000 SERIES  |    | Standard Compact Microphone                           | RMN5052     | Compact                 |        |
|  |    | IMPRES Heavy-Duty Microphone                          | RMN5053     | Heavy-Duty              | ●      |
|  |   | IMPRES Telephone Style Handset                        | HMN4098     | Telephone Style Handset | ●      |
| XPR 5000 SERIES  |  | IMPRES Visor Microphone                               | RMN5054     | Visor                   | ●      |
|  |  | Desktop Microphone                                    | RMN5050     | Desktop                 |        |

| COMPATIBILITY                        | ACCESSORY   |   |             |
|--------------------------------------|---|---|-------------|
| <b>MOBILE MICROPHONE ACCESSORIES</b> |   |   |             |
| MOBILE RADIOS                        | MICROPHONE ACCESSORIES  | DESCRIPTION                               | PART NUMBER |
| XPR 4000 SERIES                      |  | Microphone Hang-Up Clip                   | HLN9073     |
|                                      |  | Universal Microphone Hang-Up Clip         | HLN9414     |
| XPR 5000 SERIES                      |  | 10-Foot Mobile Microphone Extension Cable | PMKN4033    |
|                                      |   | 20-Foot Mobile Microphone Extension Cable | PMKN4034    |


















## HOW CAN I COMMUNICATE SAFELY IN MY VEHICLE?

The IMPRES Visor Microphone mounts to your vehicle's visor for safe, convenient communication. Press the external push-to-talk button on the steering wheel to converse without taking your hands off the wheel or your eyes off the road. IMPRES Audio compensates for the distance of the visor mic from your mouth so that your radio communications are loud and clear.

| COMPATIBILITY  |   | ACCESSORY  |                |
|--|---|--|----------------|
| <p><b>EXTERNAL PUSH-TO-TALK (PTT)</b> Activate the PTT or emergency footswitch without having to use the mobile microphone. A simple pushbutton PTT can be held in the hand or mounted in your vehicle for easy access, while the emergency footswitch lets you discreetly activate emergency hands-free when a critical situation arises.</p> |   |  |                |
| MOBILE RADIOS  | MICROPHONE ACCESSORIES  | DESCRIPTION  | PART NUMBER    |
|  <p>XPR 4000 SERIES</p>  <p>XPR 5000 SERIES</p>  |  | <p>Pushbutton push-to-talk to interface with your visor microphone</p> | <p>RLN5926</p> |
|  |  | <p>Emergency Footswitch can be used with a visor microphone</p>        | <p>RLN5929</p> |

# MOTOTRBO MOBILE RADIOS



| COMPATIBILITY   | ACCESSORY   | FEATURES  |             |                               |                                 |
|---|---|---|-------------|-------------------------------|---------------------------------|
| <p><b>OPERATIONS CRITICAL WIRELESS BLUETOOTH® ACCESSORIES</b> This portfolio is a game changer for your business as you have the flexibility to leave your truck or walk away from your desk and still remain connected to your radio up to 30 feet away.</p> |   |   |             |                               |                                 |
| MOBILE RADIOS   | OPERATIONS CRITICAL WIRELESS  | DESCRIPTION   | PART NUMBER | EARPIECE TYPE                 | MICROPHONE                      |
|  <p><b>XPR 5000 SERIES</b></p>   |  | Operations Critical Wireless Earpiece with 12 inch cable  | NNTN8125    | Over-the-ear tube (CommPort™) | Directional, above the earpiece |
|   |  | Operations Critical Wireless Earpiece with 9.5 inch cable | NNTN8126    | Over-the-ear tube (CommPort™) | Directional, above the earpiece |
|   |  | Operations Critical Wireless Earbud with 11.5 inch cable  | NNTN8294    | Earbud                        | In-line                         |
|   |  | Operations Critical Wireless Earbud with 45 inch cable    | NNTN8295    | Earbud                        | In-line                         |
|   |  | Operations Critical Wireless push-to-talk pod             | NNTN8127    | N/A                           | N/A                             |
|   |  | HK200 Bluetooth Wireless Earpiece                         | 89409N      | Standard Bluetooth Earpiece   | Standard Bluetooth Earpiece Mic |

Note: XPR 5000 series mobile radios have Bluetooth embedded in the radio.

