

**Portable Radio: XiR 8600/P8608/P8620/P8628/P8660/P8668/GP328D/GP338D**



### **Antennas**

Injection molded for rugged environments. Each antenna is tested and tuned to give maximum power and performance

#### **Flexible Whip Antennas**

Flexible whip antennas have a one-piece finish and steel core for optimal radiation characteristics. Provides more comfort when radio is worn on the belt.

PMAE4079      403-527MHZ Whip Antenna

#### **Helical Antennas**

Helical antennas are sturdy and dependable for years of fail-safe communication. Each antenna is designed and built to quality standards. The skirt at the base of the connector helps to seal out damaging elements. Connector is made of plated brass material.

PMAD4117      136-155Mhz Helical



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PMAD4116	144-165Mhz Helical
PMAD4118	152-174Mhz Helical

**Stubby Antennas**

This stubby quarterwave antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive.

PMAE4069	403-450MHz Stubby Antenna
PMAE4070	440-490Mhz Stubby Antenna
PMAE4071	470-527 Mhz Stubby Antenna
PMAD4119	Stubby Ant 11cm (136-148MHz)
PMAD4120	Stubby Ant 11cm (146-160MHz)

**Antenna Bands**

32012144001	Antenna ID band (grey-pack of 10 pieces)
32012144002	Antenna ID band (yellow-pack of 10 pieces)
32012144003	Antenna ID band (green-pack of 10 pieces)
32012144004	Antenna ID band (blue-pack of 10 pieces)
32012144005	Antenna ID band (purple-pack of 10 pieces)

**Audio Accessories**

Motorola's range of audio accessories integrates perfectly with Motorola radio to provide a personalised two-way radio solution. Built with the highest quality standards, Motorola accessories are specially engineered to assure maximum performance of your radio. Designed as a complete solution, our extensive range of audio accessories from remote speaker microphones, headsets to surveillance kits will provide you the flexibility for hands-free operations to enhance your work productivity.

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**Speaker Microphone**

**Remote Speaker Microphone**

Remote Speaker Microphone provides greater operational flexibility to transmit and receive message without removing the radio from the belt or carrying case.

PMMN4024<sup>1A</sup> Remote Speaker Microphone with 3.5mm Audio Jack. In addition to having windporting technology, the RSM also includes a 3.5 mm audio jack to accept secondary receiver audio accessories for discrete communication.



PMMN4040<sup>1A</sup> Remote Speaker Microphone Submersible (IP57) without Audio Jack. The RSM incorporates both wind porting technology and waterproof capability. The IP57 submersible RSM is tested at 1 meter for 30 minutes which is ideal for outdoor radio communication in wet conditions.



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### Impres Remote Speaker Microphone

#### **IMPRES Smart Audio System**

Motorola's state-of-the-art IMPRES technology enables optimal audio performance and increased customisation, assuring the highest quality communication. This is achieved through enabling communication between the radio and the audio accessories

#### **Optimal Audio Performance**

When an IMPRES accessory is attached, accessory identification is sent to the radio enabling the radio to optimise its output for each type of audio accessory. This results in more consistent output across all audio accessories.

#### **Enhanced Audio Gain Capabilities**

IMPRES audio accessories have significantly enhanced audio gain capabilities. Regardless of whether the user is speaking quietly or at normal volume, directly or indirectly into the microphone, the IMPRES audio can detect the condition and will automatically adjust the gain such that the person on the receiving end hears a clear transmission

PMMN4046<sup>1A</sup> The remote speaker microphone boasts a revolutionary IMPRES technology, wire porting technology and waterproofing capability. The IP57 submersible RSM is tested at 1 meter for 30 minutes which is ideal for outdoor radio communication in wet conditions. The volume control feature enables the user to adjust the radio volume without having to touch the radio.



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PMMN4050<sup>1A</sup> The remote speaker microphone boasts a revolutionary IMPRES technology and noise cancellation technology that is designed to eliminate ambient noise. Ideal for communication in noisy environment.



