MOTOTRBO™
OPERATIONS CRITICAL WIRELESS ACCESSORIES

UNLEASH THE POWER OF YOUR RADIO WITH BLUETOOTH® ACCESSORIES
**SITUATION**
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. Once you leave your truck, you are without access to your mobile radio and have no way to communicate until you return to your vehicle.

**SOLUTION**
With the Long Range Wireless Remote Speaker Microphone (RSM), you can stay connected to your MOTOTRBO Mobile Radio from up to 100 meters away, allowing you to maintain critical communications where you never thought possible. Before getting out of the vehicle, you use touch pairing to pair the Long Range Wireless RSM instantly to the mobile microphone with Bluetooth gateway. This means you’re ready to go in just seconds.

Working in the dark? The task light on this RSM enables you to read important information in low-light environments. The bottom line? You’re able to get the meter readings you needed, communicate them effortlessly and clearly back to dispatch, all while working outside of your vehicle.

**LONG RANGE WIRELESS REMOTE SPEAKER MICROPHONE**

**ENHANCED REMOTE OPERATIONS. MAINTAIN CRITICAL COMMUNICATIONS EVEN ON REMOTE JOB SITES.**

1. **PMLN6716** Vehicular Charger
2. **RLN6551** Long Range Wireless RSM
3. **XPR 4550** Bluetooth Gateway
SITUATION
You work in a warehouse and have to get up on a ladder to access supplies. Moving freely without restrictions is necessary, but can be challenging. You’re concerned about the radio on your hip and the RSM cord getting caught on the ladder.

SOLUTION
With the Wireless Remote Speaker Microphone, you can successfully put down your radio and move about freely. You no longer have to be concerned about your cord getting in the way. Rather, you can perform your daily tasks safely, maneuver in tight spaces with ease and keep your focus on the task at hand.

At the start of your shift, you simply pair the Wireless RSM to your radio via voice prompts; set-up is effortless. Then, you put your radio down, clip your Wireless RSM to your shoulder, and go about your duties with freedom of movement and ease. You’ll stay connected to your radio up to 10 meters away, in-line-of-sight.

If an accident were to happen, you can instantly call for help with a push of the emergency button on the Wireless RSM. Work safer, smarter, and more comfortably in demanding environments.

无线遥控耳机麦克风（RSM）
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准备就绪
移动自如

1. XPR 7000 系列
2. RLN6562 无线 RSM
3. PMNN4461 无线 RSM 电池
SITUATION
Two people are creating a scene in the hotel lobby. As the hotel manager, you need to walk over to help diffuse the situation. You need to have access to your radio to call for help if needed, but worry about where to put it. You don’t want to hold it in your hand, as you may need full control of your hands if the situation escalates.

SOLUTION
With the Bluetooth Accessory Kit, you can simply leave your radio behind the reception desk and head over to handle the incident hands-free. While making your way over to the visitors, you discreetly use the Operations Critical Wireless Push-to-Talk in your pocket to describe the situation to hotel security via your business professional Bluetooth earpiece.

You are able to keep your focus on the incident while listening to security through the comfortable earpiece. They quickly respond to resolve the incident before it escalates.

Our broad portfolio of wireless Bluetooth accessories deliver safer, more effective communications - enabling you to discover better ways to work, wherever that may be.
SITUATION
It’s your job as an undercover officer to monitor students inside a football arena. To do this, you need to communicate covertly with colleagues. Your options are to wear a traditional earpiece, which makes you easily recognizable, or to go without audio accessory and lose access to critical communication.

SOLUTION
Blend into your surroundings with the Completely Discreet Wireless Kit. With a tiny receiver hidden in your ear, a microphone hidden under your lapel and a communications loop beneath your shirt, you can talk and listen to your hidden radio in total privacy.

As the game progresses, you notice suspicious activity behind the bleachers and press the wireless push-to-talk button hidden in your pocket to call for help. Backup is on the way and together you remove the perpetrators without anybody realizing what’s going on.
TOUCH AND GO.

