MOTOTRBO™
XPR™ 6580 I.S.

MAKE SURE YOUR RADIOS WORK WHEREVER YOU WORK

CSA CERTIFIED PORTABLE TWO-WAY RADIO

Ⓜ MOTOROLA

SUPERIOR TECHNOLOGY
FOR THE TOUGHEST
ENVIRONMENTS

Gas. Vapors. Combustible dust. Your workers face hazards every day. How do you connect them in the most challenging environments? Increase their efficiency while lowering your costs? Versatile and powerful, MOTOTRBO™ XPR™ 6580 I.S. combines the best of two-way radio functionality with the latest digital technology. It integrates voice and data seamlessly, offers enhanced features that are easy to use and delivers increased capacity from the oil refinery to the factory floor. With exceptional voice quality and long battery life, XPR 6580 I.S. keeps your crews connected when communication is a must.

ADVANCED PERFORMANCE
By integrating voice and data in one device, you increase operating efficiency with applications like Text Messaging and GPS tracking. Because the XPR 6580 I.S. uses TDMA digital technology, it delivers twice the calling capacity for the price of one frequency license, plus clearer voice communications without static or noise. And the leading-edge IMPRES™ technology in batteries, chargers and audio accessories ensures longer talk time and clearer audio.

INDUSTRY-LEADING APPLICATIONS
Motorola's Application Developer Program offers customized data applications to adapt radios to your unique needs – from work order ticket management to network management, email gateways to location tracking, man-down alerts, dispatch consoles to telephony integration. Whether you send text messages, track work order information or pinpoint crew locations with integrated GPS, the XPR 6580 I.S. paves the way with nimble applications on one device.

ADDED FUNCTIONALITY
Get added functionality, including dispatch capability with the MIP 5000 VoIP console, enhanced call signaling, basic and enhanced privacy-scrambling, option board expandability and compatibility with SCADA solutions for utility and public service monitoring and alarms. Our transmit interrupt suite – with voice interrupt, emergency voice interrupt or data over voice interrupt – prioritizes communication the moment you need it.

EXPANDED CAPACITY AND COVERAGE
Repairing a gas line or operating an oil rig, your people need non-stop communications wherever they work. MOTOTRBO's IP Site Connect dramatically improves service and productivity by using the Internet to extend coverage anywhere in the world. Scalable, single-site Capacity Plus expands capacity to over 1,000 users without adding new frequencies. Connect Plus multi-site digital trunking accommodates high volume and wide area communication easily.

MIGRATE AT YOUR OWN PACE
It's easy to migrate to digital with the XPR 6580 I.S. radio. Whether you use an analog conventional or SMARTNET®/Privacy Plus™ analog trunking system, you can migrate to digital with a simple software upgrade* – no additional hardware required. So you can use XPR 6580 I.S. radios on your existing analog system, and when your time and budget allow you can begin migrating to digital at your own pace.

RELIABLE DURABILITY
XPR 6580 I.S. meets the most demanding specs, including IP67 for water submersibility and U.S. Military 810 C, D, E, F and G. It's "intrinsically safe" when purchased and equipped with a CSA certified battery, for use where flammable gas, vapors or combustible dust may be present. And backed by a two-year Standard Warranty, one-year Repair Service Advantage (US)/ Extended Warranty (Canada) and minimum 1-year warranty for accessories.

*MOTOTRBO digital and SMARTNET/SmartZone™/Privacy Plus operation are not supported simultaneously.

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XPR 6580 I.S. SEAMLESS PERFORMANCE. CERTIFIED SAFETY.

FEATURES AT-A-GLANCE

1 Flexible, menu-driven interface with user-friendly icons or two lines of text for ease of reading text messages* and navigating through the menus.

2 Emergency button alerts supervisor or dispatcher in an emergency situation.

3 Accessory connector meets IP67 submersibility specifications and incorporates USB and IMPRES™ audio capability.

4 Large, easy-to-use navigation buttons allow easy access to intuitive menu-driven interfaces.

5 Radio housing meets IP67 specifications; submersible in 1 meter of fresh water up to 30 minutes.

6 Powerful, front projecting speaker.

7 Three side and two front programmable buttons for easy access to favorite features.

8 Large, textured push-to-talk button provides good tactile response and easy access, even when wearing gloves.

ANALOG TRUNKING FEATURES
- 20 trunked systems with 240 conventional channels or trunked personalities
- 130 zones with 16 trunked talkgroups per zone
- Companding and HearClear audio enhancement options for 12.5 KHz channels
- Available for Type II 800/900 MHz Privacy Plus Enhanced SMARTNET, StartSite™, SmartWorks™ and SmartZone™ trunked systems
- Upgradeable to MOTOTRBO Connect Plus multi-site digital trunking via a software upgrade – with no additional hardware required

DIGITAL FEATURES
- Up to 1,000 channels
- Digital calling features: call alert, emergency, push-to-talk ID, radio check, remote monitor, private call, all call, transmit interrupt, radio disable
- Basic or Enhanced Privacy – built-in scrambling for increased security
- Operates on IP Site Connect, Capacity Plus, Linked Capacity Plus and Connect Plus digital systems
- Supports RAS (Restricted Access to System), which restricts radio access only to authorized users

