



MXP600 ACCESSORIES



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PROVIDE A RADIO EXPERIENCE TAILORED TO YOUR TEAM AND THEIR UNIQUE NEEDS WITH A WIDE RANGE OF ACCESSORIES AVAILABLE FOR THE MXP600.

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LOUD AND CLEAR, DESIGNED FOR COMFORT AND WEARABILITY

A range of wired and wireless audio accessories enable a tailored experience. Bluetooth 5.0 provides fast and secure wireless connectivity, while the sleek and compact GCAI-mini wired accessory port is designed for improved wearability.

The new covert surveillance earpieces are designed for comfort with a lighter weight, modern look and sleek profile. Like the MXP600, these new earpieces are HD voice ready. The speaker element has moved closer to the ear tube, reducing the audio travel length and preserving audio quality.

ENERGY

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MAXIMISE POWER FOR THE LONGEST SHIFTS

If the battery dies, it jeopardizes everything. Our slim, lightweight batteries provide a battery life of up to eighteen¹ hours with the standard battery and up to thirty¹ hours with the high capacity battery – ensuring the MXP600 works when you need it.

For working in cold environments, the 2900mAh battery works down to -30°C.

A variety of flexible charging solutions enables you to charge one or up to twenty-four batteries simultaneously - so your radios are always ready for the next shift.

CARRY

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SECURE, EASY ACCESS

Whether the members of your team want to wear the radio on the shoulder, chest or hip – there's a carry accessory to meet their needs. Choose from a range of leather carry cases, straps, shoulder-wearing accessories and belt clips, all designed for easy yet secure access to the MXP600 radio - so your team can stay hands free and focused on the task ahead.

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DESIGNED FOR WEARABILITY

Motorola Solutions' redesigned antennas provide convenience without compromising performance. Shorter and compliant conforming to the user in mission critical environments.

1. Under typical modelled conditions.



FRONTLINE SAFETY, TODAY AND TOMORROW

MXP600 TETRA PORTABLE RADIO

BEING ON THE FRONT LINE IS TOUGH. WHO KNOWS WHAT THE DAY WILL BRING, AND WHAT CONDITIONS YOUR PEOPLE WILL FACE? THE RIGHT RADIO CAN MAKE ALL THE DIFFERENCE.

We've listened to what frontline workers want and built the MXP600 for them: a rugged and lightweight yet fully capable TETRA portable radio. The MXP600 is easy to carry and easy to use. It has innovative audio technology so they can hear and be heard. It delivers best-in-class coverage with the option for Class 3 transmission power. Its rugged design copes with extreme environments, and its extended battery life outlasts a shift.

Bluetooth 5.0 and NFC enable rich collaboration, providing a leading-edge user experience today and ready for mission-critical communications tomorrow.

