

ACCESSORIES AND BATTERIES

MOTOTRBO™ System

Portable / Mobile and Repeater





MOTOTRBO System

Motorola Original® Accessories let you make the most of your MOTOTRBO system's capabilities.

You made a sound business decision when you chose your Motorola MOTOTRBO professional digital two-way radio. When you choose performance-matched Motorola Original® accessories, you're making another good call.

That's because every Motorola Original® accessory is designed, built and rigorously tested to the same quality standards as Motorola radios. So you can be sure that each will be ready to do its job, time after time — helping to increase your productivity. After all, if you take a chance on a mismatched battery, a flimsy headset, or an ill-fitting carry case, your radio may not perform at the moment you have to use it.

We're pleased to bring you this collection of proven Motorola Original® accessories for your important business communication needs. You'll find remote speaker microphones for more convenient control. Discreet earpiece systems to help ensure privacy and aid surveillance. Carry cases for ease when on the move. A headset for hands-free operation. Premium batteries to extend work time, and more. They're all ready to help you work smarter, harder and with greater confidence.

*RMN5058
Lightweight Headset*



MOTOTRBO Professional Digital Two-Way Radio Systems provide expanded digital voice, data and control capabilities so you can support more users in more ways.

MOTOTRBO PROFESSIONAL DIGITAL TWO-WAY RADIOS

MOTOTRBO systems combine the best in two-way radio with digital technology to deliver improved capacity, higher productivity, lower costs, faster response times and improved reliability. That means more capabilities — and more value to you.

TDMA digital technology provides twice the calling capacity, and half the repeater costs. Integrated voice and data supports text messaging, GPS location services and more. And digital voice processing plus enhanced call signaling assures faster and more reliable calls. Dual analog and digital mode repeater, mobile and portable units, data applications, accessories and services 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.

Table of Contents

MOTOTRBO Radios	1
New Audio Accessory Connector	2
Microphones and Accessories	3
Surveillance Kits and Noise Kits	4
Lightweight Headsets	5
Carry Cases and Accessories	6-7
Batteries and Antennas	8
IMPRES™ Smart Energy System	9
Mobile Microphones and Handsets	10
Control Station Accessories	11
Mobile Mounting and Antennas	12
Repeater Accessories	13

MOTOTRBO PORTABLES

DGPT™ 4150 / DGPT™ 4150+ Non-Display Portable Radios
DGPT™ 6150 / DGPT™ 6150+ Display Portable Radios

MOTOTRBO MOBILES

DGM™ 4100 / DGM™ 4100+ Numeric Display Mobile Radios
DGM™ 6100 / DGM™ 6100+ Alphanumeric Display Mobile Radios

MOTOTRBO REPEATER

DGR™ 6175 Repeater





MOTOTRBO System

audio

Audio Accessory Connector enables Enhanced Performance and Capabilities

Motorola digital technology enables breakthrough radio performance and features. And our audio connector means MOTOTRBO accessories can offer users enhanced performance and capabilities, both in analog and digital modes - now and into the future.

IMPRES Smart Audio System

- Motorola's state-of-the-art IMPRES technology allows communication between the radio and the audio accessory. The result is optimal audio performance and increased customization assuring the highest quality communication.

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

Customization: Accessory programmable buttons can be programmed to any feature available in the radio CPS, rather than being linked to the radio's programming. This allows accessories with programmable buttons to have independent programmed features. The radio can be customized to fit specific user applications and needs.

Enhanced Audio Gain Capability: IMPRES audio accessories have significantly advanced audio gain capability. When a user is either speaking quietly or is speaking in a normal volume but not directly into the microphone, IMPRES audio can detect the condition and will automatically increase the gain such that the person on the receiving end hears a clear transmission.

Submersibility

- The connector design meets IP57 submersibility requirements. This allows for use with accessories, such as the submersible remote speaker microphone, which provide reliable communications even in wet conditions.

Built-in Antenna Signal

- The portable connector design incorporates the antenna signal within the audio connector, which allows for easy use of accessories that require an antenna signal, such as public safety microphones.

Future Applications

- The portable connector design also incorporates built-in USB capability to allow for the use of USB-capable accessories. Future accessory development will be based upon this connector interface, so users will be able to take advantage of future releases of audio accessories.



Audio Accessory Connector with advanced interface lets the radio and accessory communicate to help optimize speaker and microphone performance.

