

MOTOTRBO™ RADIO ACCESSORIES PERFORMANCE THAT LIVES UP TO ITS PROMISE



MOTOTRBO™ MAKE YOUR BUSINESS MORE EFFICIENT AND BETTER CONNECTED

TRANSFORM YOUR WORKPLACE WITH DIGITAL TECHNOLOGY.

Your people are on the job, in the field, on the factory floor, moving across campus or throughout the city. Whether they're moving freight or providing security, repairing roads or restoring power lines, you need to keep them all connected, everywhere they go.

How do you equip them with technology that is easy to use? Improve their performance and increase productivity? The answer is as simple, seamless and scalable as MOTOTRBO.

Our robust, future-ready, standards-based solution is so flexible and versatile, it can be customized to fit your unique business, coverage and application needs. MOTOTRBO is the complete business-essential solution with portable radios, mobile radios, repeaters, accessories, data applications and services.



THE DIGITAL DIFFERENCE



MOTOTRBO offers a robust, standards-based solution that can be tailored to meet your unique coverage and feature needs. This versatile portfolio provides a complete system of portable radios, mobile radios, repeaters, accessories, data applications, and services – a comprehensive communication solution for your business.

MOTOTRBO offers a multitude of features and benefits. TDMA digital technology provides twice the calling capacity (as compared to analog or FDMA radios) for the price of one frequency license. Integrated voice and data capabilities support integrated applications including MOTOTRBO Text Messaging Services and an integrated GPS module is included for use with your third-party location tracking applications. Also, Motorola's Application Developer Program accommodates custom data applications so that you can adapt radios to support your specific business tasks.

And digital voice processing plus enhanced call signaling can help to assure faster and more reliable calls. Other features such as enhanced battery life, IP57 immersibility for portables, and the ability to operate in both analog and digital modes make it easy and affordable to adapt MOTOTRBO for the unique needs of your operation, and migrate to a digital two-way radio platform at your own pace.

Whether you're working in harsh conditions, noisy environments, long shifts or looking for discreet communication, MOTOTRBO accessories and batteries stand up to the task and stand out in the field. We designed and developed a complete portfolio of solutions with this exclusive, leading-edge technology. Our accessories and batteries are specially designed to perform optimally with our portable and mobile radios.

MOTOTRBO PORTABLES

XPR 6550/6580 Display Portable Radios

XPR 6350/6380 Non-Display Portable Radios

XPR 6580 I.S. CSA Display Portable Radio (sold in Canada only)

MOTOTRBO MOBILES

XPR 4550/4580 Display Mobile Radios

XPR 4350/4380 Numeric Display Mobile Radios

MOTOTRBO REPEATERS

XPR 8300/8380/8400, MTR 3000 Repeater



We created our patented IMPRES technology as an integral part of our two-way radio audio accessories, batteries and chargers. Users who rely on IMPRES Smart Audio and Smart Energy systems call them innovative and indispensable. We call IMPRES the intelligent way to communicate – offering enhanced performance and exceptional capabilities between your radio and accessories, your battery and charger, your workforce and workplace.

IMPRES SMART AUDIO ACCESSORIES

Our IMPRES Smart Audio is a Motorola-exclusive solution that provides exactly what businesses and agencies seek: two-way audio quality that's loud, clear and intelligible in digital and analog modes.

EXCEPTIONALLY CLEAR AUDIO

IMPRES audio accessories communicate with the radio to help suppress ambient noise, improve voice intelligibility and amplify loudness – even in noisy situations and difficult weather. So if you're a security officer with an IMPRES remote speaker microphone clipped to a lapel or a hospitality manager wearing an earpiece, you can carry on a conversation with clarity, simplicity and certainty.

STOP ADJUSTING VOLUME

Are your employees on surveillance and discreet conversation is expected? Trying to talk above the roar of the crowd in a stadium? When they need to speak quietly or at normal volume but not directly into the microphone, enhanced Audio Gain Capability (AGC) can make all the difference. This IMPRES feature detects changes in voice levels and automatically increases or decreases microphone gain so the receive end doesn't have to adjust volume levels repeatedly.

CUSTOMIZE TO YOUR WORKSTYLE

IMPRES accessory buttons can be programmed with "shortcuts" in addition to the programmable buttons available on your radio. You can use your accessory to access additional important features, such as private calls, with just a touch.

IMPRES SMART ENERGY SYSTEM

For the line worker on a long shift or the public works officer laboring overtime to restore power, the job stops when their radio stops operating. Our innovative IMPRES battery charging and reconditioning system streamlines and automates battery maintenance. It draws on our exclusive technology to communicate between your battery and charger to help lengthen battery life and extend talk time.

AUTOMATES BATTERY MAINTENANCE

You want to be sure you get the most out of every battery by maximizing its life. With IMPRES you can, because it automates battery maintenance. IMPRES integrates

reconditioning capability into the charger along with the means to evaluate battery usage and determine the best time to recondition it. By automating maintenance, IMPRES optimizes your battery's life.