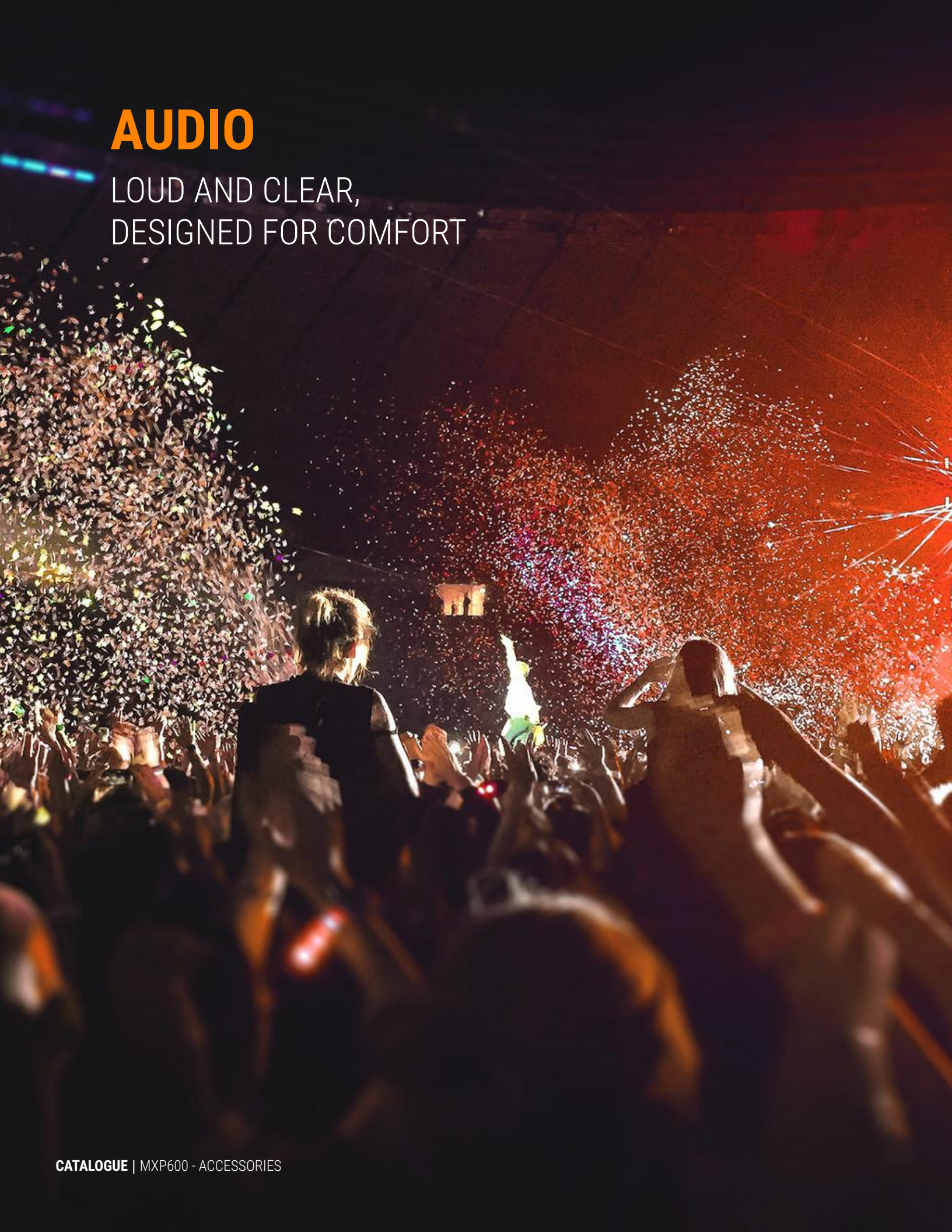
Over-The-Air-Programming and Over-The-Air Updates help keep your radios up to date and reduce expensive and time-consuming radio management chores to become lightning fast and cost effective. The MXP600 is a radio that gives your frontline staff the confidence to focus and efficiently and effectively get the job done.

KEY ATTRIBUTES

- Rugged and dependable
- Small and light
- Easy to carry and easy to wear
- Easy to use
- High receiver sensitivity
- Class 3 transmission power option
- Loud and clear audio
- Adaptive Multi-Microphone Beam-Forming Noise Suppression
- Adaptive Wind Noise Mitigation
- Automatic Howling Suppression
- Supports GPS, Beidou, Galileo and GLONASS
- Dedicated emergency button
- Long battery life
- Compact wired accessory connector
- Secure communications
- Large 2.4 inch colour screen
- Bluetooth 5.0
- Integrated NFC
- Hardware ready for High Definition (HD) voice
- Wi-Fi 2.4GHz and 5GHz
- TETRA Over-The-Air Programming
- Wi-Fi Over-The-Air Programming and firmware updates

AUDIO

LOUD AND CLEAR,
DESIGNED FOR COMFORT



RM780 RSM

HEAR AND BE HEARD LIKE NEVER BEFORE

DETAILS

Police officers, emergency responders and security staff need to communicate without delay and it is essential that they can hear clearly and be heard clearly. Equipped with a loud and clear speaker, the wired RM780 Remote Speaker Microphone delivers our best design with the latest low profile swivel clip that keeps the RSM closer to your body. It has 2 side programmable buttons, emergency button and system volume control at the top. Besides, RM780 has a 3.5mm audio jack that supports the new receive only translucent tube earpiece, PMLN8120. RM780 is IP68 (2m 4 hours) certified and supports Motorola Solutions' Work-When-Wet requirement which allows water to drain out from the RSM instantly to allow clear communication.

