



TETRA

POCKET GUIDE



MOTOROLA SOLUTIONS



TETRA **A FUTURE-PROOF TECHNOLOGY**

This pocket guide provides an overview of TETRA radio terminals and systems available along with an overview of the services we can provide to support them.

TETRA is designed for professional users who need critical communications. It is scalable, from small, private, site-specific installations to nationwide public safety networks.

Customers across many segments use our TETRA solutions including: retail, sports and leisure venues, manufacturing plants, oil and gas facilities, and government organisations.



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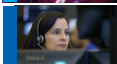
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TETRA RADIO TERMINALS

We offer a wide range of TETRA terminals to meet the unique requirements of mission critical communications across a wide variety of industries including transportation and logistics, oil and gas, utilities and public safety.





MXP600

FRONTLINE SAFETY, TODAY AND TOMORROW

MXP600 benefits from innovative audio technology, LMR and Wi-Fi Over-the-Air Programming, HD voice ready-hardware and Bluetooth® 5.0 for a leading-edge user experience today and ready for mission-critical communications tomorrow.



KEY FEATURES

- Class 3 transmit power
- SMA connector
- Bluetooth® 5.0, 4.2, 4.1, 4.0, and 2.1 + EDR
- Full car kit support
- GPS and Galileo or BeiDou or GLONASS
- Large 2.4 inch display
- Integrated NFC
- Rated IP65, IP66, IP67, IP68 (2m, 2 hours) and MIL-STD 810 C, D, E, F, G, H
- Hardware ready for High Definition (HD) voice
- Noise Suppression
- Automatic Howling Suppression
- Wi-Fi 2.4GHz and 5GHz
- TETRA Over-The-Air Programming
- Wi-Fi Over-The-Air Programming and firmware updates

M-RADIOCONTROL APP

Easy radio interaction via M-RadioControl app on a paired smartphone. Useful for:

- Situations where it's not convenient to remove the radio from clothing for interaction
- Convert / undercover operations - where radio is hidden
- Deeper interaction with the radio



KEY ACCESSORIES



Remote Speaker
Microphone



Carry
Case



Multi-Unit
Charger



MTP3000 SERIES

SAFER. TOUGHER. EASIER TO USE.

These fully featured radios for public safety and mission critical users are packed with features that are essential for safe and effective operations, as well as loud and clear audio and a rugged design.



KEY FEATURES

- IP65, IP66, IP67 and MIL-STD 810 C, D, E, F, G
- 350-470 MHz and 800 MHz
- GPS and BeiDou or GLONASS
- Bluetooth® 2.1 and 4.0 LE
- End-to-end encryption
- Man Down
- Vibrate alert

KEY ACCESSORIES



Multi-unit Charger

Adjustable D-style earpiece with in-line microphone and push-to-talk



Remote Speaker
Microphone



ST7500 **COMPACT. CAPABLE. FUTURE READY.**

The ST7500 TETRA radio is frontline ready, combining a small but rugged design with mission-critical performance. Easy to wear and easy to use, it provides public safety officers with a compact and powerful communications solution for the moments that matter.



KEY FEATURES

- Proprietary hybrid antenna
- Bright OLED display
- Loud and clear audio
- IP65, IP67 and MIL-STD 810 D, E, F, G
- Hardware based end-to-end encryption
- Vibration alert
- GPS and BeiDou or GLONASS
- MAC13 accessory connector
- Bluetooth® 2.1 and 4.1 LE

KEY ACCESSORIES



Earpiece

Carry Holster



Antennas



ST7000

**SMALL. DISCREET.
SOPHISTICATED.**

For when the communication needs of executives, customer-facing staff and senior officers are driven by style, as well as function.



KEY FEATURES

- Small and elegant design
- Simple and intuitive user interface
- Loud and clear audio
- 3.5 mm audio connector for maximum accessory compatibility
- Reversible USB-C connector for flexible charging and programming
- Enhanced coverage with 1.8W transmit power
- Long-life battery with up to 20 hours of use
- Integrated Bluetooth® 2.1 and 4.1 LE
- IP54 and MIL-STD 810 F, G

KEY ACCESSORIES



Carry Holster



Carry Sling



Personal Charger



MTP8000Ex SERIES

WORK SAFER. WORK SMARTER. WORK ANYWHERE.