ELIMINATES OVERCHARGING

IMPRES batteries can be left in their IMPRES chargers for extended periods without heat damage from the charger. If radios are accidentally left in the charger – overnight, over a weekend or longer – there's no worry about shortening your battery's life. Because the IMPRES charger automatically monitors battery capacity batteries are safely charged to the right capacity and always ready to go.

BETTER DATA FOR BETTER DECISIONS

IMPRES batteries store critical usage information so you don't have to. Each two-line IMPRES charger display presents key data at a glance, so you can make informed decisions about battery replacement. Data includes key information such as: actual battery capacity, time remaining to complete charging, and each battery's unique serial number. If you're operating a large fleet of batteries, IMPRES battery data reader is a valuable diagnostic tool to evaluate individual IMPRES batteries. IMPRES Battery Fleet Management collects and consolidates that data automatically, so you can quickly and easily identify when batteries need to be replaced.

EXTENDED WARRANTY

When you use MOTOTRBO™ IMPRES batteries exclusively with IMPRES chargers, you can count on an 18-month capacity warranty coverage – six months longer than Motorola standard batteries.

TESTED TOUGH AND PROVEN TOUGH

IMPRES or any other Motorola batteries are Proven Tough. Time after time, in lab test after test – for Drop, Vibration and ESD (Electrostatic Discharge) – they withstand shocks, knocks, drops and shakes and outperform the leading brands. If your radio gets banged on a ride, rattled by heavy equipment or shocked by static electricity, you can depend on IMPRES batteries to stay true and stand tough.

SPEAKER MICROPHONES

WINDPORTING REMOTE SPEAKER MICROPHONES

The windporting feature dramatically lessens background noise from high winds and other severe weather conditions. The same technology helps prevent water from clogging the microphone port and distorting transmit audio, ensuring a user's confidence of clear communication.



PMMN4024¹
Remote Speaker Microphone with 3.5mm Audio Jack (IP54)



PMMN4025¹
IMPRES Remote Speaker Microphone with 3.5mm Audio Jack and Emergency Button (IP54)



PMMN4040¹
Remote Speaker Microphone, Submersible (IP57)



PMMN4046¹
IMPRES Remote Speaker Microphone with Volume Control, Emergency and Programmable Button, Submersible (IP57)



PMMN4067²
IMPRES Remote Speaker Microphone (CSA and IP64)

NOISE-CANCELLING REMOTE SPEAKER MICROPHONE

This remote speaker microphone features a noise cancelling directional microphone which helps eliminate ambient noise and is beneficial in high noise environments. It also has a large housing for users operating with gloves or in rugged environments.



PMMN4050¹
IMPRES Remote Speaker Microphone with 3.5mm Audio Jack (IP54)

IMPRES PUBLIC SAFETY MICROPHONES (PSM)

All PSMs include an emergency button and volume control. The PSM Antenna is sold separately and are listed in the antenna section of this catalog. PSMs are not compatible with the XPR 6380 and XPR 6580.

PMMN4041¹
IMPRES Public Safety Microphone (30 inch cable) with 3.5mm Audio Jack
PMMN4042¹
IMPRES Public Safety Microphone (24 inch cable) with 3.5mm Audio Jack
PMMN4043¹
IMPRES Public Safety Microphone (18 inch cable) with 3.5mm Audio Jack



PMMN4047¹
IMPRES Public Safety Microphone (30 inch cable), Submersible (IP57)
PMMN4048¹
IMPRES Public Safety Microphone (24 inch cable), Submersible (IP57)
PMMN4049¹
IMPRES Public Safety Microphone (18 inch cable), Submersible (IP57)



RSM AND PSM ACCESSORIES

These accessories allow users to receive audio discreetly. Any of the above microphones that have a 3.5mm audio jack are compatible with the following earpieces:



AARLN4885¹
Receive-Only Covered Earbud with Coiled Cord



RLN4941¹
Receive-Only Earpiece with Translucent Tube and Rubber Eartip



WADN4190
Receive-Only Flexible Earpiece



PMLN4620¹
Receive-Only D-Shell Earpiece

¹ Intrinsically Safe: Motorola approved accessories are a critical part of the specific radio and accessory system certified by a recognized testing organization as intrinsically safe. Non-Motorola approved accessories are not certified as part of the overall Motorola MOTOTRBO System. Use of non-Motorola approved accessories could result in equipment that is unapproved or unsafe in a hazardous environment.

² PMMN4067 when connected with a XPR 6580 I.S. radio model and properly equipped with the battery NNTN7789 is certified for permitted use for Ex ib IIC T4, Class II, Groups E, F, G and Class III, and DIP A21 TA 110° C. PMMN4067 is sold in Canada only.

SURVEILLANCE AUDIO

RECEIVE-ONLY SURVEILLANCE KITS

Simple, cost-effective solution when discreet communications is needed. Privately receive messages with the earpiece.



RLN5878¹
Receive-Only Earpiece, black
RLN5879¹
Receive-Only Earpiece, beige

IMPRES 2-WIRE AND 3-WIRE SURVEILLANCE KITS

Allows you to both transmit and receive discreet communications. All kits include one programmable-button for quick and easy access to critical radio features.