KEY FEATURES

LOUDEST, CLEAREST SPEAKER

Innovative audio technology enables you to hear and be heard over crowd noise, machinery and blaring sirens. Motorola Solutions' Wind and WaterShielding™ technology ensures audio is loud and clear.

SLIM DESIGN

Designed for the MXP600 radio, the sleek and modern RM780 is our thinnest wired remote speaker equipped with a low profile swivel clip for easy wearability keeping the RSM closer to your body.

EASY TO USE

Top volume rocker switch allows you to quickly and easily change system volume level and keep your eyes focused on what's in front of you. Two programmable buttons allow users to activate their most frequently used functions without even looking at the RSM: the emergency button is large and easy to operate, yet well protected from accidental activation; and there's a tactile glove-friendly PTT that allows easy communication on the job.

WORK-WHEN-WET AND IP68 CERTIFIED

Rugged and dependable, the RM780 is ready for use in harsh of environments and weather. Enhanced water drainage and top quality materials ensure you get the best audio experience.

DISCREET LISTENING

Tailor the RSM's performance to your individual needs with the 3.5mm jack to receive audio discreetly while plugging in a compatible earpiece accessory for private and confidential messages.

FLEXIBLE WEARING

Wear your RM780 RSM any way you want. The strategic placement of the microphones and enhanced water drainage provide users with the flexibility to wear it straight, upside down and even sideways while still delivering superior audio experience.



RM780 SPECIFICATIONS

GENERAL

Part Number	PMMN4128
Dimensions (RSM Head only)	77 x 58 x 25 mm (3 x 2.3 x 1 in)
Weight (Total Kit)	212 g (7.48 oz)
Clip	Low Profile 360° Rotating Clip
Color	Black
Power Source	MXP600 Radio
Secondary Accessory Interfaces	3.5 mm Non-threaded
Intrinsically Safe	No

MICROPHONE

Type	Omni Directional
Sensitivity	-42 ± 3 dBV Typical
Distortion (THD)	< 5%, Wideband
Windporting	Yes
IMPRES™	Yes

CONTROLS

Top	Emergency (Orange)
Side	PTT, 2 Programmable
Volume	Up/Down

SPEAKER

Diameter	47 mm
Rated Output Level	102 dB phon
Distortion (THD)	< 15%
Max Power	3Wrms

CABLE

Length	304 mm (12 in) Coiled Length
Flex Life	100k Cycles Minimum
Pull Strength	18.14 kg (40 lbs) Minimum
Accessory Connector Case	Polycarbonate Black

ENVIRONMENTAL

Operating Temperature	-22°F to +140°F (-30°C to +60°C)
Storage Temperature	-67°F to +185°F (-55°C to +85°C)
Humidity	90% - 95% Relative Humidity at +50°C for 8 hours
Mil Specs	MIL810G Method 506.5 (Rain), MIL810G Method 509.5 Procedure 1 (Salt Fog), MIL810G Method 510.5 Procedure 1 (Dust), MIL810G Method 514.6 Procedure 1 Category 24 (Vibration), MIL810G Method 514.6 Procedure 1 (Vibration)
ESD	IEC / EN 61000-4-2
IP Rating	IP68
Impact Grill	31.75 mm (1.25 in) Diameter Steel Ball Drop
Work-When-Wet	Yes

SECONDARY AUDIO ACCESSORY

PMLN8120	Receive-Only Loud Audio with Translucent Tube
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REPLACEMENT PARTS

PMLN8121	Low Profile Swivel Clip
PMLN8122	Dust Cover / 10 pcs per pack
PMKN4232	Coil Cord

BUTTON CONFIGURATION



RM730 RSM

HEAR AND BE HEARD
LIKE NEVER BEFORE



Equipped with a loud and clear speaker, the wired RM730 Remote Speaker Microphone delivers our best design with the latest low profile swivel clip that keeps the RSM closer to your body. It has a 3.5mm audio jack that supports the new receive only translucent tube earpiece, PMLN8120. The RM730 is IP68 (2m 4 hours) certified.