YOUR RADIO IS PAIRED TO YOUR EARPIECE IN SECONDS.

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. You want to be wireless but are worried about pairing to other wireless devices and therefore the wrong radio.

SOLUTION

Touch pairing makes everything easy. Simply pick up and pair your radio with your wireless earpiece in seconds by touching the wireless adapter and earpiece together. The Motorola close proximity pairing ensures you never connect to the wrong device. With peace of mind, you head out onto the factory floor and start working immediately.

1. XPR 6000 SERIES / PMLN5993 Wireless Adapter
2. NNTN8295 / NNTN8127 Wireless Earbud, Wireless Push-To-Talk

ENHANCED WIRELESS ADAPTER AND EARPIECE
OPERATIONS CRITICAL WIRELESS EARPIECE

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

SITUATION
You are on the road and receive an incoming message on your mobile. With your traditional mobile microphone, you have to take your hand off the steering wheel in order to answer incoming calls.

SOLUTION
At the beginning of your shift, you paired your Operations Critical Wireless Earpiece to your mobile radio and are now able to respond to radio calls using your wireless earpiece and steering wheel mounted 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.

Even though you are connected to your mobile radio with your wireless earpiece, you can continue to communicate with your mobile microphone whenever you choose to do so. Just press the push-to-talk on your mobile microphone and the audio automatically switches from your wireless earpiece to your mobile microphone.

1. XPR 5000
2. NNTN8125 Wireless Earpiece
3. RLN5026 Push-To-Talk Button
SITUATION
It’s the middle of a shift, and with machinery running at full speed, your workplace is very noisy. To work safely, you need to be able to communicate on your radio while still being aware of everything around you. Protecting your hearing is critical.

SOLUTION
Connect your XBT Heavy Duty Headsets via Bluetooth to your MOTOTRBO radio, suppressing noise for clearer communications. While all dangerous sounds are blocked out, the patented SENS™ situational awareness technology ensures you’ll hear critical communications. While you’re reading an incoming text message on your radio display, your co-worker shouts a warning about an oncoming forklift. Despite wearing a heavy-duty headset, you heard his warning loud and clear, and are able to safely step out of the way.

XBT WIRELESS HEAVY DUTY HEADSET

HEAR WITHOUT HARM.
WORK WITHOUT WIRES.
SITUATION
While working in a manhole underground, you need to talk to your colleagues above ground about an issue. With no radio reception underground, this means a trip back up the shaft, wasting precious time.

SOLUTION
Luckily, you left your radio above ground and can talk through the problem on your intrinsically safe wireless earpiece. Hazardous environments require critical communications and our operations critical wireless earpieces ensure you can complete the job safely and efficiently.

ENHANCED OPERATIONS CRITICAL WIRELESS EARPIECE

YOUR COMMUNICATIONS SHOULDN’T STOP WHEN YOU’RE UNDERGROUND.
**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 6100

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**Earpieces/Earbuds/Wireless Push-to-Talk Pods**

<table>
<thead>
<tr>
<th>Wireless Push-to-Talk Pods</th>
<th>Earpieces with Push-to-Talk Pod</th>
<th>EARBUDS/WIRELESS PUSH-TO-TALK PADS ORDERED SEPARATELY</th>
</tr>
</thead>
<tbody>
<tr>
<td>NNTN8127</td>
<td>NTN8126</td>
<td>NNTN8294 (with 12” cable and push-to-talk pod)</td>
</tr>
<tr>
<td>NNTN8128</td>
<td>NTN8129</td>
<td>NNTN8295 (with 11” cable and push-to-talk pod)</td>
</tr>
<tr>
<td>NNTN8129</td>
<td>NTN8130</td>
<td>NNTN8296 (with 10” cable and push-to-talk pod)</td>
</tr>
</tbody>
</table>

