

Brochure

MTP8000Ex series

Intrinsically safe TETRA portable radios

MOTOROLA SOLUTIONS



Power and performance designed for extreme environments

The MTP8000Ex series intrinsically safe TETRA radios have been engineered to address workers' needs and offer reliable radio communications in hazardous environments. From their form to their function, these radios are designed to meet the stringent needs of users in tough environments, and are certified to the standards listed by ATEX and IECEx.

Motorola Solutions has more than 20 years of experience in providing intrinsically safe two-way radios. We have used this knowledge and experience to develop the rugged MTP8000Ex series intrinsically safe TETRA radios. The radios have powerful audio, great coverage, long battery life, and advanced ergonomics for ease of use.

Designed for the mission

The MTP8000Ex series intrinsically safe TETRA radios have been specifically designed for end-users who need to work in hazardous environments with potentially explosive gases, chemical vapours, flammable liquids or combustible dust.

Oil and gas

Workers in the oil and gas industry can be at risk of escaping flammable gases or liquids and they are often required to work in extreme conditions of heat and dust or cold and wet. Good communication is key to operating effectively in these dangerous conditions, and workers rely on intrinsically safe radios to keep them safe.

Above ground mining

Combustible dust and escaping flammable gases, such as methane, are a major risk in the mining industry. Good communication is key to working effectively in such hostile and dangerous conditions, and intrinsically safe radios are needed to keep miners safe.

Fire and rescue

Fire and rescue teams have long relied on two-way radios to provide effective communications and save lives. But when firefighters respond to an incident with an explosion risk from gases or combustible dust, for example a traffic accident involving a petrol tanker or an incident at a manufacturing plant, they need intrinsically safe radios to communicate safely and prevent an incident from becoming an emergency.

Airports

Wherever there is a potential exposure to fuel, there is a risk of explosion. Intrinsically safe radios are used for communications in areas where workers and on-site fire crews are in close proximity to aviation fuel.



MTP8000Ex series intrinsically safe TETRA radios

The MTP8000Ex series intrinsically safe TETRA portable radios are certified to the standards listed by ATEX and IECEx. They have been carefully engineered to address workers' needs and provide reliable and efficient communications in hazardous environments.









The MTP8500Ex has a simple keypad, ideally suited for use while wearing heavy gloves. For users that need a full keypad we offer the MTP8550Ex.

Designed for hazardous environments

The MTP8000Ex series radios radios are certified to the standards listed by ATEX and IECEx for end-users who work in areas with potentially explosive gases, chemical vapours, flammable liquids or combustible dust.

Your end-users' radios can be easily identified without causing any risk to end-user safety, through the nameplate, rather than through the use of stick-on labels or external markers that can compromise the ATEX and IECEx certification.

Easy to use

The MTP8000Ex series has been designed to be easy to use. The intuitive user interface, large main colour display and the secondary top display make it easy to see emergency notifications, talk group status or battery condition.

The T-Bar profile, exaggerated control knob, tactile keypad, enlarged emergency button and textured PTT button make it easy to hold and use the radio.

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Great coverage

High receiver sensitivity and high transmit power give the MTP8000Ex series great coverage and enhanced in-building performance. For extra safety, the radio is fitted with an LED coverage indicator at the base of the antenna, alerting the end-user when coverage is poor.

With a long battery life, workers can be confident that the MTP8000Ex series radios will be ready for a longer shift in the event of emergencies or unplanned situations.

Loud and clear audio

The MTP8000Ex series is optimised for excellent audio performance in all types of noisy environments. Audio through both the speaker and accessories is loud and clear, even at full volume, and the end-user can be heard clearly against loud background noise.

Integrated Bluetooth®

Bluetooth enables a range of wireless accessories and collaborative devices to be paired with the radios, reducing the risk of catching wires. Accessories include headsets and microphones for use in loud environments and large PTT buttons for use with protective clothing. Smart device applications can be developed to control the radio via Bluetooth.

In addition, Bluetooth can be used to pair the radios with bio-monitors or gas sensors to automatically alert control and the end-users to dangerous conditions.



Device services for your MTP8000Ex series radios

You and your end-users count on your radios to operate at optimal efficiency.

To help support the performance of your MTP8000Ex series radio fleet and maximise the value of your investment, we offer a variety of service packages. The service capabilities offered include[1]:

Hardware repair

Troubleshooting, testing and repair of your equipment at a centralised facility.

Accidental damage

When the unexpected happens, we have you covered with a quick repair turnaround.

Technical support and service desk

Remote technical support services to ensure that your radios are rapidly restored and functional.

Software maintenance

Access to latest certified software releases for reliable and secure device operations.

[1] For the complete list of service packages, please visit: www.motorolasolutions.com/deviceservices



For more information about the MTP8000Ex series intrinsically safe TETRA radios, please visit:
www.motorolasolutions.com/MTP8000Ex

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All specifications are subject to change without notice.

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