SPECIFICATIONS

GENERAL

Part Number	PMMN4131
Dimensions (RSM Head only)	70 x 55 x 22 mm (2.8 x 2.2 x 0.9 in)
Weight (Total Kit)	120 g (4.23 oz)
Clip	Low Profile 360° Rotating Clip
Color	Black
Power Source	MXP600 Radio
Secondary Accessory Interfaces	3.5 mm Non-threaded
Intrinsically Safe	No

MICROPHONE

Type	Omni Directional
Sensitivity	-42 ± 3 dBV Typical
Distortion (THD)	< 5%, Wideband
Windporting	Yes
IMPRES™	Yes

CONTROLS

Top	Emergency (Orange)
Side	PTT

SPEAKER

Diameter	36 mm
Rated Output Level	99 dB phon
Distortion (THD)	< 15%
Max Power	3Wrms

CABLE

Length	304 mm (12 in) Coiled Length
Flex Life	100k Cycles Minimum
Pull Strength	18.14 kg (40 lbs) Minimum
Accessory Connector Case	Polycarbonate Black

ENVIRONMENTAL

Operating Temperature	-22°F to +140°F (-30°C to +60°C)
Storage Temperature	-67°F to +185°F (-55°C to +85°C)
Humidity	90% - 95% Relative Humidity at +50°C for 8 hours
Mil Specs	MIL810G Method 506.5 (Rain), MIL810G Method 509.5 Procedure 1 (Salt Fog), MIL810G Method 510.5 Procedure 1 (Dust), MIL810G Method 514.6 Procedure 1 Category 24 (Vibration), MIL810G Method 514.6 Procedure 1 (Vibration)
ESD	IEC / EN 61000-4-2
IP Rating	IP68
Impact Grill	31.75 mm (1.25 in) Diameter Steel Ball Drop

SECONDARY AUDIO ACCESSORY

PMLN8120	Receive-Only Loud Audio with Translucent Tube
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REPLACEMENT PARTS

PMLN8121	Low Profile Swivel Clip
PMLN8122	Dust Cover / 10 pcs per pack
PMKN4232	Coil Cord

EARPIECES AND HEADSETS

HEAR AND BE HEARD LIKE NEVER BEFORE

BELT WORN



IMPRES™ 1 - Wire Surveillance Kit with Loud Audio Translucent Tube, GCAI-mini

With replaceable quick disconnect clear tube, inline PTT and microphone, loud audio supported, black

PMLN8082



IMPRES™ 2 - Wire Surveillance Kit with Loud Audio Translucent Tube, GCAI-mini

With replaceable quick disconnect clear tube, inline PTT and microphone, loud audio supported, black

PMLN8083



IMPRES™ 3 - Wire Surveillance Kit with Loud Audio Translucent Tube, GCAI-mini

With replaceable quick disconnect clear tube, inline PTT and microphone, loud audio supported, black

PMLN8084

SHOULDER WORN



1 - Wire Short Cord, Rx Only, Adjustable D-style Earpiece

With adjustable ear-loop fitting different sizes, black

PMLN8247



1 - Wire Short Cord, Rx Only, Surveillance Kit with Loud Audio and Translucent Tube

With replaceable quick disconnect clear tube, loud audio supported, black

PMLN8087



IMPRES™ Rx Only, Loud Audio Translucent Tube

For use with RSM, 3.5 mm jack, black

PMLN8120

HEADSETS



Behind-the-Head Headset

With flexible boom microphone and PTT, noise reduction 24dB

PMLN8085



Over-the-Head Headset

With flexible boom microphone and PTT, noise reduction 24dB

PMLN8086

1-Wire Short Cord, Rx Only, Swivel, Loud Audio Earpiece with Eartip, Black

PMLN8248

Designed for comfort with a lighter weight, modern look and sleek profile. Supports extra loud feature, enabling the received audio to be louder than previous ear pieces. Flexible wear options giving you the opportunity to wear your earpiece on either ear. Receive superior audio quality no matter how you wear it - with or without the eartip.