STANDARD PACKAGE
- Display Portable Radio
- 800 / 900 MHz GPS Antenna
- IMPRES Li-Ion 1750 mAh Battery
- IMPRES Single Unit Charger
- 2.5" Belt Clip
- Dust Cover for Accessory Connector
- Built-In Expansion Card and Integrated GPS module*
- Two-year Standard Warranty plus one-year Repair Service Advantage (US only)/ Extended Warranty (Canada only)

LEADING-EDGE ACCESSORIES

It is imperative you use Motorola certified batteries and accessories with your XPR 6580 I.S. – the only ones certified by CSA as "intrinsically safe" for use with this radio. Accessories include:

INC REMOTE SPEAKER MICROPHONE

Unleash the power of Motorola's Industrial Noise Canceling (INC) Remote Speaker Microphone (RSM) and be heard above in noisy, dirty and difficult environments. An innovative dual-microphone design suppresses background noise so you can hear and be heard. Plus, a large 1-watt speaker delivers the loudest, clearest audio available – up to 25% more than other MOTOTRBO RSMs – so you can hear above very high level noise.

NNTN8382* IMPRES INC Remote Speaker Microphone, IP57 Submersible

* INC RSM (NNTN8382 or NNTN8383) when connected to the XPR 6580 I.S. CSA radio should only be used in digital mode.

NNTN8383* IMPRES INC Remote Speaker Microphone with Threaded 3.5mm Audio Jack

NNTN8383 is compatible with the following accessories:
BDN6781 - One wire earbud, black
RLN5314 - One wire earpiece with clear acoustic tube, beige
RLN5313 - One wire earpiece with clear acoustic tube, black

REMOTE SPEAKER MICROPHONES

PMMN4067 IMPRES CSA Remote Speaker Microphone (IP64) with volume switch and emergency button. Offers advanced IMPRES™ audio and Windporting for exceptional performance, especially in windy or high noise environments.

PMMN4050 IMPRES Remote Speaker Microphone (IP54) with 3.5 mm audio jack. Offers advanced IMPRES audio and noise cancelling microphone for exceptional performance when loud machines are running in the background.

REMOTE SPEAKER MICROPHONES ACCESSORIES

RLN4941 Receive-Only Earpiece with Translucent Tube and Rubber Eartip. Compatible with PMMN4050 only.

HEAVY DUTY HEADSETS

RMN4054 Peltor™ Receive-only dual-muff heavy-duty headset. For use with Remote Speaker Microphone PMMN4050.

PMLN5275 Behind-the-head Heavy Duty Headset with 24dB noise reduction rating. This dual-muff headset includes flexible noise-canceling boom microphone with a push-to-talk switch located on the earcup. Can be worn with or without a helmet.

NNTN8379[1] Peltor Heavy Duty Headset with helmet attachment and noise-cancelling boom microphone, 24dB noise reduction rating. Requires NNTN8378 Push-to-talk adapter. Helmet not included.

NNTN8380[1] Peltor Heavy Duty Headset with helmet attachment and noise-cancelling boom microphone, 26dB noise reduction rating. Requires NNTN8378 Push-to-talk adapter. Helmet not included.

NNTN8378[1] Peltor Push-to-Talk Adapter, rugged and easy to operate with heavy gloves on.

PMLN6804[1] Peltor Small Push-to-Talk Adapter.

IMPRES BATTERIES AND CHARGERS

The IMPRES smart energy battery keeps your radio performing on long shifts. Only IMPRES batteries can be charged 150 additional times as compared to a standard battery--a 43% increase in charge cycles.

NNTN8287 IMPRES 1750 mAh Li-Ion battery, Intrinsically Safe (CSA)

WPLN4232 IMPRES Single Unit Charger

WPLN4219 IMPRES Multi-Unit Charger with Displays

WPLN4212 IMPRES Multi-Unit Charger

LEATHER CARRY ACCCESSORIES

Swivel belt loop cases have a metal d-ring to help keep the case secure in high activity situations.

PMLN5606 Hard Leather Carry Case

PMLN5607 Soft Leather Carry Case

PMLN5610 2.5 inch replacement leather swivel belt loop

PMLN5611 3 inch replacement leather swivel belt loop

PMLN5134 2.5 inch belt clip

[1] NNTN8378 or PMLN6804 PTT adapter must be ordered with Peltor headsets NNTN8379 and NNTN8380.
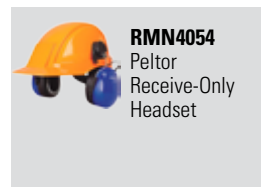
For more information on how to connect with greater confidence and work with greater safety, visit
motorolasolutions.com/mototrbo

NNTN8383* INC Remote Speaker Microphone with 3.5mm threaded jack

PMMN4067 IMPRES CSA Remote Speaker Microphone
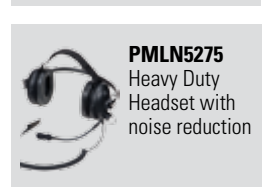

RMN4054 Peltor Receive-Only Headset

NNTN8379/ NNTN8380 Peltor Heavy Duty Headsets

PMLN6804 Peltor Small Push-to-talk adapter

NNTN8378 Peltor Push-to-talk adapter

PMLN5275 Heavy Duty Headset with noise reduction

NNTN8287 IMPRES 1750 mAh Li-Ion Battery

PMLN5606 Hard Leather Carry Case with Swivel Loop

*MOTO**TRBO**
DIGITAL
REMASTERED.*

MOTOROLA