PMMN4025<sup>1A</sup> IMPRES Remote Speaker Microphone with 3.5mm Audio Jack & Emergency Button



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**Optional Remote Speaker Microphone Accessories**

AARLN4885      Receive Only Earpiece with 3.5mm



PMLN4620      D-SHELL Receive Only Ear Receiver with 3.5mm plug



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RLN4941      Receive Only Earpiece with 3.5mm transparent tube and rubber eartip



WADN4190      Receive Only Flexible Earpiece



**Standard Earpiece/Earset**

This Ultra lightweight D-Style earpiece is comfortable and can be worn on either ear. The innovative and stylish design allows for hands-free communication. It offers an in-line Push-to-Talk button for ease of use.

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**D-Hook Earset**

PMLN5096<sup>IA</sup> D-Shell earset with Boom Microphone



**Surveillance Kits**

Surveillance kits are unobtrusively designed, making them the ideal audio accessories for effective communication in covert operations.

**Covert Surveillance Kits**

Surveillance earpiece can be easily concealed and camouflaged to allow discrete communications. Surveillance kits also come with microphone and PTT. The earpiece is designed to allow users to use optional accessories to enhance its operational capability.

PMLN6128 IMPRES 2 Wire Surveillance – beige

RLN5880 IMPRES 2 Wire Surveillance – black(FM approved)





**Portable Radio: XiR 8600/P8608/P8620/P8628/P8660/P8668/GP328D/GP338D**

PMLN6127      IMPRES 2 Wire Surveillance – black



PMLN6129      IMPRES 2-wire Surveillance with acoustic tube - black



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PMLN6130      IMPRES 2-wire Surveillance with acoustic tube - beige



PMLN6121      IMPRES 3 Wire Surveillance - black



PMLN6122      IMPRES 3 Wire Surveillance – beige

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PMLN6123      IMPRES 3-wire Surveillance with acoustic tube - black



PMLN6124      IMPRES 3-wire Surveillance with acoustic tube - beige

RLN6279      Standard Earpiece - black

RLN6280      Standard Earpiece - beige

RLN6281      Replacement Foam Plugs – 25/pak

RLN6282      Replacement Ear Tips, Clear – 25/pak

RLN6283      Replacement Foam Ear pad and Windscreen Kit

RLN6284      Earpiece w/ Acoustic Tube Assm - beige

RLN6285      Earpiece w/ Acoustic Tube Assm - black

**Noise Kit**

RLN6288      Earpiece w/High Noise Kit Assm-Beige

RLN6289      Earpiece w/High Noise Kit Assm-Black

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**Clear Comfortable Earpieces**

The Clear Comfortable Earpiece forms to the inside of the ear and is perfect for low noise environments. It's made of easy-to-clean, chemically-inert, hypo-allergenic material. Compatible with RLN6232A and all Noise and Surveillance Kits.

RLN4760            Small Custom Earpiece - Right Ear



RLN4761            Medium Custom Earpiece - Right Ear



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RLN4762          Large Custom Earpiece - Right Ear



RLN4763          Small Custom Earpiece - Left Ear



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RLN4764          Medium Custom Earpiece - Left Ear



RLN4765          Large Custom Earpiece - Left Ear



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**Bluetooth Wireless Audio Accessories**

The Bluetooth kits (requires in-country Type Approval) allows the freedom of radio communications without the dangling wires that improve radio communications and work productivity.

PMLN5712      Operational Critical Wireless Adapter (only for P8200 series portables)

NNTN8189 <sup>1,\*IA</sup>      Operations Critical Wireless Earpiece with 12" cable



NNTN8190 <sup>1,\*IA</sup>      Operations Critical Wireless Earpiece with 9.5" cable



**Portable Radio: XiR 8600/P8608/P8620/P8628/P8660/P8668/GP328D/GP338D**

NNTN8191 <sup>1,1A</sup> Operations Critical Wireless Pod



NNTN8294 <sup>2,1A</sup> Operations Critical Wireless Earbud with 11.4" cable





**Portable Radio: XiR 8600/P8608/P8620/P8628/P8660/P8668/GP328D/GP338D**

NNTN8295 <sup>2,1A</sup> Operations Critical Wireless Earbud with 45.7" cable



PMPN4006 Charger, Micro USB (US/EU/UK)