Remote Speaker and Public Safety Microphones:

These microphones boast a revolutionary windporting feature that helps lessen background noise coming from high winds and other severe weather conditions.

Windporting Remote Speaker Microphones

These remote speaker microphones boast a revolutionary windporting feature that helps lessen background noise from high winds and other severe weather conditions. Audio can pass through the speaker grill even when the microphone port is blocked by water. Now public safety professionals can be more confident than ever of clear, understandable communication when Mother Nature is uncooperative.

Coiled cord with new audio accessory connector allows talking and listening without removal from belt or case. Includes Push-to-Talk button, swivel clip and quick disconnect latch.

- PMMN4024* Remote Speaker Microphone with 3.5mm Audio Jack
- PMMN4025* IMPRES Remote Speaker Microphone with 3.5mm Audio Jack
- PMMN4040* Remote Speaker Microphone Submersible. (IP57)
- PMNN4046* IMPRES Remote Speaker Microphone with volume control, emergency * programmable button, submersible (IP57)

Accessories for Remote Speaker Microphones and Public Safety Microphones

An earphone jack located on the microphone head allows the user to receive audio when used with the following earpieces. Compatible with PMMN4024, PMMN4025, PMMN4041, PMMN4042, and PMMN4043. Features 3.5mm earjack. For UHF band only.

- AARLN4885* Receive-Only Covered Earbud with Coiled Cord
- RLN4941* Receive-Only Earpiece with Translucent Tube and Rubber Eartip
- WADN4190* Receive-Only Flexible Earpiece
- PMLN4620* D-Shell Receive-Only Earpiece

IMPRES Public Safety Microphones

The newly designed IMPRES Public Safety Microphones feature a straight cord assembly, 3.5mm earjack, swivel clip, quick disconnect latch, antenna connector and receive audio high/low toggle switch. For UHF band only.

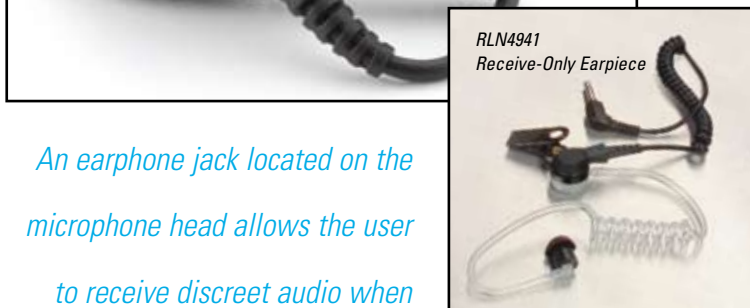
- PMMN4041* IMPRES Public Safety Microphone with 30 Inch Straight Cord. Includes 450-470 MHz antenna.
- PMMN4042* IMPRES Public Safety Microphone with 24 Inch Straight Cord Includes 148-174 MHz antenna.
- PMMN4043* IMPRES Public Safety Microphone with 18 Inch Straight Cord Includes 450-470 MHz antenna.
- PMNN4047* IMPRES Public Safety Microphone (30 inch cable) Submersible (IP57)
- PMNN4048* IMPRES Public Safety Microphone (24 inch cable) Submersible (IP57)
- PMNN4049* IMPRES Public Safety Microphone (18 inch cable) Submersible (IP57)

*Intrinsically Safe (FM).



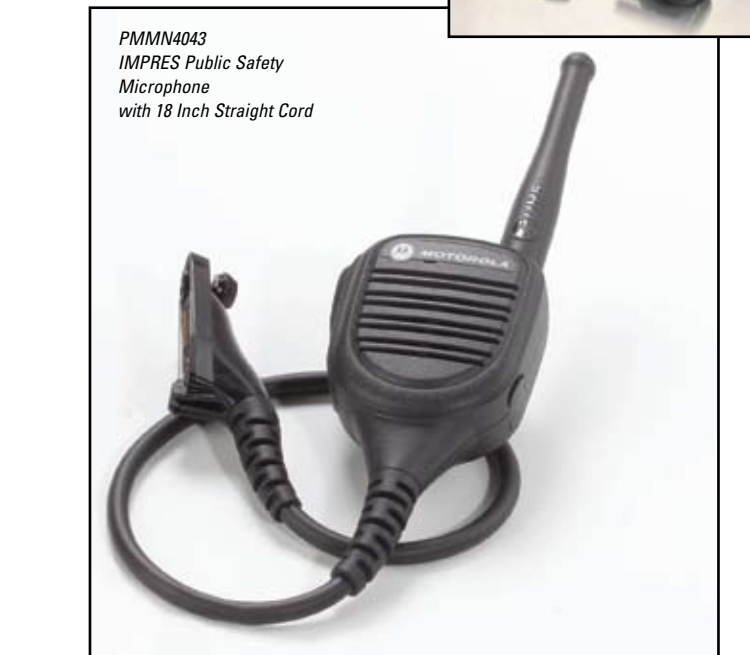
PMMN4025
IMPRES Remote Speaker Microphone with 3.5mm Audio Jack

