MOTOTRBO™
OPERATIONS
CRITICAL WIRELESS
ACCESSORIES

UNLEASH THE POWER OF YOUR RADIO WITH BLUETOOTH® ACCESSORIES
LONG RANGE WIRELESS SOLUTIONS

Designed for customers who depend on their high power mobile radio for system connection but must work outside of their vehicle. The Long Range Wireless solution allows you to maintain critical communications even on remote job site.

ENHANCED REMOTE OPERATIONS

KEEP IN TOUCH EVEN ON REMOTE JOB SITES

SITUATION
Keep in touch even on remote job sites when you depend on your high power mobile radio but have to work outside your vehicle. You are a utility worker and need to check the meter readings. You have to park your truck about 100 meters away from the utility box due to access restrictions, yet you stay connected to your radio with your Long Range Wireless Remote Speaker Microphone. You communicate key readings immediately to dispatch. Get your job done safely and more efficiently.

SOLUTION
The Long Range Wireless Remote Speaker Microphone (RSM) pairs instantly with touch pairing to the mobile microphone with Bluetooth gateway. The Bluetooth microphone is compatible with MOTOTRBO XPR 4000 and XPR 5000 series mobile radios. The Long Range Wireless RSM works up to 100 meters away from the mobile radio, keeping you in communication where you never thought possible.

COMPLETE WIRELESS SOLUTIONS

Choose from a broad portfolio of wireless Bluetooth® accessories for safer, more effective communications. Our solutions are designed to unleash your MOTOTRBO™ radio and help you discover better ways to work, wherever that may be.

LOOK PROFESSIONAL

YOUR GUESTS DEMAND NOTHING LESS

SITUATION
Two people are creating a scene in the hotel foyer. You call security, then leave your radio under the reception desk so you can head over hands-free to calm the situation down. While walking, you describe the incident to security using your business professional Bluetooth Accessory Kit. You are able to keep your focus on the incident while listening to security through your comfortable swivel earpiece and communicate back by discreetly pressing the Operations Critical Wireless push-to-talk pod in your pocket. Security quickly responds to resolve the incident before it escalates.

SOLUTION
Connect your Bluetooth enabled SL 7550 MOTOTRBO two-way radio to a Bluetooth Accessory Kit and you’ll never have to cut short important conversations again.
SITUATION
It’s hectic in the supply room at the start of a shift with all your colleagues setting up their radios at the same time. Touch pairing makes everything easy. Simply pick up and pair your radio with your Enhanced Operations Critical Wireless earpiece by touching the radio and earpiece together. Then head out onto the factory floor and start working immediately, without having to confirm your accessory is paired to the right radio.

SOLUTION
Connect your MOTOTRBO XPR 6550 portable radio with Enhanced Operations Critical Wireless adapter to an intrinsically safe Operations Critical Wireless earpiece and you can be confident your radio is paired and ready to work quickly.

STAY HIDDEN
BLEND IN PERFECTLY WITH YOUR ENVIRONMENT

SITUATION
Inside a college basketball arena, it’s your job to move freely in the crowd, monitoring students and communicating covertly with colleagues. A completely discreet wireless kit helps you blend in and avoid suspicion. With a tiny receiver hidden in your ear, a microphone under your lapel and a communications loop beneath your shirt, you can talk and listen to your radio in total privacy. Nothing is visible. You simply appear to be talking on what looks like your mobile phone.

SOLUTION
Connect your Bluetooth enabled SL 7550 MOTOTRBO portable two-way radio to a completely discreet wireless kit and maintain constant surveillance without being noticed.

ENHANCED OPERATIONS
An enhanced adapter with touch pairing instantly connects your XPR 6000 Series radio to your wireless earpiece to your radio by a single touch. With faster shift changes, everyone in your team gets going quicker with the right equipment for the job.