3 eartip sizes included in kit..



PMLN8068
PMLN8069
PMLN8070

CATALOGUE | MXP600 - ACCESSORIES



BLUETOOTH ACCESSORIES

EARPIECES



Wireless Earpiece with In-Line PTT

Volume up/down and noise cancellation. Bluetooth 4.2. Minimum 8-hour battery talk time on 5/5/90 duty cycle. Includes micro-USB cable for charging. Earbud replacements available.

PMLN7851



1-Wire Translucent Tube with In-line Microphone, Black

Requires NNTN8191 Pod.

PMLN7052



Operations Critical Wireless Earpiece with 30 cm Cable

With in-ear tube. Requires NNTN8191 Pod.

NTN2572



1-Wire Earbud with In-line Microphone, 116 cm cord, Black

Requires NNTN8191 Pod.

NNTN8295



1-Wire Earbud with In-line Microphone, 29 cm cord, Black

Requires NNTN8191 Pod.

NNTN8294



Operations Critical Wireless Discreet Surveillance Kit

Covert wireless solution includes wireless adapter with retention hook, completely discreet Phonak Phonito Nano wireless earpiece kit and wireless PTT pod NNTN8191.

NNTN8433



Operations Critical Wireless PTT Pod (charger sold separately)

BT PTT module without charger. Large front PTT, volume control, audible and visual indicators for BT pairing, battery and charging status. Micro-USB charging port.

NNTN8191



ENERGY

MAXIMISE POWER FOR
THE LONGEST SHIFTS



IMPRES 2 BATTERIES

LONG LASTING LIFELINE

SPECIFICATIONS

Part Number	PMNN4801	PMNN4802	PMNN4582
Capacity	1900 mAh	3400 mAh	2900 mAh
Operating Temperature	-10°C to +60°C (14°F to +140 °F)		-30°C ¹ to +60°C (-22°F to +140 °F)
IP Rating	IP68 ² TETRA MXP600 Portable Radio System Rating		
Availability	In-Box Order Option or Aftermarket	In-Box Order Option or Aftermarket	In-Box Order Option or Aftermarket (available 2021)

For IMPRES 2 battery care tips, please visit <http://motorolasolutions.com/batterycare>

1. Performance may be limited when operating in extreme temperatures.
2. IP68: MXP600 radio with battery attached submerged in 2 meters of water for 2 hours



1900 mAh

2900 mAh
3400 mAh

CHARGING SOLUTIONS

TETRA MODULAR CHARGER

Our first modular charger charges up to 24 batteries simultaneously when you stack up to four six-way multi-unit modules. Designed to save space, convenient tabletop or wall mount options exist. This customizable battery-only charger supports batteries from our existing TETRA radios.

- Compact and light
- Stack up to 4 modules
- Optional Desk and Wall Mount kit available
- Create mixed battery multi-unit charger and charge MTP3000/6000 and MTP850 batteries



TETRA MODULAR CHARGER
(MOUNTING KIT SOLD SEPARATELY)