2-Wire kits include one wire for receiving and one wire for the microphone. 3-Wire kits include one wire for receiving, one wire for the microphone and one wire for the push-to-talk.



RLN5880¹
IMPRES 2-Wire Surveillance Kit, black
RLN5881¹
IMPRES 2-Wire Surveillance Kit, beige



RLN5882¹
IMPRES 2-Wire Surveillance Kit with Translucent Tube, black
RLN5883¹
IMPRES 2-Wire Surveillance Kit with Translucent Tube, beige



PMLN5097¹
IMPRES 3-Wire Surveillance Kit, black
PMLN5106¹
IMPRES 3-Wire Surveillance Kit, beige



PMLN5111¹
IMPRES 3-Wire Surveillance Kit with Translucent Tube, black
PMLN5112¹
IMPRES 3-Wire Surveillance Kit with Translucent Tube, beige

NOISE KITS

Provide extra comfort and noise protection for users wearing surveillance accessories. Lightweight, translucent tube attaches to the surveillance accessory to provide flexibility and comfort, while clothing clip prevents accessory from being pulled from the ear. For optimal performance, extra loud earphones are recommended for noise kits.



RLN5886
Low Noise Kit, includes 1 clear rubber eartip. For low-noise environments (does not provide hearing protection)



RLN5887
Extreme Noise Kit, includes 2 foam earplugs. For high-noise environments (Noise Reduction = 24dB)

REPLACEMENT ACCESSORIES



5080384F72
Replacement Foam Plugs for RLN5887
Noise reduction = 24dB. Pack of 50.

CLEAR COMFORTABLE EARPICES

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 all Motorola Noise and Surveillance Kits.



RLN6282
Replacement Standard Clear Rubber Eartips. Pack of 50.

RLN4760
Small Custom Earpiece - Right Ear
RLN4761
Medium Custom Earpiece - Right Ear
RLN4762
Large Custom Earpiece - Right Ear
RLN4763
Small Custom Earpiece - Left Ear
RLN4764
Medium Custom Earpiece - Left Ear
RLN4765
Large Custom Earpiece - Left Ear



HEADSETS

IMPRES TEMPLE TRANSDUCER

This headset allows you to receive audio without covering the ear, allowing users to have their ears open to all external sounds such as warning and fire alarms, machinery and outside traffic. You can also wear hearing protection and still use this Temple Transducer since you are hearing through bone vibrations on your temple.



PMLN5101¹
IMPRES Temple Transducer with boom microphone and in-line push-to-talk button

HEAVY DUTY HEADSET

Designed for rugged use in noisy environments where hearing protection is required. This dual-muff headset includes flexible noise-canceling boom microphone with a push-to-talk switch located on the earcup. This can be worn with or without a helmet.



PMLN5275¹
Heavy Duty Headset,
Noise Reduction = 24dB

LIGHTWEIGHT HEADSET

Provides high-clarity, hands-free discreet two-way communication, while maintaining the comfort necessary for extended wear in moderate noise environments. This single-muff adjustable headset comes with rotating boom microphone for left or right positioning. Includes an in-line push-to-talk button.



RMN5058¹
Lightweight Headset, over-the-head, single-muff with in-line push-to-talk



PMLN5102¹
Ultra-Lite Headset, Behind-the-Head Single-Muff, Adjustable with In-Line push-to-talk



PMLN5096¹
D-Style Earset with In-Line push-to-talk

OPERATIONS CRITICAL WIRELESS

Ruggedly reliable and Bluetooth® compatible, our progressive portfolio ranges from lightweight, high-performing earpieces to a wireless push-to-talk (PTT) you can put in a pocket and link to any earpiece.



PMLN5712
Operations Critical Wireless Adapter. Must be attached to the MOTOTRBO Accessory connector to operate a wireless accessory.



NNTN8125
Operations Critical Wireless Earpiece with 12 inch cable. Includes micro USB charger.



NNTN8126
Operations Critical Wireless Earpiece with 9.5 inch cable. Includes micro USB charger.



89409N
HK200 Bluetooth Earpiece



NNTN8127
Wireless Push-to-Talk Pod. This pod is compatible with any wireless Bluetooth headset and provides wireless Push-to-Talk functionality. Also comes with a micro USB charger.



NTN2572
Replacement Wireless Earpiece, 12 inch cable

¹ Intrinsically Safe: Motorola approved accessories are a critical part of the specific radio and accessory system certified by a recognized testing organization as intrinsically safe. Non-Motorola approved accessories are not certified as part of the overall Motorola MOTOTRBO System. Use of non-Motorola approved accessories could result in equipment that is unapproved or unsafe in a hazardous environment.

HEADSETS



NTN2575
Replacement Wireless Earpiece, 9.5 Inch Cord

IMPRES EAR MICROPHONE

Lightweight earpiece that picks up sound through bone vibration. A built-in bone conduction microphone and receiver eliminate the need for a boom microphone. A programmable button is available for quick access to radio features.