Meeting the latest ATEX and IECEx standards, this next generation of TETRA ATEX radios represents a significant step forward in improving worker safety, communications and efficiency in hazardous environments.

KEY FEATURES

- Loud and clear audio
- Enhanced coverage
- Rugged design
- Bluetooth® 2.1 and 4.0 LE
- Advanced ergonomics
- Extended battery life
- Easy to use
- IP64, IP65, IP66, IP67 and MIL STD 810 D, E, F, G

KEY ACCESSORIES



SAVOX HC-1
Helmet communications with bone
conductive microphone and ear piece



Twin Cup Headsets

Active Noise
Cancelling RSM



MTM5000 SERIES

SAFER. SMARTER. FASTER.

The MTM5400 includes enhanced audio and receiver sensitivity, high power modes and Gateway Repeater functionality features, as well as being TEDS enabled. The MTM5500 is a highly flexible and capable system radio which permits the installation of multiple control heads. The ability to control multiple radios is essential for multiple agency, joint operations or bilateral cross border operations.

KEY FEATURES

- 10W transmit power
- Integrated DMO Gateway
- TEDS enabled
- End-to-end encryption
- Dual control heads and dual transceivers on MTM5500

KEY ACCESSORIES



Remote Ethernet
Control Head

IP67 Control Head



Telephone Style
Control Head





DEVICES SUPPORT SERVICES

Ensuring reliable and consistent management of your critical communication devices is an ongoing effort. We provide expert engineers and specialists dedicated to supporting your device management and maintenance requirements.

Keeping your device software current ensures you have access to improvements and the latest features so your device fleet continues to meet your operational requirements.

We recognise that one size doesn't fit all when it comes to maintaining and programming your devices. Motorola Solutions has tiered service levels so you can match the level of support required to your business needs and budget.



TOUGH, RESILIENT AND EFFICIENT DIMETRA™ TETRA SYSTEMS FOR CRITICAL COMMUNICATIONS

Motorola Solutions' DIMETRA systems have been continuously developed for more than 20 years to meet the needs of all types of TETRA users, from nationwide public safety network operators to users in the commercial or industrial sectors with small systems. Numerous special features have been developed during that time to enhance capacity, reliance, cyber security, operational capability, and efficiency. In addition the virtualised core ensures ease of upgrade to take advantage of developments and cost savings in the IT industry. With a full range of service solutions, application partners and local representation, Motorola Solutions is uniquely placed to supply and support the roll-out of TETRA services for all types and sizes of operators and end users.

DIMETRA X CORE

READY FOR THE FUTURE, TODAY

DIMETRA X Core is a fully scalable TETRA system designed to make the most of your TETRA network today, while preparing you for the additional capabilities of mobile broadband tomorrow. With a software-defined core, enhanced cyber security and smart interfaces, DIMETRA X Core is built for long-term performance, giving you the mission-critical communications you need for the next 15 years or more. DIMETRA X Core is a secure, smart investment for your organisation's future.





KEY FEATURES

- Advanced architecture
- Software-defined virtualised core
- Protected investment in radio access network
- Fully scalable to 5,000+ sites
- Comprehensive feature set
- Lower operational costs
- Lower total cost of ownership

DIMETRA X CORE SUPPORT SERVICES

Mission critical systems need to provide highly resilient communications with high availability, whilst remaining adaptable to changing operational demands and protected against new threats.

To maintain your DIMETRA X Core system so that it continues to operate at optimal levels, Motorola Solutions have developed the following lifecycle support service packages.