MOUNTING BRACKET



FRONT



FRONT - LEFT SIDE



BACK - RIGHT SIDE

SPECIFICATIONS

Product	Part Number	Dimensions	Weight
Modular Charger (Base Kit)	PMPN4531	70 x 90 x 285 mm (2.76 x 3.54 x 11.22 in)	830 g (29.28 oz) Base Kit Only
Dual Modular Charger	PMPN4543	140 x 90 x 285 mm (5.51 x 3.54 x 11.22 in)	2260 g (79.71 oz) with 90W PSU and Bracket
Bracket for Dual Modular Charger	BR000482A01	140 x 95 x 350 mm (5.51 x 3.74 x 13.46 in)	150 g (4.06 oz)
Quad Modular Charger ¹	PMPN4553	280 x 90 x 285 mm (11.02 x 3.54 x 11.22 in)	4720 g (166.49 oz) with 201W PSU and 2x Bracket
Power Supply Unit 90W (Supports up to 2 Modular Charger)	PS000242A04	145 x 60 x 32 mm (5.71 x 2.36 x 1.26 in)	450 g (15.87 oz)
Power Supply Unit 201W (Supports up to 4 Modular Charger)	PS000212A02	210 x 85 x 46 mm (8.27 x 3.35 x 1.81 in)	1100 g (38.8 oz)
MTP850 Battery Insert	AS000401A01	63 x 57 x 29 mm (2.48 x 2.24 x 1.14 in)	24 g (.85 oz)

¹ Available 2021

CHARGING SOLUTIONS

Motorola Solutions Original™ chargers are tested and certified to charge your radio safely, so your radio is ready when you are. Select from a variety of dual-unit and IMPRES™ 2 multi-unit chargers; you're sure to find one that fits your needs.

DUAL DESKTOP CHARGERS

Charge your radio and spare battery simultaneously. Plug included in kit. Supports sequential charging of radio first, then spare battery.



DESKTOP CHARGER

IMPRES™ 2 MULTI-UNIT CHARGER WITH SINGLE DISPLAY

- Charge up to 6 or 12 MXP600 radios or 6 radios and 6 batteries simultaneously
- Includes Integrated Terminal Management (ITM) capability via integrated hub and single USB connection to charger
- IMPRES Fleet management: integrated
- Compatible with MTP6000 and MTP3000 Series radios but the IMPRES functionality is supported on MTP6650 only when equipped with IMPRES battery (PMNN4522A).
- Requires one USB A to USB micro-B cable (CB000458A07) to connect to PC



IMPRES 2 MULTI-UNIT CHARGER - 12 POCKET



IMPRES 2 MULTI-UNIT CHARGER - 6 POCKET

PART NUMBERS

	TRAVEL/WALL CHARGER	SEQUENTIAL DUAL-UNIT CHARGER	SIMULTANEOUS DUAL-UNIT CHARGER	MULTI-UNIT 12-WAY	MULTI-UNIT 6-WAY	VEHICULAR POWER ADAPTER
EU	PS000042A32	NNTN8245	PMLN6494	PMPN4217	PMPN4402	NNTN8040
UK	PS000042A33	NNTN8246	PMLN6495	PMPN4218	PMPN4403	
ANZ	PS000042A33	NNTN8247	N/A	PMPN4219	PMPN4404	
KOREA	PS000042A37	NNTN8249	N/A	PMPN4222	PMPN4407	
US/LA	PS000042A31	NNTN8244	PMLN6493	PMPN4216	PMPN4401	
Brazil	PS000042A38	NNTN8250	N/A	PMPN4223	PMPN4494	
Argentina	PS000042A35	NNTN8248	N/A	PMPN4220	PMPN4405	
China	PS000042A36	NNTN8251	N/A	PMPN4221	PMPN4406	
Japan	PS000042A31	N/A	N/A	PMPN4282	PMPN4409	

CARRY
SECURE, EASY ACCESS





SOFT LEATHER CARRY CASE
(RADIO SOLD SEPARATELY)

CARRY SOLUTIONS

SECURE, EASY ACCESS

Whether the members of your team want to wear the radio on the shoulder, chest or hip – there's a carry accessory to meet their needs. Choose from a range of leather carry cases, straps, shoulder-wearing accessories and belt clips, all designed for easy yet secure access to the MXP600 radio - so your team can stay hands free and focused on the task ahead.

MXP600 SOFT LEATHER CARRY CASE

The soft leather carry case simplifies one handed device access without compromising device security so your hands are free and information is within reach. A quick connect 2.5" or 3.0" swivel belt loop also allows you to easily disconnect and quickly retrieve your radio. A security strap inspired by gun holsters prevents the device from dislodging during operations, improving user confidence.