**EARPIECE TYPE:** Choose the right fit for your operations – a simple, low cost, discreet earbud or the rugged, high performance CommPort™ style earpiece.










## HOW DO MOBILE WIRELESS ACCESSORIES HELP ME?










Use your mobile radio like never before and freely move around your vehicle. This means a driver can sort through packages on the back of the delivery truck, a bus driver can check on students in the back of the bus, or a city worker can trim trees from a cherry picker and all can still remain connected to their mobile radio. And by removing the wired connection to a desktop mobile, a dispatcher can walk around the office and manage calls.

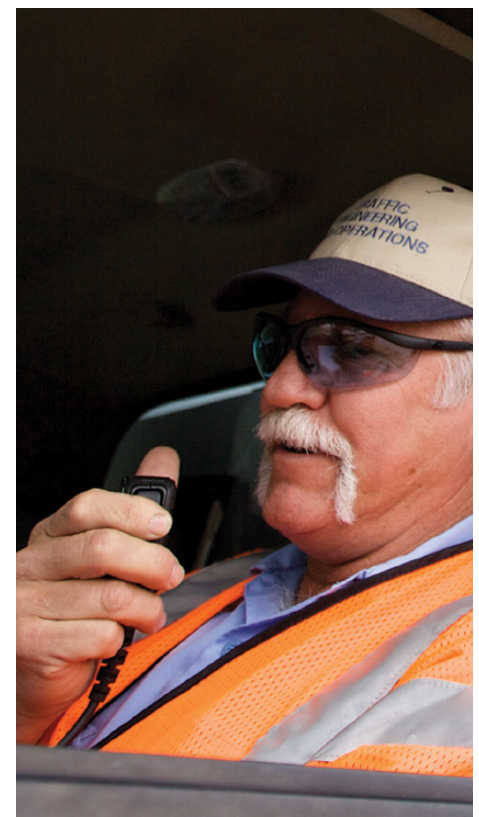
| PTT                       | TALK TIME (HOURS) 5/5/90 DUTY CYCLE | CHARGE TIME (HOURS) | DIMENSIONS (MM) | WEIGHT (GRAMS) | PAIRING TYPE | IP RATING |
|---------------------------|-------------------------------------|---------------------|-----------------|----------------|--------------|-----------|
| On PTT pod                | 10                                  | 3                   | 70 x 41 x 25    | 43             | Standard     | IP54      |
| On PTT pod                | 10                                  | 3                   | 70 x 41 x 25    | 43             | Standard     | IP54      |
| Requires separate PTT pod | 10 with PTT pod                     |                     |                 |                | Standard     | IP54      |
| Requires separate PTT pod | 10 with PTT pod                     |                     |                 |                | Standard     | IP54      |
| On PTT pod                | 10                                  | 3                   | 70 x 41 x 25    | 43             | Standard     | IP54      |
| On radio                  | 8                                   |                     | 44 x 19 x 12.5  | 9              | Standard     |           |

**MICROPHONE:** The in-line microphone on the earbud earpiece is great for general use, while the directional microphone on the CommPort™ style earpiece is ideal for lower noise environments.