AARLN4885
Receive-Only Covered Earbud



RLN4941
Receive-Only Earpiece

An earphone jack located on the microphone head allows the user to receive discreet audio when used with the earpieces shown here.



PMMN4043
IMPRES Public Safety Microphone with 18 Inch Straight Cord



WADN4190
Receive-Only Flexible Earpiece



MOTOTRBO System

surveillance and audio

Surveillance Kits

Surveillance accessories allow the radio user to privately receive messages with the earpiece. They are ideal when environments require discreet communication.

1 - WIRE SURVEILLANCE KITS

- RLN5878* Receive-Only Earpiece (Black).
- RLN5879* Receive-Only Earpiece (Beige).

2 - WIRE SURVEILLANCE KITS

- RLN5880* IMPRES Surveillance Kit (Black).
- RLN5881* IMPRES Surveillance Kit (Beige).
- RLN5882* IMPRES Surveillance Kit with Translucent Tube (Black).
- RLN5883* IMPRES Surveillance Kit with Translucent Tube (Beige).

3 - WIRE SURVEILLANCE KITS

- PMLN5097* IMPRES Surveillance Kit (Black).
- PMLN5106* IMPRES Surveillance Kit (Beige).
- PMLN5111* IMPRES Surveillance Kit with Translucent Tube (Black).
- PMLN5112* IMPRES Surveillance Kit with Translucent Tube (Beige).

Noise Kits

Extreme Noise Kits provide extra comfort and/or noise protection for users wearing surveillance accessories. Lightweight, translucent tube attaches to Motorola surveillance accessories to provide flexibility and comfort. Clothing clip prevents accessory from being pulled from the ear due to body movement or head rotation. For optimal performance, Extra Loud Earphones are recommended for Noise Kits.

- RLN5887 Extreme Noise Kit.
Includes 2 foam earplugs. For high-noise environments. Noise reduction = 24dB.
Can be used with Clear Comfortable Earpieces.
- RLN5886 Low Noise Kit.
Clear Acoustic Tube Assembly. Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection (Black).

REPLACEMENT ACCESSORIES

- 5080384F72 Replacement Foam Plugs. For RLN5887.
Noise reduction = 24dB (Pack of 50).
- RLN6282 Replacement Standard Clear Rubber Eartips (Pack of 50).

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 all Motorola Noise and Surveillance Kits.

- 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

*Intrinsically Safe (FM).

RLN5880
IMPRES Surveillance Kit



RLN5887
Extreme Noise Kit



RLN5886
Low Noise Kit



From left to right,
top to bottom:

- RLN4765
- RLN4762
- RLN4764
- RLN4761
- RLN4763
- RLN4760

Lightweight Headsets:

These audio accessories are designed for front line personnel and coordinators where projecting a professional image is as important as reliable, seamless communication.



Lightweight Headsets

Lightweight headsets provide high-clarity, hands free, discreet two-way communication, while maintaining the comfort necessary for extended-wear in moderate noise environments.

RMN5058*	Lightweight Headset Single-Muff, Adjustable, with Boom Microphone, In-Line PTT Switch
PMLN5102*	Ultra-Lite Headset
PMLN5096*	D-Style Earset
PMLN5101*	IMPRES Temple Transducer



Heavy Duty Headset

Includes a Noise-Cancelling Boom Microphone and can be worn with or without a hardhat. The Push-to-Talk switch is located on the earcup.

PMLN5275*	Heavy Duty Headset. Noise Reduction=24dB
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*Intrinsically Safe (FM).