PMLN5653
IMPRES Ear Microphone with large protected ring around push-to-talk

CARRY ACCESSORIES

CARRY CASES

Carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly. Belt loop and nylon cases feature "D" rings that allow the cases to be attached to a carrying strap. Swivel model cases secure to a belt loop and allow the case to swing 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 the case and lifting it up and out of the belt loop.

MOTOTRBO WITH DISPLAY



PMLN5015
Nylon Case with 3 Inch Fixed Belt Loop



PMLN5021
Hard Leather Case with 3 Inch Fixed Belt Loop

NON-DISPLAY MOTOTRBO



PMLN5019
Hard Leather Case with 2.5 Inch Swivel Belt Loop
PMLN5020
Hard Leather Case with 3 Inch Swivel Belt Loop



PMLN5024
Nylon case with 3 Inch fixed belt loop



PMLN5030
Hard Leather Case with 3 Inch Fixed Belt Loop

MOTOTRBO CSA CARRYING CASES



PMLN5028
Hard Leather Case with 2.5 Inch Swivel Belt Loop
PMLN5029
Hard Leather Case with 3 Inch Swivel Belt Loop



PMLN5606²
Hard Leather Case with 3 Inch Swivel Belt Loop for Display Models



PMLN5607²
Soft Leather Case with 3 Inch Swivel Belt Loop for Display Models

CARRY ACCESSORIES

BELT LOOPS AND BELTS



PMLN5022
2.5 Inch Leather Swivel Belt Loop



PMLN5023
3 Inch Leather Swivel Belt Loop



PMLN5610²
2.5 Inch Leather Swivel Belt Loop (CSA)



4200865599
1.75 Inch Wide Leather Belt

BELT CLIPS



PMLN4651
Spring Action 2 Inch Belt Clip



PMLN4652
Spring Action 2.5 Inch Belt Clip



PMLN5134²
Spring Action 2.5 Inch Belt Clip (CSA)



NTN5243
Adjustable, Black Nylon Carrying Strap.
Attaches to D-ring on cases.

WATERPROOF BAG AND MORE



HLN9985
Waterproof Bag with Large Strap



RLN4295
Small Clip, Epaulet Strap

CARRY PACKS

UNIVERSAL CHEST PACK

Motorola Original Universal Chest Pack protects the radio and provides the freedom from holding it during standby communication mode. The Motorola Universal Chest Pack fits any radio.



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



1505596Z02
Replacement Strap for HLN6602 and
RLN4570

BREAK-AWAY CHEST PACK

All the features of the original Universal Chest Pack (HLN6602) plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure.



RLN4570
Break-a-Way Chest Pack with Radio Holder,
Pen Holder and Velcro Secured Pouch

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² Carry Cases PMLN5606, PMLN5608, PMLN5607 and PMLN5609 when used with a XPR 6580 I.S. radio model and properly equipped with the battery NNTN7789 is certified for permitted use for Ex ib IIC T4, Class II, Groups E, F, G and Class III, and DIP A21 TA 110° C. These carry cases are sold in Canada only.

CARRY PACKS

RADIOPAK™

The RadioPAK is lightweight and comfortable. Worn around the waist, it keeps radios and phones at hand. It features a separate 6 x 8 inch zippered pouch for other on-the-job necessities. Adjustable woven nylon belt fits both men and women.



RLN4815
RadioPAK Radio Utility Case



4280384F89
RadioPAK Extension Belt for waists larger than 40 inches

BATTERIES

IMPRES BATTERIES

You want to be sure to get the most out of every battery by maximizing its life. With IMPRES you can, because it automates battery reconditioning, adapting the intervals to each battery's usage pattern.



PMNN4066
IMPRES Li-Ion 1500 mAh, Submersible Battery - IP57 Rating



PMNN4069¹
IMPRES Li-Ion 1400 mAh, Submersible Battery - IP57 Rating, Intrinsically Safe (FM)



PMNN4077
IMPRES Li-Ion 2150 mAh, Submersible Battery - IP57 Rating



NNTN7789²
IMPRES Li-Ion 1750 mAh Submersible Battery - IP57 Rating, Intrinsically Safe (CSA)

MOTOROLA ORIGINAL BATTERY

This battery is ruggedly designed for lasting durability and is system tested with Motorola two-way radios to ensure optimum performance. NiMH chemistry offers an attractive combination of capacity, weight and cost.



PMNN4065
NiMH 1300 mAh, Submersible Battery - IP57 Rating

CHARGERS

IMPRES CHARGERS

This smart energy system automatically reconditions IMPRES batteries based on actual usage, keeping them in peak condition. Talk-time and cycle life are optimized and the need for manual maintenance programs is eliminated. Its advanced conditioning features allow batteries to be safely left on the charger for extended periods of time without incurring damaging heat build-up which can decrease battery cycle life. In addition, batteries left in the charger are kept fully charged so they are always ready when needed. This rapid-rate, tri-chemistry charging system will also charge compatible non-IMPRES batteries.