KEY FEATURES

- Secure retention allows simple one hand device access
- Built-in audio ports enable you to leave your radio in the case for audio applications without degrading device transmit and receive performance
- Accommodates connection of all compatible audio accessories
- Easily mount onto your vest with Peter Jones Klickfast Stud

PART NUMBER SPECIFICATIONS

MXP600 Soft Leather Carry Case with 2.5 in Swivel Belt Loop	PMLN8184
MXP600 Soft Leather Carry Case with 3 in Swivel Belt Loop	PMLN8183
MXP600 Soft Leather Carry Case for Peter Jones Klickfast Stud	PMLN8185

CARRY
ATTACHMENT POINT



CARRY SOLUTIONS

SECURE, EASY ACCESS



Plastic Belt Clip 2.5"

Compatible with MXP600 portable radio

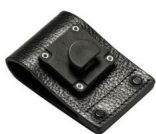
PMLN8181



Spring Belt Clip 2"

Compatible with MTP3500/3550/6650 portable radios

PMLN5616



2" Swivel Belt Loop

For use with carry cases

PMLN5580



2.5" Swivel Belt Loop

For use with carry cases

PMLN5610



3" Swivel Belt Loop

For use with carry cases

PMLN5611



Shoulder Strap, Nylon

Attaches to D-rings on carry cases, compatible with all portable radios

NTN5243



Wrist Strap, Black

Attaches directly to the radio, Compatible with MTP3500/3550/6650

HLN9767



Break-away Chest Pack With Radio Holder

With radio holder, pen holder and velcro secured pocket, compatible with all portable radios

RLN4570



Universal Chest Pack

With radio holder, pen holder and velcro secured pocket, compatible with MTP3500/3550/6650

HLN6602



RadioPak Radio Utility Case

Protects the radio and provides freedom from holding it during standby communication mode

RLN4815A

CARRY SOLUTIONS

SECURE, EASY ACCESS

PETER JONES (ILG) KLIK FAST ACCESSORIES

The Klick Fast System allows you to wear your radio securely in a variety of ways. The slim, durable Klick Fast Connector is compatible with all Klick Fast Docks. Simply slide the connector into any Klick Fast Dock and it locks securely into place. Once docked, your radio can be rotated to any of seven positions while remaining secure. Unlocking your radio takes seconds - simply rotate the radio to the inverted position and it slides free.

KLIK FAST STUD



Klick Fast Stud

Shoulder wearing device, compatible with all Klick Fast docks

PMLN8025

DOCK SOLUTIONS FOR USE WITH KLIK FAST STUD



Sew-on Dock

For mounting on uniforms/body armor, attaches to shoulder wearing device

GMDN0386



Klick Fast RSM Mounting Dock

For garment tag, compatible with all portable radios

GMDN0445AA



Klick Fast Retro Fitting Garment Dock

Easy-to-use "Screw to Fit" dock, compatible with all portable radios

WALN4307



Klick Fast 50 mm Belt Loop

With mounting dock, compatible with all portable radios

GMDN0566AC



Klick Fast 50 mm Belt Loop, Low Hang

With mounting dock

GMDN0445AC



Klick Fast Dock For 38 mm Belt

Compatible with all portable radios.

GMDN0547



Klick Fast Dock For 38 mm Belt

Compatible with all portable radios.