# MOTOTRBO MOBILE RADIOS

| COMPATIBILITY   |   | ACCESSORY  | FEATURES    |                               |                                 |     |
|---|---|--|-------------|-------------------------------|---------------------------------|-----|
| <b>WIRELESS REPLACEMENT PARTS</b>   |   |  |             |                               |                                 |     |
| MOBILE RADIOS   | WIRELESS REPLACEMENT PARTS  | DESCRIPTION  | PART NUMBER | EARPIECE TYPE                 | MICROPHONE                      | PTT |
|  <p><b>XPR 5000 SERIES</b></p> |    | Mission Critical/Operations Critical Replacement Wireless Earpiece with 12 inch cable                          | NTN2572     | Over-the-ear tube (CommPort™) | Directional, above the earpiece | N/A |
|   |    | Mission Critical/Operations Critical Replacement Wireless Earpiece with 9.5 inch cable                         | NTN2575     | Over-the-ear tube (CommPort™) | Directional, above the earpiece | N/A |
|   |    | Wireless Earpiece Maintenance Kit with 10 silicone ear tubes, 10 microphone seal strips and 2 foam windscreens | NTN8821     | N/A                           | N/A                             | N/A |
|   |    | Ear strap for comport earpiece (pack of 10)  | NTN8988     | N/A                           | N/A                             | N/A |
|   |    | Eartube for comport earpiece (pack of 10)  | RLN5037     | N/A                           | N/A                             | N/A |
|   |    | Replacement ear tips for wireless earbuds (20 small, 20 medium, 20 larger and 10 clips)                        | NNTN8316    | Earbud                        | N/A                             | N/A |
|   |   | Replacement or spare micro-USB plug-in charger (US plug) for wireless pod                                      | SPN5334     | N/A                           | N/A                             | N/A |
|   |  | Swivel clip for Operations Critical Wireless pod and Enhanced Operations Critical Wireless pod                 | PMLN6246A   |                               |                                 |     |

| COMPATIBILITY  |   | ACCESSORY   | FEATURES    |  |  |  |
|--|---|---|-------------|--|--|--|
| <b>CONTROL STATION ACCESSORIES</b> Quickly and conveniently convert your radio into a base station. Ideal for transportation, manufacturing and public service operations that have dispatch requirements.                             |   |   |             |  |  |  |
| MOBILE RADIOS  | CONTROL STATION ACCESSORIES   | DESCRIPTION   | PART NUMBER |  |  |  |
|  <p><b>XPR 4000 SERIES</b></p><br> <p><b>XPR 5000 SERIES</b></p> |  | Desktop Tray with speaker   | RSN4005     |  |  |  |
|  |  | Desktop Tray without speaker  | GLN7318     |  |  |  |
|  |  | Adapter Cable for Control Station   | HKN9088     |  |  |  |
|  |  | Power Supply, 25-60W, 1-60W cord included   | HPN4007     |  |  |  |
|  |  | Switchmode Power Supply, 1-25W radios only with provision for back-up battery hook-up | GPN6145     |  |  |  |
|  |  | Power Supply Cable for GPN6145  | GKN6266     |  |  |  |
|  |   | US Line cord for GPN6145  | 3060665A04  |  |  |  |
|  |  | mini-UHF to PL259 antenna adapter cable   | HKN9557     |  |  |  |




**COMPATIBILITY**      **ACCESSORY**

**INSTALLATION AND MOUNTING ACCESSORIES** Mount your radio in your vehicle without compromising safety. Trunnion kits give you the flexibility to mount the radio under your dash, in your dash, between the seats or on the floor. Remote mount kits allow the radio be mounted in the trunk when dash space is limited.

| MOBILE RADIOS  | INSTALLATION AND MOUNTING ACCESSORIES   | DESCRIPTION  | PART NUMBER |
|--|---|--|-------------|
| <br>XPR 4000 SERIES   |    | Low Profile Trunnion Kit keeps radio tucked up under dash  | RLN6077     |
| <br>XPR 5000 SERIES   |    | Low Profile Trunnion Kit keeps radio tucked up under dash  | RLN6466     |
| <br>XPR 4000 SERIES   |    | High Profile Trunnion Kit with under dash or floor mount   | RLN6078     |
| <br>XPR 5000 SERIES   |    | High Profile Trunnion Kit with under dash or floor mount   | RLN6467     |
| <br>XPR 4000 SERIES |  | Key Lock Trunnion Kit provides extra protection from theft | RLN6079     |
| <br>XPR 5000 SERIES |  | Key Lock Trunnion Kit provides extra protection from theft | RLN6468     |
| <br>XPR 4000 SERIES |  | Direct In Dashboard Mounting Kit                           | RLN5933     |
| <br>XPR 5000 SERIES |  | Direct In Dashboard Mounting Kit                           | RLN6465     |
| <br>XPR 4000 SERIES |  | MOTOTRBO Mobile Remote Mount Adapter Kit                   | PMLN5404    |