WPLN4232
IMPRES Single-Unit Charger, 120 Volt



WPLN4212
IMPRES Multi-Unit Charger, 120 Volt



NLN7967
Wall Mount for Multi-Unit Chargers

IMPRES MULTI-UNIT CHARGER WITH DISPLAY

Charger Displays provide powerful, "real time" information for IMPRES batteries, including current charge status, battery mAh, and voltage. Readout displays battery kit number, serial number and chemistry. 120 Volt.



WPLN4219
IMPRES Multi-Unit Charger with Displays

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² XPR 6580 I.S. radio models, when properly equipped with the battery NNTN7789 are certified for permitted use for Ex ib IIC T4, Class II, Groups E, F, G, and Class III, and DIP A21 TA 110° C. This battery is sold in Canada only.

CHARGERS

IMPRES INDIVIDUAL CHARGER DISPLAY MODULE

This module is compatible with the standard IMPRES Multi-Unit Chargers. Up to 6 modules can be used per charger, one for each charging pocket. Includes detailed installation instructions.



RLN5382
Display Module for IMPRES Multi-Unit Charger (WPLN4212)

IMPRES COMPATIBLE VEHICULAR CHARGER

This charger has a full IMPRES charger to battery communication capability. This ensures continuity of IMPRES battery charge data logging in a vehicular environment, so the IMPRES battery will receive adaptive automatic reconditioning and will qualify for the 6-month capacity warranty extension.



NNTN7616
IMPRES Compatible Vehicular Charger

MOTOROLA TRAVEL CHARGER

Its small compact design allows the radio to be used while rapid charging in the charger base. Unit includes a voltage regulated vehicular charger adapter, custom charger base, mounting bracket and coil cord.



RLN6433
Motorola Travel Charger

IMPRES BATTERY FLEET MANAGEMENT SOFTWARE

The industry exclusive IMPRES Battery Fleet Management software remotely downloads key IMPRES battery data through existing IMPRES chargers for more effective management of the IMPRES battery and charger fleet. These reports provide key battery and charger data such as when IMPRES batteries are nearing end of life, identifying lost batteries and ensuring IMPRES chargers are appropriately distributed and use is maximized.



NNTN7676
IMPRES Battery Fleet Management Software

NNTN7677

Multi-Unit Charger Interface Unit, attaches to an APX, XTS, MOTOTRBO and Professional Series IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to IMPRES Battery Fleet Management.



NNTN8045

Single-Unit Charger Interface Unit, attaches to an APX, MOTOTRBO and Professional Series IMPRES single-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to the IMPRES Battery Fleet Management.



IMPRES BATTERY READER

The industry exclusive IMPRES Battery Reader provides IMPRES battery users the ability to access charging, reconditioning and key usage data that can affect overall battery performance. By keeping batteries in peak condition, talk time and cycle life are optimized, reducing battery replacement. Package includes IMPRES Battery Reader (fits XTS batteries), System Software, USB Cord, Adapter inserts for APX, MOTOTRBO and Professional Series radios.



NNTN7392
IMPRES Battery Reader

PORTABLE ANTENNAS

COMBINATION GPS/ UHF ANTENNAS

Optimum length antenna designed for higher gain to maximize range. This rugged, capless design provides maximum flexibility and built in capability to operate at GPS frequencies.

PMAE4018¹

Combination GPS/UHF - 403-433 MHz,
14 cm Folded Monopole

PMAE4024¹

Combination GPS/UHF - 430-470 MHz,
14 cm Folded Monopole

PMAE4050¹

Combination GPS/UHF - 450-495 MHz,
14 cm Folded Monopole

PMAE4051¹

Combination GPS/UHF - 495-527 MHz,
14 cm Folded Monopole



COMBINATION GPS/ VHF ANTENNAS

PMAD4067¹

Combination GPS/VHF - 136-147
MHz, 17 cm Helical

PMAD4068¹

Combination GPS/VHF - 147-160
MHz, 17 cm Helical

PMAD4069¹

Combination GPS/VHF - 160-174
MHz, 17 cm Helical

COMBINATION GPS 800/900 MHZ ANTENNA

PMAF4003¹

Combination GPS 800/900 MHz -
806-941 MHz, 18 cm, Helical



FLEXIBLE WHIP ANTENNAS

Flexible Whip Antennas have a one-piece finish, steel core, and spiral wound conductor for optimal radiation characteristics.

PMAE4022¹

UHF - 403-470 MHz, 16 cm Flexible
Whip

PMAE4049¹

UHF - 450-527 MHz, 16 cm Flexible
Whip

PMAD4088¹

VHF - 136-174 MHz, 21 cm Wideband



STUBBY ANTENNAS

Stubby antennas are ideal when the radio is worn on the belt because they are short and non-obtrusive. These rugged, helical antennas feature a capless sheath that allows for maximum flexibility.

PMAE4021¹

Combination GPS/UHF - 403-433
MHz, 9 cm Stubby

PMAE4023¹

Combination GPS/UHF - 430-470
MHz, 9 cm Stubby

PMAE4048^{1,2}

Combination GPS/UHF - 450-527
MHz, 9 cm Stubby

PMAD4093¹

VHF - 136-147 MHz, 11 cm Stubby

PMAD4094¹

VHF - 147-160 MHz, 11 cm Stubby

PMAD4095¹

VHF - 160-174 MHz, 11 cm Stubby



PUBLIC SAFETY MICROPHONE ANTENNAS

One of the following antennas must be purchased with Public Safety Microphones.