GMDN0497



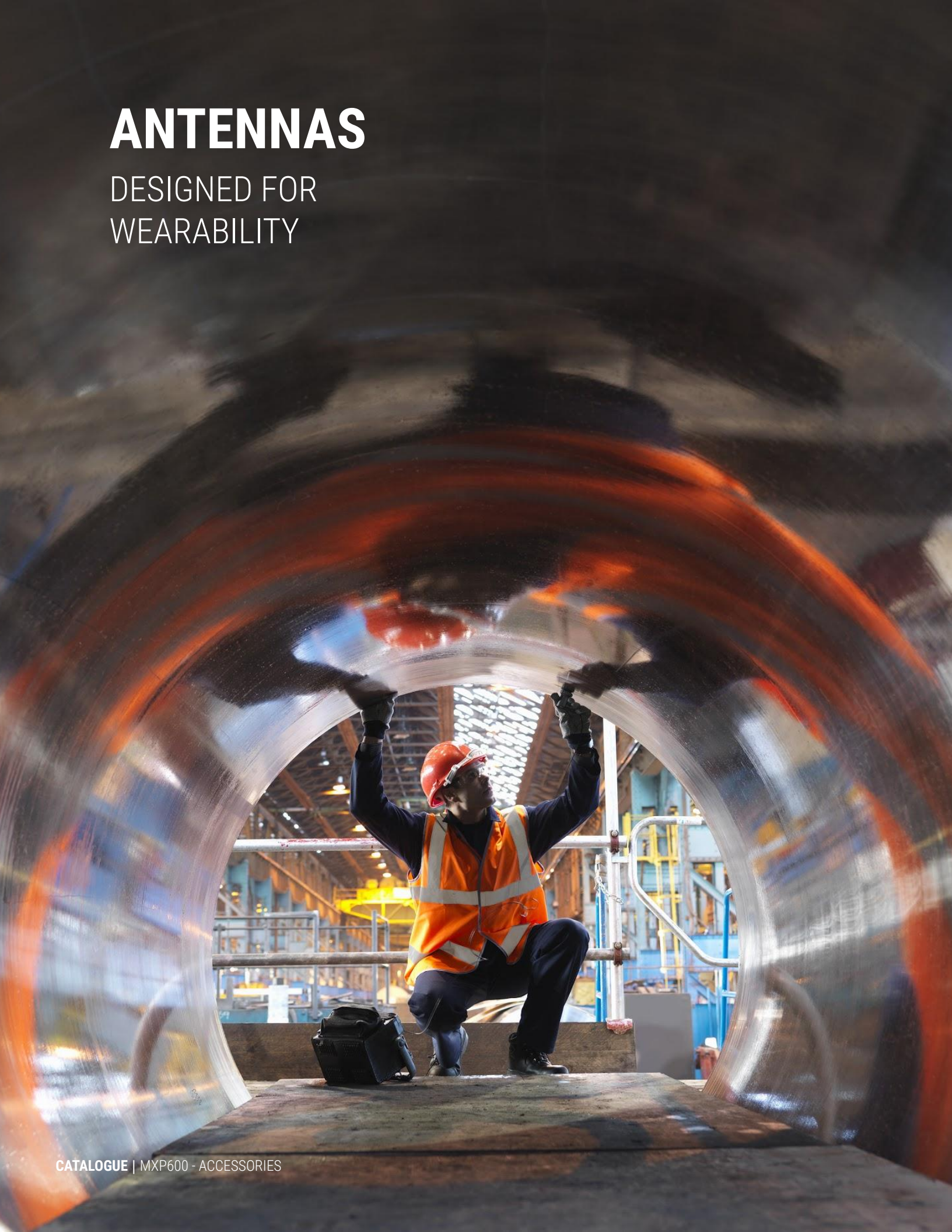
Klick Fast Dock For 50 mm Belt

Compatible with all portable radios.

GMLN4488

ANTENNAS

DESIGNED FOR
WEARABILITY



ANTENNAS

DESIGNED FOR WEARABILITY

DETAILS

Motorola Solutions’ redesigned antennas provide convenience without compromising performance. Shorter and compliant conforming to the user in mission critical environments.

SPECIFICATIONS

	Stubby	Stubby	Whip
Part Number	AN000354A01	PMAE4100	PMAE4022
Frequency Range	380-430 MHz	380-470 MHz	380-480 MHz,
Length	60 mm (2.36 in)	90 mm (3.54 in)	150 mm (6.1 in)

ANTENNA ID BANDS

Colored antenna ID bands are available for easy customization and come in packs of 5.



- PMLN6285 Blue
- PMLN6286 Pearl White
- PMLN6287 Neon Green
- PMLN6288 Neon Yellow
- PMLN6289 Neon Red



Stubby

Whip



For more information, please visit
[**motorolasolutions.com/mxp600**](https://motorolasolutions.com/mxp600)



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