MOTOTRBO System

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 RADIOS WITH DISPLAY

- PMLN5015 Nylon Case with 3 Inch Fixed Belt Loop
- PMLN5021 Hard Leather Case with 3 Inch Fixed Belt Loop
- PMLN5019 Hard Leather Case with 2.5 Inch Swivel Belt Loop
- PMLN5020 Hard Leather Case with 3 Inch Swivel Belt Loop

MOTOTRBO RADIOS WITHOUT DISPLAY

- PMLN5024 Nylon Case with 3 Inch Fixed Belt Loop
- PMLN5030 Hard Leather Case with 3 Inch Fixed Belt Loop
- PMLN5028 Hard Leather Case with 2.5 Inch Swivel Belt Loop
- PMLN5029 Hard Leather Case with 3 Inch Swivel Belt Loop



Miscellaneous Carry Accessories

BELT LOOPS & BELTS

- PMLN5022 2.5 Inch Leather Swivel Belt Loop
- PMLN5023 3 Inch Leather Swivel Belt Loop
- 4200865599 1.75 Inch Wide Leather Belt.

BELT CLIPS

- PMLN4652 Spring Action 2.5 Inch Belt Clip
- PMLN4651 Spring Action 2 Inch Belt Clip

CARRYING STRAP

- 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



Motorola Original® cases makes sure the audio of your MOTOTRBO radio comes through loud and clear.

From left to right: PMLN5015, PMLN5030, PMLN5024 and PMLN5029.

Carry Accessories:

You'd be surprised how much time can be saved when a radio is always in the same place — made easy by this versatile selection of Motorola Original® carry accessories.



HLN6602
Universal Chest Pack



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

Break-A-Way 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.
1505596Z02 Replacement Strap for RLN4570

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 (15 x 20 cm) 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.

RLN4815
RadioPAK



*Unlike rigid holders,
the universal-fit
RadioPAK is lightweight
and comfortable. An ideal
companion for two-way radios,
as well as iDEN® portables
and cellular phones.*



MOTOTRBO System

IMPRES batteries and antennas for portable radios

IMPRES Batteries

IMPRES batteries, when used with an IMPRES charger, provide automatic, adaptive reconditioning, end-of-life display and other advanced features. Data is stored in the battery and communicated to the charger via a unique IMPRES communication protocol which is designed to maximize talk-time and optimize battery cycle life – all automatically. Automated maintenance and a six month extended capacity warranty when used with IMPRES chargers. Can be charged and reconditioned without being removed from the radio.

PMNN4066	IMPRES Lilon 1500 mAh, 7.2V Submersible Battery - IP57 Rating
PMNN4069*	IMPRES Lilon 1400 mAh, 7.2V Submersible Battery - IP57 Rating
PMNN4077	IMPRES Lilon 2200 mAh, 7.2V Submersible Battery - IP57 Rating

Motorola Original® Battery

This Motorola Original® 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, 7.2V Submersible Battery - IP57 Rating.
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Antennas

Combination GPS / UHF Antennas

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

PMAE4018*	Combination GPS / UHF 403-433 MHz Folded Monopole Antenna
PMAE4024*	Combination GPS / UHF 430-470 MHz Folded Monopole Antenna
PMAE4050*	Combination GPS/UHF 450-495 MHz Folded Monopole Antenna
PMAE4051*	Combination GPS/UHF 495-527 MHz Folded Monopole Antenna

Combination GPS / VHF Antennas

PMAD4067*	Combination GPS / VHF 136-147 MHz Helical Antenna
PMAD4068*	Combination GPS / VHF 147-160 MHz Helical Antenna
PMAD4069*	Combination GPS / VHF 160-174 MHz Helical Antenna

Public Safety Microphone Antennas

PMAE4046*	UHF 403-433 MHz PSM Stubby Antenna.
PMAE4047*	UHF 430-470 MHz PSM Stubby Antenna.
PMAD4086*	VHF 150-174 MHz PSM Antenna.
PMAD4087*	VHF 136-153 MHz PSM Antenna.

PMNN4066
Maintain the longevity of your charge with IMPRES batteries.



Batteries left in IMPRES chargers are kept fully charged so they are always ready when needed.

Flexible Whip Antennas

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

PMAE4022*	UHF, Flexible Whip, 403-470 MHz
PMAD4088	VHF, Wideband Antenna, 136-174 MHz
PMAE4049*	UHF, Flexible Whip 450-527 MHz

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. Built in GPS capability.