PMPN4015 Charger, Micro USB (KOREA)

PMPN4008 Charger, Micro USB (CHINA)

\* These Bluetooth kits(NNTN8189/90/91) do not come with chargers, order the suitable micro USB chargers(PMPN4006/4008/4015) separately

<sup>1</sup> Intrinsically Safe

<sup>2</sup> Must also be ordered with NNTN8191, wireless push-to-talk pod and the appropriate charger.

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**Headset**

Enabling hands-free communication, the headset acts as a great productivity tool. Users can choose from Light Weight Headsets which are suitable in low noise environments to Heavy Duty Headsets with noise reducing ratings.

**Light Weight Headset**

Light weight headsets allow high-clarity, hands-free, two-way communications while adding comfort for extended wear in moderate noise environments.

RMN5058<sup>IA</sup> IMPRES Lightweight Headset Single-Muff, Adjustable, with Boom Microphone, In-Line PTT Switch



RLN6283 Replacement Foam Ear pad and Windscreen Kit  
PMLN5102<sup>IA</sup> Ultra-Light Headset with Boom Microphone & In-line PTT/VOX Switch



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**Heavy Duty Headset**

Heavy duty headset includes noise cancelling boom microphones and can be worn with or without a hardhat. Headsets are for use in high noise levels. The Push-to-Talk switch is located on the earcup.

PMLN5275<sup>IA</sup>

Behind the Head Heavy Duty Headset with Noise-Canceling boom microphone



**Replacement kits for heavy duty headset**

75012068001	Foam Ear Seal
15012094001	Replacement cloth Cover for ear seals
4204004K01	Over the Head Strap
6775998M01	Mic O-Ring
3578010A01	Headset Windscreen
7575999M01	Eyeglass Pad

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**Speciality Audio**

PMLN5101<sup>IA</sup> IMPRES Temple Transducer



<sup>IA</sup> These audio accessories have been optimised to work with the Intelligent Audio feature.

**Carrying Accessories**

Hard leather, soft leather and nylon carry cases secure and protect radio.

**Hard Leather carry cases**

PMLN5838 HARD LEATHER CC 3inch FIX LKP FKP



PMLN5839 HARD LEATHER CC 3inch FIX PLAIN

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PMLN5840      HARD LEATHER CC 3inch SWL LKP FKP



PMLN5842      HARD LEATHER CC 2.5inch SWL LKP FKP

PMLN5843      HARD LEATHER CC 2.5inch SWL PLAIN

PMLN5844      NYLON CC 3inch FIX LKP FKP

PMLN5845      NYLON CC 3inch FIX PLAIN

PMLN5846      HARD LEATHER CC 3inch SWL PLAIN

PMLN5610      2.5" replacement swivel belt loop

PMLN5611      3.0" replacement swivel belt loop

**Belt Clips**

PMLN4651      Spring Belt Clip (For 2" Belt Width)

PMLN7008      Spring Belt Clip (For 2.5" Belt Width)

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**Optional Carry Accessories**

**Water Proof bag**

HLN9985          Waterproof Bag, includes large carrying strap



**Carrying Straps**

NTN5243          Adjustable Black Carrying Strap, attaches to D rings on case



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**Chest packs**

Allows portable radio to be mounted on chest.

HLN6602            Universal Chest Pack with Radio Holder, Pen Holder, and Velcro Secured Pocket



1505596Z02            Replacement Strap for HLN6602

**RadioPAK**

It's different from all other holders or cases: more comfortable, more useful and more stylish. Worn around the waist, it holds two-way, iDEN portables or cellular phones right at hand. Includes a separate 6"x8" zippered pouch for other on-the-job necessities. Adjustable nylon weave belt; fits both men and women.