TOUCH AND GO
YOUR RADIO IS PAIRED TO YOUR EARPIECE WITH A TOUCH AND READY TO RUN

SITUATION
It’s hectic in the supply room at the start of a shift with all your colleagues setting up their radios at the same time. Touch pairing makes everything easy. Simply pick up and pair your radio with your Enhanced Operations Critical Wireless earpiece by touching the radio and earpiece together. Then head out onto the factory floor and start working immediately, without having to confirm your accessory is paired to the right radio.

SOLUTION
Connect your MOTOTRBO XPR 6550 portable radio with Enhanced Operations Critical Wireless adapter to an intrinsically safe Operations Critical Wireless earpiece and you can be confident your radio is paired and ready to work quickly.

WIRELESS CONVENIENCE
Go wireless and you’re just one of the crowd. Instead of wearing your radio on your belt, hide it in a bag or even on a colleague. It’s the best way to maintain totally discreet surveillance and it’s unique to Motorola.
**SITUATION**
On the road and your radio bleeps. Without taking your hands off the wheel or eyes off the road, you respond to radio calls using your Bluetooth earpiece and steering wheel mounted pushbutton push-to-talk. Fingertip control from the wheel means you can stay in constant communication with customers en route and remain completely safe while driving.

**SOLUTION**
Connect your Bluetooth enabled MOTOTRBO XPR 5000 Series mobile radio to an Operations Critical Wireless earbud and wired, steering wheel mounted pushbutton PTT and you’ll never have to take your hands off the wheel again.

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**SITUATION**
It’s the middle of a shift and with machinery running at full speed, your workplace is a noisy place to be. You need to communicate on your radio while still being aware of everything around you. XBT heavy-duty headsets connect wirelessly to your radio, suppressing noise for clearer communications. With patented SENS™ situational awareness technology, these headsets ensure you’ll hear critical communications from co-workers in the field with you.

**SOLUTION**
Connect your Bluetooth enabled XPR 7550 MOTOTRBO portable two-way radio to an XBT heavy duty wireless headset and you’ll hear everything you need to hear from clear radio communications to essential noises all around you.

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**SITUATION**
While working in a manhole, you need to talk colleagues through a pipe blockage. With no radio reception down there, that would normally mean a trip back up the shaft, wasting precious time. Luckily, you left your radio above ground and can talk them through the problem on your intrinsically safe Bluetooth earpiece, allowing you to complete the job efficiently and safely.

**SOLUTION**
Connect your MOTOTRBO XPR 7550 portable radio with integrated Bluetooth to an intrinsically safe Operations Critical Wireless earpiece and you’ll never be out of range underground again.

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**DRIVE SENSIBLY**
KEEP YOUR EYES ON THE ROAD AND COMMUNICATE HANDS-FREE

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**BE AWARE**
HEAR WITHOUT HARM AND WORK WITHOUT WIRES

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**STAY CONNECTED**
YOUR COMMUNICATIONS DON’T STOP WHEN YOU’RE UNDERGROUND

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**KEEP YOuR eYeS On THE ROAd And COMMuniCATe hAnds-fRee**

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**XPR 5000 SERIES**

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**XPR 7000 SERIES**
**SPECIFICATIONS**

All accessories compatible with the following radios, unless otherwise noted: SL 7550, SL 7580, XPR 7550, XPR 7580, XPR 7350, XPR 7380, XPR 5550, XPR 5350, XPR 6550, XPR 6580, XPR 6500, XPR 6350, XPR 6380, XPR 6300, XPR 6100

### EARPIECES/EARBUDS/WIRELESS PUSH-TO-TALK PODS

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Operations Critical Wireless Port Numbers</td>
<td>NNTN8127/NTN2571</td>
<td>NNTN8251 (Earpiece with 12&quot; cable and push-to-talk pod)</td>
</tr>
<tr>
<td>Enhanced Operations Critical Wireless with Touch Pairing Port Numbers</td>
<td>NTN2571</td>
<td>NTN2510 (Earpiece with 12&quot; cable and push-to-talk pod)</td>
</tr>
</tbody>
</table>