**COMPATIBILITY**      **ACCESSORY**





**ANTENNA ACCESSORIES**

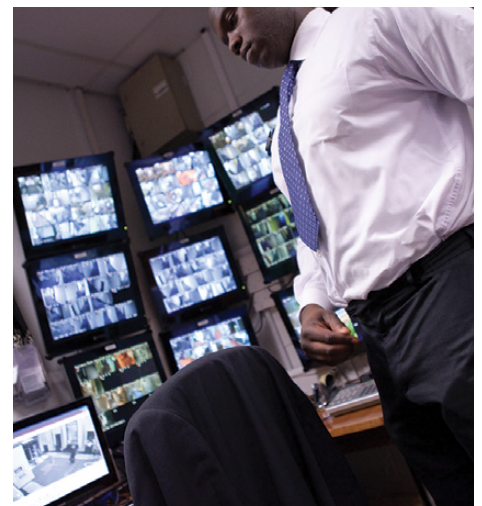
| MOBILE RADIOS   | ANTENNA ACCESSORIES   | DESCRIPTION                                 | PART NUMBER |
|-----------------|---|---|-------------|
| XPR 4000 SERIES |  | Mobile Mini-U Antenna Adapter, 8-foot cable | HKN9088     |
| XPR 5000 SERIES |  | PL259/Mini-U Antenna Adapter, 8-foot cable  | HKN9557     |















# MOTOTRBO MOBILE RADIOS



| COMPATIBILITY  |   | ACCESSORY             |             |
|--|---|-----------------------|-------------|
| <p><b>EXTERNAL SPEAKERS</b> Boost audio at your control station on your desk or in your vehicle with external speakers. Different watt speakers can be customized to your environment.</p> |   |                       |             |
| MOBILE RADIOS  | EXTERNAL SPEAKERS   | DESCRIPTION           | PART NUMBER |
|  <p>XPR 4000 SERIES</p>   |  | 13W External Speaker  | RSN4002     |
|  |   | 7.5W External Speaker | RSN4003     |
|  <p>XPR 5000 SERIES</p>   |  | 5W External Speaker   | RSN4004     |



| COMPATIBILITY   |   | ACCESSORY   |  |          |
|---|---|---|--|----------|
| CABLES  |   |   |  |          |
| MOBILE RADIOS   | CABLES  | DESCRIPTION   | PART NUMBER  |          |
|  <p><b>XPR 4000<br/>SERIES</b></p>   |                                      | Mobile Remote Mount 5-Meter Cable Kit   | PMKN4073   |          |
|   |   | Mobile Remote Mount 3-Meter Cable Kit   | PMKN4074   |          |
|  <p><b>XPR 4000<br/>SERIES</b></p> |                                     | Power Cable to Battery, 10 foot, 20 amp for 1 to 60W radios, 12 AWG                 | HKN4191  |          |
|   |   | Power Cable to Battery, 20 foot, 20 amp for 1 to 60W radios, 10 AWG                 | HKN4192  |          |
|   |   | Power Cable to Battery, 10 foot, 15 amp for 1 to 25W radios, 14 AWG                 | HKN4137  |          |
|   |  <p><b>XPR 5000<br/>SERIES</b></p> |  | Ignition Sense Cable   | RKN4136  |
|   |   |  | Mobile and Repeater Rear Accessory Programming Cable           | PMKN4010 |
|   |  <p><b>XPR 5000<br/>SERIES</b></p> |  | Mobile and Repeater Rear Programming, Test and Alignment Cable | PMKN4016 |
|                                    |   | Mobile Rear Accessory Connector Universal Cable                                     | PMKN4018   |          |
|                                    |   | Mobile Front Programming Cable  | HKN6184  |          |
|   |                                    | Hardware Kit for Rear Accessory Connector   | PMLN5072   |          |









# MOTOTRBO MOBILE RADIOS

| COMPATIBILITY | ACCESSORY | FEATURES |
|---------------|-----------|----------|
|---------------|-----------|----------|


**ANTENNAS** A variety of antennas ensure the best possible reception wherever you operate. Choose from antennas with integrated GPS to standalone RF antennas.

