



# MOTOTRBO™ OPERATIONS CRITICAL WIRELESS ACCESSORIES

UNLEASH THE POWER OF YOUR RADIO WITH BLUETOOTH® ACCESSORIES





## **LONG RANGE WIRELESS REMOTE SPEAKER MICROPHONE**

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

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## 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.



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- 1. PMLN6716**  
Vehicular Charger
- 2. RLN6551**  
Long Range  
Wireless RSM
- 3. XPR 4550**  
Bluetooth Gateway



## **WIRELESS REMOTE SPEAKER MICROPHONE**

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**BE READY IN  
SECONDS.  
MOVE FREELY  
WITHOUT WIRES  
GETTING IN  
THE WAY.**

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## 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.



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**1. XPR 7000 SERIES**

**2. RLN6562**  
Wireless RSM

**3. PMNN4461**  
Wireless RSM Battery



## **BLUETOOTH® ACCESSORY KIT**

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**KEEP YOUR FOCUS  
ON THE CUSTOMER.  
PROFESSIONAL  
COMMUNICATIONS  
SOLUTIONS.**

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## 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.



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1. **SL7500**
2. **RLN6500**  
Bluetooth  
Accessory Kit
3. **NNTN8127**  
Wireless Push-To-Talk



## **COMPLETELY DISCREET WIRELESS KIT**

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**STAY HIDDEN.  
BLEND IN PERFECTLY  
WITH YOUR  
ENVIROMENT.**

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## 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



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1. **SL7500 SERIES**
2. **NNTN8385/  
RLN4922/NNTN8127**  
Completely Discreet  
Wireless Kit
3. **NNTN8127**  
Wireless Push-To-Talk



## **ENHANCED WIRELESS ADAPTER AND EARPIECE**

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**TOUCH AND GO.  
YOUR RADIO IS  
PAIRED TO YOUR  
EARPIECE IN  
SECONDS.**

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## 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.



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



## **OPERATIONS CRITICAL WIRELESS EARPIECE**

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

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## 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 chose 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.



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1. XPR 5000
2. NNTN8125  
Wireless Earpiece
3. RLN5926  
Push-To-Talk Button



## **XBT WIRELESS HEAVY DUTY HEADSET**

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**HEAR  
WITHOUT HARM.  
WORK  
WITHOUT WIRES.**

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## 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.



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### 1. XPR 7000

### 2. RLN6490

XBT Wireless Heavy Duty Headset

### 3. RLN6491

XBT Wireless Heavy Duty Headset



## **ENHANCED OPERATIONS CRITICAL WIRELESS EARPIECE**

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**YOUR  
COMMUNICATIONS  
SHOULDN'T STOP  
WHEN YOU'RE  
UNDERGROUND.**

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## 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.



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1. XPR 7000 SERIES
2. NNTN8125 Enhanced Wireless Earpiece

# 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

	WIRELESS PUSH-TO-TALK PODS	EARPIECES WITH PUSH-TO-TALK POD	EARBUDS, PUSH-TO-TALK POD ORDERED SEPARATELY
Operations Critical Wireless Part Numbers	<b>NNTN8127</b> Push-to-Talk Pod	<b>NNTN8125</b> Earpiece with 12" cable and push-to-talk pod	<b>NNTN8294</b> Earbud with 11.4" cable <b>NNTN8295</b> Earbud with 45.7" cable (Order <b>NNTN8127</b> Push-to-Talk pod)
Enhanced Wireless Solution with Touch Pairing Part Numbers	<b>NTN2571</b> Push-to-Talk Pod with Touch Pairing	<b>NTN2570</b> Earpiece with 12" cable and push-to-talk pod	<b>NNTN8294</b> Earbud with 11.4" cable <b>NNTN8295</b> Earbud with 45.7" cable (Order <b>NTN2571</b> Push-to-Talk pod)
Compatible with XPR 6000 Series radios*			
Pod Dimensions with Clip	70 x 41 x 25 mm	70 x 41 x 25 mm	
Pod Weight	43 grams	43 grams	



**NNTN8127 / NTN2571**



**NNTN8125/NTN2570**

## ENVIRONMENTAL SPECS

Operating Temperature	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
IP Rating	IP54	IP54	IP54
Intrinsically Safe FM	<b>NTN2571</b>	<b>NTN2570</b>	N/A