PMAE4046¹

UHF - 403-433 MHz, 9 cm PSM
Stubby

PMAE4047¹

UHF - 430-470 MHz, 9 cm PSM
Stubby

PMAD4086¹

VHF - 150-174 MHz, 16 cm PSM

PMAD4087¹

VHF - 136-153 MHz, 16 cm PSM



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² Also a Public Safety Microphone antenna.

MOBILE AUDIO

STANDARD COMPACT MICROPHONE

Standard Compact Microphone provides basic push-to-talk functionality and ships with all MOTOTRBO mobile radios.



RMN5052
Standard Compact Microphone

IMPRES KEYPAD MICROPHONE

IMPRES Keypad Microphone includes a full keypad that enables you to dial phone numbers from the microphone, also has three customizable buttons that can be programmed with any of the control head features, allowing the user to navigate radio menus from the microphone.



RMN5065
IMPRES Keypad Microphone

IMPRES HEAVY-DUTY MICROPHONE

Heavy-Duty Microphone for users who want more durability, also ideal for those who need a larger microphone that is easier to handle when wearing gloves.



RMN5053
IMPRES Heavy-Duty Microphone

IMPRES TELEPHONE STYLE HANDSET

This Telephone Style handset provides a flexible, discreet option when using the mobile for private conversations in a vehicular environment. Includes a full keypad that enables you to dial phone numbers or send text messages.



HMN4098
IMPRES Telephone Style Handset

MOBILE MICROPHONE ACCESSORIES

MICROPHONE EXTENSION CABLES



PMKN4033
10-foot Mobile Microphone Extension Cable
PMKN4034
20-foot Mobile Microphone Extension Cable

MICROPHONE HANG-UP CLIPS



HLN9073
Microphone Hang-Up Clip



HLN9414
Universal Microphone Hang-Up Clip

HANDS-FREE ACCESSORIES

IMPRES VISOR MICROPHONE

Add even more convenience and safety with the IMPRES Visor Microphone and its compatible hands-free transmission options. Small microphone mounts to vehicle's visor for convenient hands-free radio operation. Use with choice of external push-to-talk switch.



RMN5054
IMPRES Visor Microphone

EXTERNAL PTT ACCESSORIES

RLN5926

Pushbutton with Push-to-Talk. Can be held in the hand, or mounted to the vehicle with touch fasteners.



RLN5929

Emergency Footswitch



CONTROL STATION AND MOUNTING

CONTROL STATION ACCESSORIES

These control station accessories allow you to convert MOTOTRBO mobile two-way radios into convenient base stations.

RMN5050

Desktop Microphone. Black. Makes transmission easier for base station users, as the mobile microphone does not always have to be picked up. Large push-to-talk button.



POWER ACCESSORIES



GLN7318

Desktop Tray without Speaker. Ideal for securing mobile in place in a desktop environment.



RSN4005

Desktop Tray with Speaker. Ideal for securing mobile in place in a desktop environment. Includes speaker for increased volume when receiving calls in high-noise areas.



HKN9088

Adapter Cable for Control Station



HPN4007

Power Supply, 25-60W, for low power radios. Power cord included.



GPN6145

Switchmode Power Supply, 1-25W has provision for back-up battery hook-up.



GKN6266

Power Supply Cable
Power Cable for Switchmode
Power Supply GPN6145

EXTERNAL LOUD SPEAKERS



RSN4002

13W External Speaker



RSN4003

7.5W External Speaker

RSN4004

5W External Speaker

MOUNTING BRACKETS

Mobile radios are most often installed on the dash of a vehicle, and can run off its power source.



RLN6077

Low Profile Trunnion Kit. Keeps radio tucked up under dash, can also be positioned for floor mount.



RLN6078

High Profile Trunnion Kit. Under dash mount, with extra clearance so radio can be tilted for a better view. Can also be used for floor mounting.



RLN6079

Key Lock Trunnion Kit. Key lock helps provide extra protection from theft. Lock/unlock radio from position in the mounting bracket.

DIRECT IN DASHBOARD MOUNTING KIT

Ideal if you prefer to mount the radio directly into the dash-board for a better appearance, or to keep it from being an obstruction in the vehicle.



RLN5933

In Dash Mounting Kit - DIN

REMOTE MOUNTING ACCESSORIES

Remote mounting capabilities allow you to save cabin space or hide the mobile power supply in the trunk.



PMLN5404

MOTOTRBO Mobile Remote Mount Adaptor Kit. For in-trunk installation, may also require HKN4192. 20 inch radio power cable. Remote Mount cable also required (PMKN4074 or PMKN4073).

CONTROL STATION AND MOUNTING

PMKN4073

MOTOTRBO Mobile Remote Mount 5
Meter Cable Kit

PMKN4074

MOTOTRBO Mobile Remote Mount 3
Meter Cable Kit



PMKN4018

Mobile Rear Accessory Connector Universal
Cable

CABLES TO BATTERY

Cables used to connect the battery to
the radio chassis.