PMAE4021*	Combination GPS / UHF 403-433 MHz Stubby Antenna
PMAE4023*	Combination GPS / UHF 430-470 MHz Stubby Antenna

*Intrinsically Safe (FM).

IMPRES Smart Energy System:

The IMPRES Smart Energy System automatically reconditions IMPRES batteries based on actual usage – keeping them in peak condition.



IMPRES Chargers

Through the use of advanced charging algorithms and automatic reconditioning features, the IMPRES Smart Energy System ensures maximum talk-time and optimized battery cycle life. 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 - 110V 50Hz (US Plug)
- WPLN4234 IMPRES Single Unit Charger-220/240V 50HZ (Euro Plug)
- WPLN4236 IMPRES Single Unit Charger-220/240V 50HZ (Argentina Plug)
- WPLN4212 IMPRES Multi Unit Charger- 120V (US Plug)
- WPLN4213 IMPRES Multi Unit Charger-220/240V 50HZ (Euro Plug)
- WPLN4214 IMPRES Multi Unit Charger-220/240V 50HZ (UK Plug)
- WPLN4216 IMPRES Multi Unit Charger-220/240V 50HZ (Argentina Plug)
- NLN7967 Wall Mount for Multi-Unit Chargers

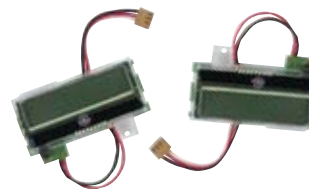


WPLN4232
IMPRES
Single-Unit Charger,
radio sold separately.

IMPRES Multi-Unit Charger with Display Modules

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

- WPLN4219 IMPRES Multi Unit Charger with Display Module-120V (US Plug)
- WPLN4220 IMPRES Multi Unit Charger with Display Module-220/240V 50HZ (Euro Plug)
- WPLN4221 IMPRES Multi Unit Charger with Display Module-220/240V 50HZ (UK Plug)
- WPLN4223 IMPRES Multi Unit Charger with Display Module-220/240V 50HZ (Argentina Plug)
- NLN7967 Wall Mount for Multi-Unit Chargers 120 Volts



RLN5382
Charger Display
Modules for
IMPRES
Multi-Unit Charger

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 Charger Display Module for IMPRES Multi-Unit Charger



MOTOTRBO System

mobile audio

Microphones and Handsets

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
HLN9073 Microphone Hang-Up Clip
HLN9414 Universal Microphone Hang-Up Clip
HMN4098 IMPRES Telephone Style Handset

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 PUSH TO TALK (PTT) ACCESSORIES

RLN5926 Pushbutton with Push-to-Talk (PTT)
Can be held in the hand, or mounted to the vehicle with touch fasteners.

RLN5929 Foot Switch with Push-to-Talk (PTT)
Mounts to floor of vehicle

RMN5052
Standard Compact
Microphone



RMN5065
IMPRES Keypad
Microphone



RMN5053
IMPRES
Heavy-Duty
Microphone



RMN5054
IMPRES Visor
Microphone



MOTOTRBO Control Station:

*Turn a MOTOTRBO mobile into a desktop base station.
Perfect for fleet operators in transportation,
construction and public safety.*

MOTOTRBO Control Station

These control station accessories allow you to convert 4100, 4100+, 6100, and 6100+ mobile two-way radios into convenient base stations. This makes an ideal communication solution for transportation, manufacturing, construction and public safety users.

	CONTROL STATION ACCESSORIES
RMN5050	Desktop Microphone (Black). Makes transmission easier for base station users, because the mobile microphone does not always have to be picked up.
GLN7318	Large Push-to-Talk button. 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
	POWER ACCESSORIES
HPN4008	Power Supply, 1-25W, for low power radios. Power cord included.
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 LOUDSPEAKERS
RSN4002	13W External Speaker
RSN4003	7.5W External Speaker
RSN4004	5W External Speaker

*Control Station
accessories make an
ideal communication
solution for
transportation,
manufacturing,
construction and
public service
users.*





MOTOTRBO System

mobile mounting and antennas

Mounting Brackets

Mobile radios are most often installed on the dash of a vehicle, and can run off its power source. Here are some of the accessories available for vehicular mobile radio mounting.