### Earbuds, Push-to-Talk Pod

- **Ordering Information:** Order separately.
- **Pod Dimensions with Clip:** 70 x 41 x 25 mm
- **Pod Weight:** 43 grams

### ENVIRONMENTAL SPECS

- **Operating Temperature:** -30ºC to +60ºC
- **IP Rating:** IP54
- **Intrinsically Safe:** FM

### POWER

- **Battery:** Lithium Polymer
- **Battery Life:**
  - **(typical, 5/5/90)**: 10 hours
  - **Charge time:** 3 hours

### REPLACEMENT/SPARE PARTS

- **PMLN6246:** Swivel Clip for Wireless Push-to-Talk pod
- **PMPN4027:** Replacement or spare micro-USB plug-in charger

### MOTOTRBO BLUETOOTH ACCESSORY KIT

- **Part Number:** RLN6500
- **Physical Dimensions:** 43.8 x 32.0 x 11.5mm (without clip) / 16.2mm (with clip)
- **Weight:** 18g including battery

### COMpletely DISCREET WIRELESS SURVEILLANCE KIT

- **Part Number:** NNTN8385/RLN4922/NNTN8127
- **Description:** Wireless Neckloop Y-adapter and retention hook
- **Weight:** 77 g
- **Battery Life:** (typical, 5/5/90)**: 8 hours with NNTN8127 PTT pod attached

### REPLACEMENT/SPARE PARTS

- **NNTN8457:** 10 Retention Hooks
- **GMLN5261:** Phonak Nano Ear Receiver, beige**
- **GMLN5262:** Phonak Nano Ear Receiver, brown**
- **RLN4920:** Phonak Inductive Neckloop
- **RNN4005:** 1.4 Volt Battery – Pack of 6

* All talk and standby times are approximate. Interference caused by other wireless devices and Wi-Fi networks may increase battery drain. **Customize your solution using this Phonak Nano Ear Receiver with crystal-clear sound. Neckloop and y-adapter must be ordered separately.
**XBT Wireless Heavy Duty Headset**

**XBT Operations Critical Wireless Behind-the-Neck Headset**

**Part Number** RLN6490

**Description** XBT Operations Critical Wireless Behind-the-Neck Headset

**Hearing Protection** 25dB

**Situational Awareness** SENS® Situational Awareness

**Headset Weight** 429g 422g

**POWER**

**Battery Life (typical, 5/5/90)** 22 hours

**Charge Time** 7 hours

**Battery Type** Lithium Polymer

**REPLACEMENT PARTS**

- RLN6492 Behind-the-Neck replacement band
- RLN6495 Replacement Boom Microphone
- RLN6496 Cooling pads
- RLN6487 Hygiene Kit for XBT Headsets
- RLN6490 Universal 5V power supply for XBT Headset

**LONG RANGE WIRELESS SOLUTION**

**Part Number** RLN5050

**Description** Long Range Wireless Mobile Accessory Kit with Vehicular Charger

**Kit Includes**
- Wireless Remote Speaker Microphone (RLN6440)
- Mobile/Microphone Bluetooth Gateway (PMMN4097)
- Vehicular Charger (PMMN6716)

**Compatable Radios:** XPR 5580, XPR 5550, XPR 5380, XPR 5350, XPR 4580, XPR 4550, XPR 4380, XPR 4350

**Remote Speaker Microphone Range** 100 meters

**Rated Audio/Distortion** 3.6V DC

**Add-On Accessories & Replacement Parts**

- PMLN7120 Wireless RSM Dual Unit Charger with 1750mAh LiIon Power supply
- PMMN6716 Wireless RSM Vehicular Charger
- RLN6440 Wireless RSM with Battery & clip
- PMMN4097 Mobile/Microphone Bluetooth Gateway
- RLN5050 Wireless RSM Battery, 1750mAh LiIon
- PMMN7063 Swivel Clip for Long Range Wireless RSM
- 420093122001 D Ring Swivel Clip
- RLN4941 Receive-Only Earpiece with Translucent Tube and Rubber Eartip
- AARLN4885 Receive-Only Earbud