| MOBILE RADIOS | UHF ANTENNAS | DESCRIPTION | PART NUMBER | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | MOUNTING STYLE |
|---------------|--------------|-------------|-------------|---------------------------|----------------------|----------------|----------------|
|---------------|--------------|-------------|-------------|---------------------------|----------------------|----------------|----------------|

## COMBINATION GPS/UHF ANTENNAS

|   |  |   |   |  |         |              |              |              |
|---|--|---|---|--|---------|--------------|--------------|--------------|
|  <p><b>XPR 4000 SERIES</b></p>  <p><b>XPR 5000 SERIES</b></p> |   | GPS/UHF Combination 1/4 Wave Antenna for the 403-430 MHz range                      | PMAE4030  | UHF  | 403-430 | ●            | Through-hole |              |
|   |  | GPS/UHF Combination 1/4 Wave Antenna for the 450-470 MHz range                      | PMAE4031  | UHF  | 450-470 | ●            | Through-hole |              |
|   |  | GPS/UHF Combination Antenna for the 406-420 MHz range, 3.5 dB Gain                  | PMAE4032  | UHF  | 406-420 | ●            | Through-hole |              |
|   |  | GPS/UHF Combination Antenna for the 450-470 MHz range, 3.5 dB Gain                  | PMAE4033  | UHF  | 450-470 | ●            | Through-hole |              |
|   |  | GPS/UHF Combination Antenna for the 450-470 MHz range, 5 dB Gain                    | PMAE4034  | UHF  | 450-470 | ●            | Through-hole |              |
|   |  |  | GPS/UHF Combination Antenna for the 403-527 MHz range, 2 dB Gain                    | HAE6019  | UHF     | 403-527      | ●            | Through-hole |
|   |  |   |  | GPS/UHF Combination 1/4 Wave Antenna for the 470-527 MHz range | HAE6020 | UHF          | 470-527      | ●            |
| GPS/UHF Combination Through-Hole Mount Antenna for 470-494 MHz, 3.5 dB Gain   | HAE6024  | UHF   |   | 470-494  | ●       | Through-hole |              |              |
| GPS/UHF Combination Through-Hole Mount Antenna, 494-512 MHz, 3 dB Gain  | HAE6026  | UHF   |   | 494-512  | ●       | Through-hole |              |              |

## UHF ANTENNAS (RF ONLY)

|   |   |   |         |     |         |  |              |
|---|---|---|---------|-----|---------|--|--------------|
| <p><b>XPR 4000 SERIES</b></p> <p><b>XPR 5000 SERIES</b></p> |  | UHF Wide Area Through-Hole Mount Antenna for the 406-420 MHz range, 3.5 dB Gain | HAE4010 | UHF | 406-420 |  | Through-hole |
|   |   | UHF Wide Area Through-Hole Mount Antenna for the 450-470 MHz range, 3.5 dB Gain | HAE4011 | UHF | 450-470 |  | Through-hole |
|   |   | UHF Wide Area Through-Hole Mount Antenna for the 470-494 MHz range, 3.5 dB Gain | HAE4012 | UHF | 470-494 |  | Through-hole |













**FREQUENCY BAND:** Most antennas only cover a portion of a frequency band. Our wideband UHF and VHF antennas offer coverage across the entire band, enhancing your communication flexibility.