RLN4815            RadioPAK™ Radio/Utility Case



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4280384F89      Universal RadioPAK™ Belt Lengthener; fits waists larger than 40"

**Break-a-Way Chest Pack**

RLN4570      Break-A-Way Chest Pack



**Belt**

4200865599      3.0" Wide Black Belt





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### Batteries

Motorola Original batteries are available in a variety of chemistries and capacities, designed to work hand in hand with your 2-way radios to ensure optimised performance and safety for your business.

### Lithium Ion (Lilon)

PMNN4407	BATT IMP IP67 LIION1500M1600T
PMNN4409	BATT IMP IP67 LIION2150M2250T
NNTN8129	BATT IMP FM LI ION 2300M 2350T

### Chargers/Vehicular Accessories

Designed to work as a total system with the 2-way radio and the battery, Motorola original chargers keep your battery in tip-top condition and maximise battery life.

### impres Single Charger

impres smart charger automatically customises its operations to the user's unique charging habits. The impres charger is actually three units in one: a rapid charger, a conditioning charger and when necessary a reconditioner.

WPLN4232	IMPRES Single Unit Charger, US 2 Pin
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WPLN4233

IMPRES Single Unit Charger, UK 3 Pin



WPLN4234

IMPRES Single Unit Charger, EURO 2 Pin



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WPLN4255      IMPRES, Single Unit Charger, EUR 2pin (Switch mode)



WPLN4256      IMPRES, Single Unit Charger, ANZ 2 Pin



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WPLN4245      IMPRES Single Unit Charger, China Plug



WPLN4249      IMPRES Single Unit Charger, SMPS Korea Plug



**impres Multi Charger**

impres smart charger automatically customises its operations to the user's unique charging habits. The impres charger is actually three units in one: a rapid charger, a conditioning charger and when necessary a reconditioner.

- WPLN4212      IMPRES™ MUC, Non Display, 110-230V, US Cord
- WPLN4213      IMPRES™ MUC, Non Display, 110-230V, EU Cord
- WPLN4214      IMPRES™ MUC, Non Display, 110-230V, UK Cord
- WPLN4215      IMPRES, MUC, Non-Display, 110-230V, ANZ Cord
- WPLN4217      IMPRES™ MUC, Non-Display, 110-230V, KOREAN Plug

**Portable Radio: XiR 8600/P8608/P8620/P8628/P8660/P8668/GP328D/GP338D**

WPLN4219      IMPRES™ MUC, Display, 110-230V, US Cord



WPLN4221      IMPRES™ MUC, Display, 110-230V, UK Cord



**Portable Radio: XiR 8600/P8608/P8620/P8628/P8660/P8668/GP328D/GP338D**

WPLN4220      IMPRES™ MUC, Display, 110-230V, EU Cord



WPLN4224      IMPRES™ MUC, Display, 110-230V, KOREAN Plug



PMLN5256      IMPRES™ MUC, Display, 110-230V, JAP Cord  
RLN5382      Charger Display Module for IMPRES Multi-Unit Charger  
NLN7967      Wall Mounting Bracket



\*\* Only WPLN4213 and WLN4220 are China CMM Compliant. The rest of the Multi Unit Chargers are not CMM compliant.

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**Charger Softwares & Accessories**

- NNTN7979\*\*\* IMPRES Battery Fleet Management Software
- HKVN4039^ Software license key for Battery Fleet management Software
- NNTN7677 Multi-Unit Charger Interface Unit for IMPRES Battery Fleet Management



- NNTN8045 Single-Unit Charger Interface Unit for IMPRES Battery Fleet Management



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NNTN7392

IMPRES Battery Reader



\*\*\* NNTN7979 is a DVD containing the application software for Fleet management. With this software alone, you can only read the data information from the IMPRES batteries when connected together with the Charger Interface Units.

^ The software license key after keying into the installed fleet management software will expand the following fleet management capabilities:

- 1) Generate and print out predefined or customized reports
- 2) Upgrade to a large fleet management network consists up to the maximum of 20 personal computers