**Physiological Compatibility**

- CE, FCC, IC, EPP, EME, CMM, WEEE, EFUP

**POWER**

- Battery Life (typical, 5/5/90) 28+ hours
- Battery Life (typical, 5/35/60) 13+ hours
- Charge time 3 hours
- Operating Voltage 3.6V DC
- Protocol Bluetooth SIG 2.1 + EDR

**WIRELESS REMOTE SPEAKER MICROPHONE SPECIFICATIONS**

**PHYSICAL**

- **Dimension** 88x26x63mm
- **Weight** 158 g

**ENVIRONMENTAL**

- **Operating Temperature** -10°C to +60°C
- **IP Rating** IP55 (with dust cover closed)
- **Shock/Vibration** MIL-STD-810F

**POWER**

- **Battery** 1750 mAh Lithium Ion
- **Battery Life (typical, 5/35/90)** 28+ hours
- **Battery Life (typical, 5/5/90)** 22 hours
- **Charge time** 3 hours
- **Operating Voltage** 3.6V DC
- **Protocol** Bluetooth SIG 2.1 + EDR
- **Type Acceptance** CE, FCC, IC, EPP, EME, CMM, WEEE, EFUP

**ADD-ON ACCESSORIES & REPLACEMENT PARTS**

- RLN6487 Hygiene Kit for XBT Headsets
- RLN6490 Universal 5V power supply for XBT Headset

**Wireless Remote Speaker Microphone Specifications**

- **PHYSICAL**
  - Dimension: 88x26x63mm
  - Weight: 158 g

- **ENVIRONMENTAL**
  - Operating Temperature: -10°C to +60°C
  - IP Rating: IP55 (with dust cover closed)
  - Shock/Vibration: MIL-STD-810F

- **POWER**
  - Battery: 1750 mAh Lithium Ion
  - Battery Life (typical, 5/35/90): 28+ hours
  - Battery Life (typical, 5/5/90): 22 hours
  - Charge time: 3 hours
  - Operating Voltage: 3.6V DC
  - Protocol: Bluetooth SIG 2.1 + EDR
  - Type Acceptance: CE, FCC, IC, EPP, EME, CMM, WEEE, EFUP

- **ADD-ON ACCESSORIES & REPLACEMENT PARTS**
  - RLN6492 Behind-the-Neck replacement band
  - RLN6495 Replacement Boom Microphone
  - RLN6496 Cooling pads
  - RLN6487 Hygiene Kit for XBT Headsets
  - RLN6490 Universal 5V power supply for XBT Headset

**Replacement Parts**

- RLN6493 Behind-the-Neck replacement band
- RLN6495 Replacement Boom Microphone
- RLN6496 Cooling pads
- RLN6487 Hygiene Kit for XBT Headsets
- RLN6490 Universal 5V power supply for XBT Headset

- RLN6544 Wireless Remote Speaker Microphone (RLN6440)
- Mobile/Microphone Bluetooth Gateway (PMMN4097)
- Vehicular Charger (PMMN6716)