**INTEGRATED GPS:** To support GPS capability in the radio, the GPS antenna is integrated into the RF antenna.



| COMPATIBILITY   |   | ACCESSORY   |   |                           | FEATURES             |                |                |              |  |
|---|---|---|---|---------------------------|----------------------|----------------|----------------|--------------|--|
| ANTENNAS  |   |   |   |                           |                      |                |                |              |  |
| MOBILE RADIOS   | UHF / VHF / GPS ANTENNAS  | DESCRIPTION   | PART NUMBER   | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | MOUNTING STYLE |              |  |
| <b>UHF ANTENNAS (RF ONLY)</b>   |   |   |   |                           |                      |                |                |              |  |
|  <p><b>XPR 4000 SERIES</b></p>  <p><b>XPR 5000 SERIES</b></p>    |    | UHF Wide Area Through-hole Mount Antenna for the 403-527 MHz range<br>2dB Gain.     | HAE6022   | UHF                       | 403-527              |                | Through-hole   |              |  |
|   |   | UHF Wide Area Through-Hole Mount Antenna for the 494-512 MHz range,<br>3.5 dB Gain  | HAE4013   | UHF                       | 494-512              |                | Through-hole   |              |  |
|   |   | UHF Wide Area Through-Hole Mount Antenna for the 445-470 MHz range,<br>5 dB Gain    | RAE4004ARB  | UHF                       | 445-470              |                | Through-hole   |              |  |
|   |   |  | UHF Urban Through-Hole Mount 1/4 Wave Antenna for the 403-430 MHz range | HAE4002                   | UHF                  | 403-430        |                | Through-hole |  |
|   |   |   | UHF Urban Through-Hole Mount 1/4 Wave Antenna for the 450-470 MHz range | HAE4003                   | UHF                  | 450-470        |                | Through-hole |  |
|   |   |   | UHF Urban Through-Hole Mount 1/4 Wave Antenna for the 470-512 MHz range | HAE4004                   | UHF                  | 470-512        |                | Through-hole |  |
|   |   | <b>COMBINATION GPS/VHF ANTENNAS</b>   |   |                           |                      |                |                |              |  |
|  <p><b>XPR 4000 SERIES</b></p>  <p><b>XPR 5000 SERIES</b></p> |  | GPS/VHF Combination Through-Hole Mount 1/4 wave Antenna for the 136-144 MHz range   | RAD4214   | VHF                       | 136-144              | ●              | Through-hole   |              |  |
|   |   | GPS/VHF Combination Through-Hole Mount 1/4 wave Antenna for the 146-150.8 MHz range | RAD4215   | VHF                       | 146-150.8            | ●              | Through-hole   |              |  |
|   |   | GPS/VHF Through-Hole Mount 1/4 wave Antenna for the 150.8-162 MHz range             | RAD4216   | VHF                       | 150.8-162            | ●              | Through-hole   |              |  |
|   |   | GPS/VHF Through-Hole Mount 1/4 wave Antenna for the 162-174 MHz range               | RAD4217   | VHF                       | 162-174              | ●              | Through-hole   |              |  |
|   |   | GPS/VHF Through-Hole Mount Antenna for the 146-172 MHz range, 3 dB Gain             | RAD4218   | VHF                       | 146-172              | ●              | Through-hole   |              |  |

# MOTOTRBO MOBILE RADIOS



| COMPATIBILITY   |   | ACCESSORY   |             |                           | FEATURES             |                |                |  |
|---|---|---|-------------|---------------------------|----------------------|----------------|----------------|--|
| ANTENNAS  |   |   |             |                           |                      |                |                |  |
| MOBILE RADIOS   | VHF / GPS ANTENNAS  | DESCRIPTION   | PART NUMBER | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | MOUNTING STYLE |  |
| <b>VHF ANTENNAS (RF ONLY)</b>   |   |   |             |                           |                      |                |                |  |
|  <p><b>XPR 4000 SERIES</b></p>  <p><b>XPR 5000 SERIES</b></p>   |    | VHF Urban Through-Hole Mount 1/4 Wave Antenna for the 136-144 MHz range     | HAD4006     | VHF                       | 136-144              |                | Through-hole   |  |
|   |    | VHF Urban Through-Hole Mount 1/4 Wave Antenna for the 146-150.8 MHz range   | HAD4007     | VHF                       | 146-150.8            |                | Through-hole   |  |
|   |    | VHF Urban Through-Hole Mount 1/4 Wave Antenna for the 150.8-162 MHz range   | HAD4008     | VHF                       | 150.8-162            |                | Through-hole   |  |
|   |  | VHF Urban Through-Hole Mount 1/4 Wave Antenna for the 162-174 MHz range     | HAD4009     | VHF                       | 162-174              |                | Through-hole   |  |
|   |  | VHF Wide Area Through-Hole Mount Antenna for the 132-174 MHz range 3dB Gain | HAD4022     | VHF                       | 132-174              |                | Through-hole   |  |
| <b>STANDALONE GPS ANTENNAS</b>  |   |   |             |                           |                      |                |                |  |
|  <p><b>XPR 4000 SERIES</b></p>  <p><b>XPR 5000 SERIES</b></p> |  | Fixed Mount GPS Active Antenna  | PMAN4000    | N/A                       | N/A                  | ●              | Fixed          |  |
|   |  | Glass Mount GPS Active Antenna  | PMAN4001    | N/A                       | N/A                  | ●              | Glass          |  |
|   |  | Magnetic Mount GPS Active Antenna   | PMAN4002    | N/A                       | N/A                  | ●              | Magnetic       |  |