## POWER

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

\* The Enhanced Wireless Solution is not compatible with the XPR 6100 Radio



**PMLN7052**

## REPLACEMENT / SPARE PARTS

<b>PMLN6246</b>	Swivel Clip for Wireless Push-to-Talk pod	<b>NTN8821</b>	Maintenance Kit - includes 10 silicone ear tubes, 10 microphone seal strips and 2 foam windscreens
<b>PMPN4027</b>	Replacement or spare micro-USB plug-in charger	<b>NTN8988</b>	10 Ear Straps to secure earpiece to ear
<b>NTN2572</b>	Earpiece with 12" cable	<b>RLN5037</b>	10 Ear Tubes
<b>NTN2571</b>	Replacement push-to-talk pod	<b>PMLN6246</b>	Swivel Clip for Wireless Push-to-Talk pod
<b>PMLN7052</b>	Earpiece with in line microphone.	<b>PMPN4027</b>	Replacement or spare micro-USB plug-in charger
<b>NNTN8361</b>	Replacement Eartips kit (20 small, 20 medium, 20 large eartips and 10 clips)		



**NNTN8294**

## MOTOTRBO BLUETOOTH ACCESSORY KIT

### BLUETOOTH ACCESSORY POD

Part Number	<b>RLN6500</b>
Physical Dimensions	43.8 x 32.0 x 11.5mm (without clip) / 16.2mm (with clip)
Weight	18g including battery

### ENVIRONMENTAL

0.0556	-20°C to +60°C
Battery Life (typical, 5/5/90)*	8 hours

**REPLACEMENT/SPARE PARTS** **PRLN6550:** Swivel Earpiece with inline microphone (pack of 3)



**RLN6500**

## COMPLETELY DISCREET WIRELESS SURVEILLANCE KIT

### OPERATIONS CRITICAL WIRELESS COMPLETELY DISCREET KIT

Part Number	<b>NNTN8385</b>	<b>RLN4922</b>
<b>Description</b>	Wireless Neckloop Y-adapter and retention hook	Completely Discreet Earpiece Kit. Includes <b>RLN4920</b> Phonak Inductive Neckloop, <b>RLN4921</b> Phonak Phonito
<b>Weight</b>	77 g	77 g
<b>POWER</b>	Must order <b>NNTN8127</b> to power the neckloop	Must order <b>NNTN8127</b> to power the neckloop
Battery Life (typical, 5/5/90)*	8 hours with <b>NNTN8127</b> PTT pod attached	Average battery life is 100 hours
Battery Type	Lithium Polymer (in <b>NNTN8127</b> pod)	1.4volt replaceable battery



**NNTN8385/RLN4922/  
NNTN8127**



**NNTN8457**

### REPLACEMENT / SPARE PARTS

<b>NNTN8457</b>	10 Retention Hooks	<b>GMLN5262</b>	Phonak Nano Ear Receiver, brown**
<b>RLN4921</b>	Phonak Phonito Intra Ear Receiver	<b>RLN4920</b>	Phonak Inductive Neckloop
<b>GMLN5261</b>	Phonak Nano Ear Receiver, beige**	<b>RNN4005</b>	1.4 Volt Battery – Pack of 6



**GMLN5261\*\***

## XBT WIRELESS HEAVY DUTY HEADSET

### OPERATIONS CRITICAL WIRELESS COMPLETELY DISCREET KIT

Part Number	<b>RLN6490</b>	<b>RLN6491</b>
<b>Description</b>	XBT Operations Critical Wireless Behind-the-Neck Headset	XBT Operations Critical Wireless Headband Style Headset
<b>Hearing Protections</b>	23dB	25dB
<b>Situational Awareness</b>	SENS® Situational Awareness	SENS® Situational Awareness
<b>Headset Weight</b>	429g	422g
<b>POWER</b>	Must order <b>NNTN8127</b> to power the neckloop	Must order <b>NNTN8127</b> to power the neckloop
<b>Battery Life (typical, 5/5/90)*</b>	22 hours	22 hours
<b>Charge Time</b>	7 hours	7 hours
<b>Battery Type</b>	Lithium Polymer	Lithium Polymer



**RLN6490**



**RLN6491**

### REPLACEMENT / SPARE PARTS

<b>RLN6493</b>	Behind-the-Neck replacement band	<b>RLN6492</b>	Headband Style replacement band
<b>RLN6495</b>	Replacement Boom Microphone	<b>RLN6497</b>	Hygiene Kit for XBT headsets
<b>RLN6496</b>	Cooling pads	<b>RLN6498</b>	Universal 5V power supply for XBT headset

\* 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 the Phonak Nano Ear Receiver with crystal-clear sound. Neckloop and y-adapter must be ordered separately.