- XPR 5580, XPR 5550, XPR 5380, XPR 5350, XPR 4580, XPR 4550, XPR 4380, XPR 4350

- **Remote Speaker Microphone Range**: 100 meters

- **Rated Audio/Distortion**: 3.6V DC

- **Protocol**: Bluetooth SIG 2.1 + EDR

- **Type Acceptance**: CE, FCC, IC, EPP, EME, CMM, WEEE, EFUP

- **ADD-ON ACCESSORIES & REPLACEMENT PARTS**
  - PMLN7120 Wireless RSM Dual Unit Charger with 1750mAh LiIon Power supply
  - PMMN6716 Wireless RSM Vehicular Charger
  - RLN6440 Wireless RSM with Battery & clip
  - PMMN4097 Mobile/Microphone Bluetooth Gateway
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  - PMMN7063 Swivel Clip for Long Range Wireless RSM
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  - 420093122001 D Ring Swivel Clip
  - RLN4941 Receive-Only Earpiece with Translucent Tube and Rubber Eartip
  - AARLN4885 Receive-Only Earbud

- **The following wireless accessories are also compatible with the PMMN4097 Mobile/Microphone Bluetooth Gateway. Using these accessories with the PMMN4097 will provide a 15 meter range**

- **NTN2570** (coming soon): Earpiece with 12" cable and push-to-talk pad

- **NTN2571** (coming soon): Earbud

- **NTN2572** (coming soon): Wireless Push-to-Talk Pad

- **The Long Range Wireless Solutions are compatible with the Mission Critical Wireless Pod software version R01.05.00 or later.**

**MOTOTRBO Operations Critical Wireless Accessories**
## ADAPTERS FOR XPR 6000 SERIES

<table>
<thead>
<tr>
<th>Part Number</th>
<th>OPERATIONS CRITICAL WIRELESS ADAPTER</th>
<th>OPERATIONS CRITICAL WIRELESS ADAPTER WITH TOUCH PAIRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMLN5712</td>
<td></td>
<td>PMLN5993</td>
</tr>
<tr>
<td>Compatible Radios</td>
<td>XPR 6100, XPR 6300, XPR 6350, XPR 6380, XPR 6500, XPR 6550, XPR 6580</td>
<td>XPR 6300, XPR 6350, XPR 6380, XPR 6500, XPR 6550, XPR 6580</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>65.2 x 22.1 x 20.1 mm</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td>30 grams</td>
</tr>
</tbody>
</table>

### ENVIRONMENTAL SPECS

| Operating Temperature | -30°C to +60°C |
| IP Rating             | IP57 (mated to radio) |
| Intrinsically Safe Rating | None FM (with NTN2570 or NTN2571 wireless PTT connected) |

### POWER

| Source | Radio Battery |

### WIRELESS LINK

| Pairing | Standard pairing when earpiece or wireless pod is within 3 feet of adapter or radio with embedded Bluetooth | Fast “touch” pairing when earpiece or wireless pod is within 2” of blue dot on adapter |
| Range   | 30 feet line of sight, 6 feet around body |

<table>
<thead>
<tr>
<th>Tested and Certified Wireless Devices Compatible with Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>NNTN8125 – Earpiece with 12” cable and push-to-talk pod</td>
</tr>
<tr>
<td>NNTN8127 – Operations Critical Wireless Push-to-Talk Pod</td>
</tr>
<tr>
<td>RLN6490 - XBT Operations Critical Wireless Behind-the-Neck Headset</td>
</tr>
<tr>
<td>RLN6491 - XBT Operations Critical Wireless Headband Style Headset</td>
</tr>
<tr>
<td>RLN6500 - Bluetooth Accessory Kit</td>
</tr>
<tr>
<td>NTN2570 – Earpiece with 12” cable and push-to-talk pod</td>
</tr>
<tr>
<td>NTN2571 – Operations Critical Wireless Push-to-Talk Pod with Touch Pairing</td>
</tr>
</tbody>
</table>

*All talk and standby times are approximate. Interference caused by other wireless devices and Wi-Fi networks may increase battery drain.

Note: SL 7500 Series, XPR 7000 Series and XPR 5000 Series radios have Bluetooth audio embedded in the radio and do not require a separate external adapter.

For more information on how to unleash your radio, visit [www.motorolasolutions.com/mototrbo](http://www.motorolasolutions.com/mototrbo)