| COMPATIBILITY | ACCESSORY | FEATURES |  |  |  |  |  |
|---------------|-----------|----------|--|--|--|--|--|
|---------------|-----------|----------|--|--|--|--|--|






### ANTENNAS

| MOBILE RADIOS | 800/900 VHF ANTENNAS | DESCRIPTION | PART NUMBER | UHF / VHF / (800/900 MHz) | FREQUENCY BAND (MHz) | INTEGRATED GPS | MOUNTING STYLE |
|---------------|----------------------|-------------|-------------|---------------------------|----------------------|----------------|----------------|
|---------------|----------------------|-------------|-------------|---------------------------|----------------------|----------------|----------------|

### COMBINATION GPS/800/900 ANTENNAS

|   |   |   |         |         |         |   |              |
|---|---|---|---------|---------|---------|---|--------------|
|  <p><b>XPR 4000 SERIES</b></p> |  | GPS/800/900 MHz 1/4 Wave Through-Hole Mount Combination Antenna for the 806-941 MHz range   | HAF4029 | 800/900 | 806-941 | ● | Through-hole |
|   |   | GPS/800/900 MHz Through-Hole Mount Combination Antenna for the 806-941 MHz range, 3 dB Gain | HAF4030 | 800/900 | 806-941 | ● | Through-hole |
|   |   | GPS/800/900 MHz Stubby Antenna for the 806-941 MHz range                                    | HAF4032 | 800/900 | 806-941 | ● | Through-hole |
|   |   | GPS/800/900 MHz Through-Hole Mount Antenna for the 806-941 MHz range, 5 dB Gain             | HAF4033 | 800/900 | 806-941 | ● | Through-hole |



### 800/900 VHF ANTENNAS (RF ONLY)

|   |   |  |         |         |         |  |              |
|---|---|--|---------|---------|---------|--|--------------|
|  <p><b>XPR 4000 SERIES</b></p> |    | Wide Area Through-Hole Mount Stubby Antenna for the 806-941 MHz range, 3 dB Gain | HAF4013 | 800/900 | 806-941 |  | Through-hole |
|   |   | Urban Through-Hole Mount 1/4 Wave Antenna for the 806-941 MHz range              | HAF4025 | 800/900 | 806-941 |  | Through-hole |
|   |  | Wide Area Through-Hole Mount Antenna for the 806-941 MHz range, 3 dB Gain        | HAF4026 | 800/900 | 806-941 |  | Through-hole |
|   |  | Wide Area Through-Hole Mount Antenna for the 806-941 MHz range, 5 dB Gain        | HAF4027 | 800/900 | 806-941 |  | Through-hole |

| COMPATIBILITY | ACCESSORY |  |  |
|---------------|-----------|--|--|
|---------------|-----------|--|--|

### ANTENNA ACCESSORIES

| MOBILE RADIOS | ANTENNA ACCESSORIES | DESCRIPTION | PART NUMBER |
|---------------|---------------------|-------------|-------------|
|---------------|---------------------|-------------|-------------|

|   |   |   |         |
|---|---|---|---------|
| <p><b>XPR 4000 SERIES</b></p> <p><b>XPR 5000 SERIES</b></p> |  | Mobile Mini-U Antenna Adapter, 8-foot cable | HKN9088 |
|   |  | PL259/Mini-U Antenna Adapter, 8-foot cable  | HKN9557 |





For more information on Motorola accessories,  
visit [motorolasolutions.com/motrbo](http://motorolasolutions.com/motrbo).

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DIGITAL REMASTERED.