# SPECIFICATIONS

## LONG RANGE WIRELESS SOLUTION

Part Number	RLN6551	RLN6552A
Description	Long Range Wireless Mobile Accessory Kit with Vehicular Charger	Long Range Wireless Mobile Accessory Kit (No Power Charger)
Kit Includes	Wireless Remote Speaker Microphone (RLN6544) Mobile Microphone Bluetooth Gateway (PMMN4097) Vehicular Charger (PMMN6716)	Wireless Remote Speaker Microphone (RLN6544) Mobile Microphone Bluetooth Gateway (PMMN4097) (Charger must be purchased separately)
Compatible Radios:	<b>XPR 5580, XPR 5550, XPR 5380, XPR 5350, XPR 4580, XPR 4550, XPR 4380, XPR 4350</b>	
Remote Speaker Microphone Range	100 meters	100 meters
Rated Audio/Distortion	0.5W @<10%	0.5W @<10%

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



RLN6491



PMMN4097



PMMN6716



PMLN7120

## WIRELESS REMOTE SPEAKER MICROPHONE SPECIFICATIONS

Part Number	<b>RLN6562</b> Operations Critical Wireless RSM with Battery, Clip & Dual Unit Charger
Part Number	<b>RLN6551</b> Long Range Wireless Mobile Accessory Kit with Vehicular Charger
Part Number	<b>RLN6552</b> Long Range Wireless Mobile Accessory Kit (No charger included)
Compatible Radios	<b>RLN6562:</b> XPR 7000 and XPR 7000 e Series Radios
Compatible Radios	<b>RLN6551</b> and <b>RLN6552:</b> XPR 5580, XPR 5550, XPR 5380, XPR 5350, XPR 4580, XPR 4550, XPR 4380, XPR 4350
Remote Speaker Microphone Range	<b>RLN6562:</b> 10 meters <b>RLN6551</b> and <b>RLN6552:</b> 100 meters

### PHYSICAL

Dimension	88x26x63mm
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
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
Type Acceptance	CE, FCC/IC, EPP2, EME, CMM, WEEE, EFUP

## ADD-ON ACCESSORIES & REPLACEMENT PARTS

<b>PMLN7120</b>	Wireless RSM Dual Unit charger with NA power supply	<b>PMLN6743</b>	Swivel Clip for Long Range Wireless RSM
<b>PMLN6716</b>	Wireless RSM Vehicular Charger	<b>42009312001</b>	D Ring Swivel Clip
<b>PMMN4461</b>	Wireless RSM Battery, 1750mAh Lilon	<b>RLN4941</b>	Receive-Only Earpiece with Translucent Tube and Rubber Eartip
<b>AARLN4885</b>	Receive-Only Earbud		Receive-Only Earbud

The following wireless accessories are also compatible with the **PMMN4097** Mobile Microphone with Bluetooth Gateway. Using these accessories with the PMMN4097 will provide a 10 meter range:

<b>NTN2570</b>	Earpiece with 12" cable and push-to-talk pod	<b>NTN2571</b>	Wireless Push-to-Talk Pod
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42009312001

## ADAPTERS FOR XPR 6000 SERIES

	OPERATIONS CRITICAL WIRELESS ADAPTER	OPERATIONS CRITICAL WIRELESS ADAPTER WITH TOUCH PAIRING
<b>Part Number</b>	<b>PMLN5712</b>	<b>PMLN5993</b>
<b>Compatible Radios</b>	<b>XPR 6100, XPR 6300, XPR 6350, XPR 6380, XPR 6500, XPR 6550, XPR 6580</b>	<b>XPR 6300, XPR 6350, XPR 6380, XPR 6500, XPR 6550, XPR 6580</b>
<b>Dimensions (L x W x H)</b>	65.2 x 22.1 x 20.1 mm	65.2 x 22.1 x 20.1 mm
<b>Weight</b>	30 grams	30 grams
<b>ENVIRONMENTAL SPECS</b>		
<b>Operating Temperature</b>	-30°C to +60°C	-30°C to +60°C
<b>IP Rating when attached</b>	IP57	IP57
<b>Intrinsically Safe Rating</b>	None	FM with <b>NTN2570</b> or <b>NTN2571</b>
<b>POWER</b>		
<b>Source</b>	Radio Battery	Radio Battery
<b>WIRELESS LINK</b>		
<b>Pairing</b>	Standard pairing when wireless pod is within 3 feet of adapter or radio with embedded Bluetooth	Fast 'touch' pairing when wireless pod is within 2 inches of blue dot on adapter
<b>Range</b>	30 feet line of sight, 6 feet around body	30 feet line of sight, 6 feet around body
<b>Tested and Certified Wireless Devices Compatible with Adapter</b>	<b>NNTN8125</b> Earpiece with 12 inch cable and push-to-talk pod <b>NNTN8127</b> Operations Critical Wireless Push-to-Talk Pod <b>RLN6490</b> XBT Operations Critical Wireless Behind-the-Neck Headset <b>RLN6491</b> XBT Operations Critical Wireless Headband Style Headset <b>RLN6500</b> Bluetooth Accessory Kit	<b>NTN2570</b> Earpiece with 12 inch cable and push-to-talk pod <b>NTN2571</b> Operations Critical Wireless Push-to-Talk Pod with Touch Pairing



**PMLN5712**



**PMLN5993**



For more information, please visit us:  
[www.motorolasolutions.com/motrbo](http://www.motorolasolutions.com/motrbo)



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