SUPPORT SERVICE PACKAGES	ESSENTIAL	ADVANCED	PREMIER
Cybersecurity Risk Assessment			
Service Delivery Management for SLA Accountability			
Guaranteed Restoration and Availability SLAs			
Trend Analysis and Real-Time Reporting			
End-to-End Event Management			
Preventative Maintenance			
Network Event Monitoring			
Network Updates			
Software Updates			
Customer Support Manager			
Pre-tested Security Updates			
Network Hardware Repair			
24x7x365 Remote Technical Support			

The chart shows the following service availability:

- Essential:** Software Updates, Customer Support Manager, Pre-tested Security Updates, Network Hardware Repair, 24x7x365 Remote Technical Support.
- Advanced:** Network Updates, Network Event Monitoring, Preventative Maintenance, End-to-End Event Management, Trend Analysis and Real-Time Reporting, Guaranteed Restoration and Availability SLAs, Service Delivery Management for SLA Accountability, Cybersecurity Risk Assessment.
- Premier:** All services listed in the table.

SERVICE COMPONENTS:

- **Software Updates:** keeps system up to date with the latest security updates, features and functionality
- **Customer Support Manager:** acts as the customer advocate into Motorola Solutions and is the point of contact and escalation for issues
- **Network Updates:** if future software enhancements outgrow the capability of your supported hardware, we will provide upgraded infrastructure for your DIMETRA X Core system
- **Remote Technical Support:** from Motorola Solutions Technical Engineers
- **Network Hardware Repair:** of any failed DIMETRA X Core infrastructure. This is also available with optional Advanced Replacement on critical components

DIMETRA EXPRESS

COMMUNICATIONS MADE SIMPLE



DIMETRA
EXPRESS MTS4
TETRA SYSTEM

The new, flexible modular TETRA system for small commercial or industrial users. By integrating the switch and base radios, it's now easier than ever to set up, deploy and manage your TETRA communications. Everyday operations are simplified, reducing costs and complexity over the long term.



DIMETRA
EXPRESS MTS2
TETRA SYSTEM



DIMETRA
EXPRESS MTS1
TETRA SYSTEM



DIMETRA EXPRESS
STANDALONE
TETRA SYSTEM

KEY FEATURES

- **Flexible Solution**
 - Modular MTS1 and Express server system
 - All-in-one-box MTS2 and MTS4 systems with integrated Express server
- **Deploy in Minutes**
 - Easy to set up, configure and install with a web-based installer
- **Simple System Management**
 - Network management is easy using web-based tools, including a system health monitor and simple dispatch application
- **Complete Communications**
 - Voice services, short data services, VoIP telephony services, clear authentication, and APIs for 3rd party voice logging and dispatch clients
- **Grows with You**
 - A multi-site system designed to expand as your needs do
- **Built-in Confidence**
 - Robust and reliable, you can depend on DIMETRA communications to be there for your team

DIMETRA EXPRESS SUPPORT SERVICES

To maintain your DIMETRA Express system so that it continues to operate at optimal levels, Motorola Solutions have developed the following lifecycle support service packages.

COVERAGE	DIMETRA EXPRESS WARRANTY	ESSENTIAL SERVICE PACKAGE	ADVANCED SERVICE PACKAGE
Duration	3 to 6 years	3 to 6 years	6 years
Network Updates	-	-	✓
Severity 1 Technical Support and Remote Access	8 x 5 (Business days only)	24 x 7 x 365	24 x 7 x 365
8 x 5 Technical Support and Remote Access	✓	✓	✓
Security Update Service	✓	✓	✓
Software Updates	✓	✓	✓
1 Year Hardware Repair*	✓	✓	✓
Extended Hardware Repair	Optional: 2-5 years (10 days)	Optional: 2-5 years (5 days)	Optional: 5 years (Next business day)
Hardware Repair with Advanced Replacement	Optional	Optional	Optional

* 1 Year Hardware Repair - repair centre will repair and ship within 20 days.

* Customers can opt for extended hardware repair after the 1 year warranty period which includes hardware repair.

SERVICE COMPONENTS:

- **Software Updates:** keeps system up to date with the latest security updates, features and functionality
- **Network Updates:** if future software enhancements outgrow the capability of your supported hardware, we will provide upgraded infrastructure for your DIMETRA Express system
- **Remote Technical Support:** from Motorola Solutions Technical Engineers
- **Network Hardware Repair:** of any failed DIMETRA Express infrastructure. This is also available with optional Advanced Replacement on critical components

For more information on our TETRA Solutions,
please visit us at:

www.motorolasolutions.com/TETRA

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