**Environmental specs**

- **Earpieces/Earbuds/Wireless Push-to-Talk Pods**
  - XPR 6550, XPR 6580, XPR 6500, XPR 6350, XPR 6380, XPR 6100
  - All accessories compatible with the following radios, unless otherwise noted:

**Power**

- **Battery Life (typical, 5/5/90)**
  - 8 hours
  - 10 hours
  - 3 hours

**Environment**

- **Weight**
  - 43.8 x 32.0 x 11.5mm (without clip) / 16.2mm (with clip)
- **Operating Temperature**
  - -30ºC to +60ºC
- **IP Rating**
  - IP54
- **Battery**
  - Lithium Polymer

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**XBT wireless heavy duty headset**

- **Part Number**
  - RLN6490
- **Description**
  - XBT Operations Critical Wireless Behind-the-Neck Headset
- **Hearing Protections**
  - 25dB
- **Environmental Awareness**
  - 50/80 Environmental Awareness
- **Helmet Weight**
  - 47g

**Replacement / Spare Parts**

- **Part Number**
  - RLN6491
- **Description**
  - XBT Operations Critical Wireless Headband Style Headset

**Mototrbo Bluetooth Accessory Kit**

- **Part Number**
  - RLW5550
- **Physical Dimensions**
  - 43.0 x 22.0 x 13.0 mm (without clip) / 16.0 mm (with clip)
- **Weight**
  - 18g including battery

**Environmental**

- **Temperature**
  - 0.0556 -20ºC to +60ºC
- **Battery Life (typical, 5/5/90)**
  - 9 hours

**Replacement / Spare Parts**

- **Part Number**
  - RLW5550
  - **Description**
  - Seavil Earpiece with inline microphone (Pack of 3)

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**COMpletely DISCREET WIRELESS SURVEILLANCE KIT**

**Operations Critical Wireless Completely Discreet Surveillance Kit**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLW401</td>
<td>Completely Discrete Earpiece Kit Includes RLW4030 and RLN4032</td>
</tr>
<tr>
<td>RLW402</td>
<td>Completely Discrete Headset Kit RLW4077</td>
</tr>
</tbody>
</table>

**Power**

- **Weight**
  - 77 g
- **Power**
  - Must order RLN8732 to power the neckloop
  - Must order NNTN8127 to power the neckloop
  - Battery Life (typical, 5/5/90): 8 hours with RLN8732 PTT pod attached
  - Average battery life is 100 hours
  - Battery Type: Lithium Polymer (in NNTN8127 pod)
  - 1.4 Volt replaceable battery

**Replacement / Spare Parts**

- **Part Number**
  - RLW401
  - **Description**
  - Phonak Nano Ear Receiver, brown**

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**Brochure**

**Operations Critical Wireless - MOTOTRBO**

**Environmental**

- **Battery Life (typical, 5/5/90)**
  - 8 hours
  - 7 hours
  - 7 hours

**Power**

- **Battery Type**
  - Lithium Polymer
  - Lithium Polymer

**Environmental**

- **Battery**
  - Lithium Polymer
  - Lithium Polymer

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**BROCHURE**

**Operations Critical Wireless - MOTOTRBO**
**SPECIFICATIONS**

**LONG RANGE WIRELESS SOLUTION**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>RLN6551</th>
<th>RLN6552A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Operations Critical Wireless RSM with Battery, Clip &amp; Dual Unit Charger</td>
<td>Long Range Wireless Mobile Accessory Kit (No Power Charger)</td>
</tr>
<tr>
<td>Kit Includes</td>
<td>Wireless Remote Speaker Microphone (RLN644), Mobile Microphone Bluetooth Gateway (PMMN4091)</td>
<td>Wireless Remote Speaker Microphone (RLN644), Mobile Microphone Bluetooth Gateway (PMMN4091)</td>
</tr>
<tr>
<td>Remote Speaker Microphone (RLN6544)</td>
<td>110 meters</td>
<td>110 meters</td>
</tr>
<tr>
<td>Rated Audio/Distance</td>
<td>0.5W @&lt;10%</td>
<td>0.5W @&lt;10%</td>
</tr>
</tbody>
</table>