HKN4137

Power Cable to Battery 10 foot, 15 amp

HKN4192

Power Cable to Battery 20 foot, 20 amp



RKN4136

Ignition Sense Cable



MOBILE ANTENNAS

WIDE AREA THROUGH-HOLE MOUNT ANTENNAS

These through-hole mount antennas are designed to direct the signal more towards the horizon, making them ideal for applications in more geographically flat regions where signal coverage is sparse and must cover a larger area.

UHF

HAE4010

406-420 MHz, 3.5dB Gain

HAE4011

450-470 MHz, 3.5dB Gain

HAE4012

470-494 MHz, 3.5dB Gain

HAE4013

494-512 MHz, 3.5dB Gain

RAE4004

445-470 MHz, 5dB Gain



800/900 MHZ

RAE4163ARB

410-430 MHz, Stubby

RAE4164ARB

430-450 MHz, Stubby

RAE4168ARB

450-470 MHz, Stubby

RAE4166ARB

470-490 MHz, Stubby



HAF4026

806-941 MHz, 3dB Gain



HAF4013

806-941 MHz, Stubby



HAF4027

806-941 MHz, 5dB Gain



URBAN THROUGH-HOLE MOUNT ANTENNAS

The signals for these through-hole mount antennas radiate vertically, making them ideal for urban environments where buildings can obstruct the signal.

UHF

HAE4002

403-430 MHz, 1/4 Wave

HAE4003

450-470 MHz, 1/4 Wave

HAE4004

470-527 MHz, 1/4 Wave



VHF

HAD4006

136-144 MHz, 1/4 Wave

HAD4007

146-150.8 MHz, 1/4 Wave

HAD4008

150.8-162 MHz, 1/4 Wave

HAD4009

162-174 MHz, 1/4 Wave



800/900 MHZ

HAF4025

806-941 MHz, 1/4 Wave



GPS ACTIVE ANTENNAS

The following antennas are intended for users who have existing mobile antennas and need to add GPS capability.



PMAN4000

Fixed Mount GPS Active Antenna. Discreet stand-alone GPS antenna has a semi-permanent mount easily assembled with minimal tools to vehicle roof or trunk.



PMAN4001

Glass Mount GPS Active Antenna



PMAN4002

Magnetic Mount GPS Active Antenna. Discreet stand-alone GPS antenna can be mounted either magnetically, via screw or tape to vehicle roof or trunk.

MOBILE ANTENNAS

COMBINATION GPS ANTENNAS

The following through-hole mount antennas combine UHF or VHF and GPS capability. This combination antenna design with Mini U connector provides GPS tracking coverage and voice/data wireless capabilities for fleet monitoring or tracking applications.



COMBINATION GPS/UHF

- PM4E4030**
GPS/UHF - 403-430 MHz, 1/4 Wave
- PM4E4032**
GPS/UHF - 406-420 MHz, 3.5dB Gain
- PM4E4031**
GPS/UHF - 450-470 MHz, 1/4 Wave
- PM4E4033¹**
GPS/UHF - 450-470 MHz, 3.5dB Gain
- PM4E4034**
GPS/UHF - 450-470 MHz, 5dB Gain

COMBINATION GPS/VHF

- HAE6019**
GPS/UHF - 403-527 MHz, 2dB Gain
- HAE6020**
GPS/UHF - 470-527 MHz, 1/4 Wave
- HAE6024**
GPS/UHF - 470-494 MHz, 3.5dB Gain
- HAE6026**
GPS/UHF - 494-512 MHz, 3.5dB Gain

- RAD4214**
GPS/VHF - 136-144 MHz, 1/4 Wave
- RAD4215**
GPS/VHF - 146-150.8 MHz, 1/4 Wave
- RAD4216**
GPS/VHF - 150.8-162 MHz, 1/4 Wave
- RAD4217**
GPS/VHF - 162-174 MHz, 1/4 Wave
- RAD4218**
GPS/VHF - 146-172 MHz, 3dB Gain

COMBINATION GPS/800/900 MHZ

- HAF4029**
GPS/800/900 MHz - 806-941 MHz, 1/4 Wave
- HAF4030**
GPS/800/900 MHz - 806-941 MHz, 3dB Gain
- HAF4032**
GPS/800/900 MHz - 806-941 MHz, Stubby
- HAF4033**
GPS/800/900 MHz - 806-941 MHz, 5dB Gain

REPEATER ACCESSORIES

DUPLEXERS

- HFD8188**
VHF - Untuned Duplexer, 144-155 MHz
- HFD8189**
VHF - Untuned Duplexer, 155-162 MHz
- HFD8190**
VHF - Untuned Duplexer, 162-174 MHz
- HFD8465**
VHF - Tuned Duplexer, 150-160 MHz
- HFE8400**
UHF - Untuned Duplexer, 406-450 MHz
- RFE4000**
UHF - Untuned Duplexer, 450-470 MHz
- TDE7780**
UHF - Tuned Duplexer, 450-470 MHz
- HFE8401**
UHF - Untuned Duplexer 470-490 MHz