RLN6077	Low Profile Trunnion Kit Keeps radio tucked up under the dash, can also be positioned for floor mount.
RLN6078	High Profile Trunnion Kit Keeps radio tucked up under the dash, with extra clearance so radio can be tilted for a better view. Can also be positioned 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

This kit is ideal if you prefer to mount the radio directly into the dashboard for better appearance or to keep it from being an obstruction in the vehicle.

RLN5933	In Dash Mounting Kit - DIN
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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

UHF Through-Hole Mount Antennas

These 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.

HAE4010	UHF 3.5dB Gain Through-hole Mount, 406-420 MHz
HAE4011	UHF 3.5dB Gain Through-hole Mount, 450-470 MHz
RAE4004_RB	UHF 5dB Gain Through-hole Mount, 450-470 MHz

Cables

PMKN4018	Mobile Rear Accessory Connector Universal Cable
PMKN4010	CPS Programming Cable
PMKN4016	MAP Programming Cable
PMKN4040*	Telemetry Cable

*Dealer is solely responsible for obtaining, or requiring its customers to obtain, all applicable or necessary product regulatory and/or safety approvals (for example, UL or CE), required for any third party accessory to be used with a Motorola radio system or product. Dealer is solely responsible for any warranty, quality, performance, safety or any other issues relating to the use of this cable with a non-Motorola branded or approved accessory. Dealer may NOT in any manner, state, imply or otherwise represent that any non-Motorola branded or approved accessories have been approved or otherwise authorized by Motorola for use with this cable and a Motorola Product.

NOTE: This Cable CANNOT be used in combination with any non-Motorola approved or branded accessory or product with a MOTOTRBO FM Intrinsically Safe Application Product.

Combination GPS Antennas

The following 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

PMAE4030	1/4 Wave Roof Mount, 403-430 MHz
PMAE4032	3.5dB Gain Roof Mount, 406-420 MHz
PMAE4031	1/4 Wave Roof Mount, 450-470 MHz
PMAE4033	3.5dB Gain Roof Mount, 450-470 MHz
PMAE4034	5dB Gain Roof Mount, 450-470 MHz
HAE6019	403-527 MHz 2dB Gain
HAE6020	470-527 MHz 1/4 Wave
HAE6024	470-494 MHz 3.5dB Gain
HAE6026	494-512 MHz 3.5dB Gain

COMBINATION GPS/VHF

RAD4214	1/4 Wave Through-hole Mount, 136-144 MHz
RAD4215	1/4 Wave Through-hole Mount, 146-150.8 MHz
RAD4216	1/4 Wave Through-hole Mount, 150.8-162 MHz
RAD4217	1/4 Wave Through-hole Mount, 162-174 MHz
RAD4218	3dB Gain Through-hole Mount, 146-172 MHz

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.

UHF AND VHF Antennas

The following antennas are intended for customers who do not plan to use the GPS capability of the radio. The signals for these antennas radiate vertically, making them ideal for urban environments where buildings can obstruct the signal.