**ADAPTERS FOR XPR 6000 SERIES**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PMMN6712</th>
<th>PMMN6713</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Radios</td>
<td>XPR 6500, XPR 6550, XPR 6580, XPR 6500, XPR 6550, XPR 6600, XPR 6500</td>
<td>XPR 6500, XPR 6550, XPR 6580, XPR 6500, XPR 6550, XPR 6500</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>85.2 x 22.1 x 20.1 mm</td>
<td>85.2 x 22.1 x 20.1 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>30 grams</td>
<td>30 grams</td>
</tr>
</tbody>
</table>

**PHYSICAL**

| Dimension | 86x28x33mm |
| Weight | 158 g |

**ENVIRONMENTAL**

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

**POWER**

| Battery | 1750 mAh Lithium Ion |
| Charge Time | 3 hours |
| Operating Voltage | 3.6V DC |

**WIRELESS LINK**

| Pairing | Standard pairing when wireless pod is within 2 feet of adapter or radio with embedded Bluetooth |
| Range | 30 feet line of sight, 6 feet around body |

**TESTED AND CERTIFIED WIRELESS DEVICES**

<table>
<thead>
<tr>
<th>Compatible with Adapter</th>
<th>NTN8125</th>
<th>NTN8127</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTN8125</td>
<td>Earpiece with 12 inch cable and push-to-talk pod</td>
<td></td>
</tr>
<tr>
<td>NTN8127</td>
<td>Operations Critical Wireless Headset Kit</td>
<td></td>
</tr>
<tr>
<td>NTN8125</td>
<td>Operations Critical Wireless Headset Kit with Bluetooth Accessory Kit</td>
<td></td>
</tr>
</tbody>
</table>

**ADD-ON ACCESSORIES & REPLACEMENT PARTS**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>PMMN6712</th>
<th>PMMN6713</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Wireless FSM Dual Unit charger with NA power supply</td>
<td>Soren Clip for Long Range Wireless FSM</td>
</tr>
<tr>
<td>PMMN6712</td>
<td>Wireless FSM Dual Unit charger with NA power supply</td>
<td>PMMN6712</td>
</tr>
<tr>
<td>PMMN6713</td>
<td>Wireless FSM Dual Unit charger with NA power supply</td>
<td>PMMN6713</td>
</tr>
<tr>
<td>PMMN6714</td>
<td>Soren Clip for Long Range Wireless FSM</td>
<td>PMMN6714</td>
</tr>
<tr>
<td>PMMN6715</td>
<td>Di-Ring Swivel Clip</td>
<td>PMMN6715</td>
</tr>
<tr>
<td>PMMN6401</td>
<td>Wireless FSM Battery</td>
<td>PMMN6401</td>
</tr>
<tr>
<td>PMMN6401</td>
<td>Remove Only Earpiece with Translucent Tube and Rubber Ear Tip</td>
<td>PMMN6401</td>
</tr>
<tr>
<td>PMMN6404</td>
<td>Reserve Only Earbud</td>
<td>PMMN6404</td>
</tr>
<tr>
<td>PMMN6405</td>
<td>Reserve Only Earbud</td>
<td>PMMN6405</td>
</tr>
<tr>
<td>NTN8126</td>
<td>Earpiece with 12” cable and push-to-talk pod</td>
<td>NTN8126</td>
</tr>
<tr>
<td>NTN8127</td>
<td>Operations Critical Wireless Headset Kit</td>
<td>NTN8127</td>
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<tr>
<td>NTN8128</td>
<td>Operations Critical Wireless Headset Kit with Bluetooth Accessory Kit</td>
<td>NTN8128</td>
</tr>
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</table>

*The Long Range Wireless Solutions are compatible with the Mission Critical Wireless Pod software version R01.05.00 or later.*
For more information, please visit us:
www.motorolasolutions.com/mototrbo