- HFE8454**
UHF - Untuned Duplexer 490-512 MHz
- DSTRB0650WDUPLXR**
800/900 MHz Untuned Duplexer 806-941 MHz



DUPLEXER ACCESSORIES

- 0112004B04**
N Type Male to N Type Male Duplexer Cable - 24 Inch
- 0112004U04**
N Type Male to BNC Male Duplexer Cable - 24 Inch
- 3082081X01**
Right angle N-type male to straight n-type male 30" cable to connect 100W power amplifier to external duplexer or preselector



- PMLE4548**
Rack-Mount Duplexer/Filter Enclosure Kit

UNTUNED DUPLEXERS

For use with 100 Watt power amplifiers.

- 0185417U01**
VHF Duplexer, 132-146 MHz (5 MHz separation RX or TX) - 110W
- 0185417U02**
VHF Duplexer, 144-160 MHz (5 MHz separation RX or TX) - 110W
- 0185417U03**
VHF Duplexer, 158-174 MHz (5 MHz separation RX or TX) - 110W

- 0185417U04**
UHF Duplexer, 403-440 MHz (5 MHz separation RX or TX) - 110W
- 0185417U05**
UHF Duplexer, 435-470 MHz (5 MHz separation RX or TX) - 110W
- 0185417U06**
UHF Duplexer, 470-490 MHz (5 MHz separation RX or TX) - 110W
- 0185417U07**
UHF Duplexer, 490-512 MHz (5 MHz separation RX or TX) - 110W

¹ Antenna not ideal for roof-mounted use.

REPEATER ACCESSORIES

ANTENNAS

RDE4556

UHF - 3.8dB Gain Antenna

RDD4527

VHF - 136-144 MHz 1/4 Wave Antenna

RDE4555

UHF - 3.8dB Gain Antenna, 470-488 MHz

RDE4557

UHF - 3.8dB Gain Antenna, 403-420 MHz

DSTRB0800ANTSC420

800 MHz - 7.5dB Gain Antenna,
806-869 MHz

DSTRB0900ANTSC420

900 MHz - 7.5dB Gain Antenna,
896-941 MHz

CIRCULATOR

HFF4003

810-960 MHz Circulator, 18 dB min
insulation, 100W max power handling



PRESELECTOR

HFE8459

UHF Preselector, 440-474 MHz

HFD8461

VHF Preselector, 144-160 MHz

HFD8462

VHF Preselector, 160-174 MHz

HFE8460

UHF Preselector, 474-527 MHz



DSTRB0350WPRESEL

800/900 MHz Preselector, 806-960 MHz

100 WATT POWER AMPLIFIERS

DSP1020MOVCS

P10 Series Amplifier, 136-174 MHz,
20-50W Input, 100W Output

DSP1020MOUC5

P10 Series Amplifier, 406-512 MHz,
20-50W Input, 100W Output

DSP1515MOJKC6

P15 Series Amplifier, 764-870 MHz,
15-25W Input, 150W Output

DSP1520MOJKC6

P15 Series Amplifier, 764-870 MHz,
20-50W Input, 150W Output

DSP1515MOLC6

P15 Series Amplifier, 928-942 MHz,
15-25W Input, 150W Output

DSP1520MOLC6

P15 Series Amplifier, 928-942 MHz,
20-50W Input, 150W Output

R1684 RM60M

Astron Power Supply, 50A Continuous,
55A ICS

R1685 RM50M

Astron Power Supply, 37A Continuous,
50A ICS

RDN9900

DPS-30 Duracomm, Filtered Power Supply,
30A Max



The following 100W Amplifiers include an
integrated 110W Power Supply

DSP1020MOVPS

P10 Series, C5 Amplifier, 136-174 MHz,
20-50W Input, 100W Output

DSP1020MOUPS

P10 Series, C5 Amplifier, 406-512 MHz,
20-50W Input, 100W Output

DSP1020MOJKPS

P10 Series, C5 Amplifier, 764-870 MHz,
20-50W Input, 80W Output

DSP1020MOLPS

P10 Series, C5 Amplifier, 928-942 MHz,
20-50W Input, 75W Output

MOUNTING



PMLE4476

Wall Mount Kit for XPR 8300



PMLN5072

Hardware Kit for Rear Accessory Connector



HK9088

Mobile Mini U Antenna Adapter with
8 Foot Cable

REPEATER ACCESSORIES

LIGHTNING PROTECTION ACCESSORIES

RRX4025

Lightning Arrestor

RRX4032

Tower Mounting Hardware

RRX4038

Surge Suppressor



MISCELLANEOUS

RKN4152

Battery Back-up Cable



3087791G01

120V AC Line Cord



PMKN4010

Mobile and Repeater Rear Accessory Programming Cable

PMKN4016

Mobile and Repeater Rear Programming, Test and Alignment Cable



For more information on how to make your business more efficient
and better connected, visit www.motorola.com/mototrbo

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