UHF

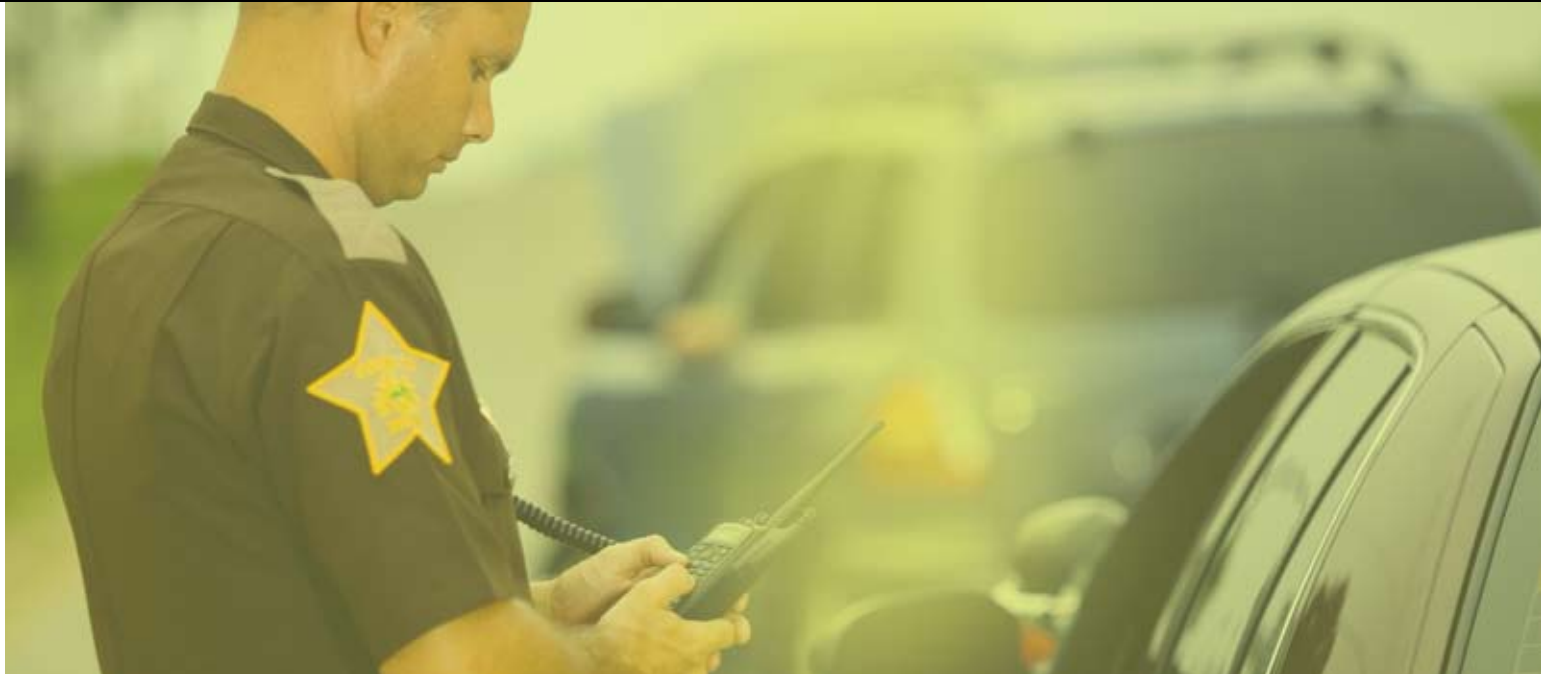
HAE4002	1/4 Wave Through-hole, 403-430 MHz
HAE4003	1/4 Wave Through-hole, 450-470 MHz

VHF

HAD4006	1/4 Wave Antenna, 136-144 MHz
HAD4007	1/4 Wave Antenna, 146-150.8 MHz
HAD4008	1/4 Wave Antenna, 150.8-162 MHz
HAD4009	1/4 Wave Antenna, 162-174 MHz
HAD4014	3dB Gain Antenna, 146-172 MHz

Combination GPS/UHF Antennas:

This combination antenna design provides GPS tracking coverage and voice/data wireless coverage capabilities for fleet monitoring or fleet tracking applications.



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, 406-450 MHz
TDE7780	UHF Untuned Duplexer, 450-470 MHz
HFE8454	UHF Untuned Duplexer, 490-527 MHz
HFE8401	UHF Untuned Duplexer, 470-490 MHz

Duplexer Cables

0112004B04	N Type Male to N Type Male Duplexer Cable - 24 Inch
0112004U04	N Type Male to BNC Male Duplexer Cable - 24 Inch
PMLE4548	Rack Mount Duplexer/ Filter Enclosure Kit

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

Mounting

PMLE4476	Wall Mount Kit for DGR 6175
PMLN5072	Hardware Kit for Rear Accessory Connector
HKN9088	Mobile Mini U Antenna Adapter with 8 Foot Cable

Preselector

HFE8459	UHF Preselector, 440-474 MHz
HFD8461	VHF Preselector, 144-160 MHz
HFD8462	VHF Preselector, 160-174 MHz

Lightening Protection Accessories

RRX4025	Lightening Arrestor
RRX4032	Tower Mounting Hardware
RRX4038	Surge Suppressor

Miscellaneous

RKN4152	Battery Back-up Cable
3087791G01	120V AC Line Cord
NTN7373	US Power Cable
NTN7374	Euro Power Cable
NTN7375	UK Power Cable
3085801L01	Argentina Power Cable



PMAE4031
GPS/UHF - 1/4 Wave
Roof Mount

PMAN4000
Fixed Mount GPS
Active Antenna



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