

# MTP3000 SERIES TETRA RADIOS SAFE. TOUGH. EASY TO USE.





## MTP3000 SERIES KEY FEATURES





WIDEBAND, 350-470 MHZ & 800 MHZ

GPS & BEIDOU OR GLONASS

END-TO-END ENCRYPTION



MAN DOWN



## MTP3000 SERIES DESIGNED TO WORK IN THE TOUGHEST, MOST DEMANDING ENVIRONMENTS, DAY IN, DAY OUT.

The MTP3000 Series radios are the result of more than 15 years of focus in TETRA on increasing user safety, enhancing efficiency and improving communications. The radios are packed with features that are essential for safe and effective operations, as well as loud and clear audio and a rugged design.

The MTP3500 features a simple keypad, while the MTP3550 has a full keypad.

Both the MTP3500 and MTP3550 are fully featured radios for public safety and mission-critical users, with a man down sensor, vibrate alert and End-to-End Encryption (E2EE).

And for those requiring a feature rich radio they both have secure Bluetooth<sup>™</sup> and Global Navigation Satellite System (GNSS) capability, including GPS and BeiDou or Glonass.

They also have IP65, IP66 and IP67 for dust and water ingress protection, wideband support for 350-470 MHz and 800 MHz, as well as a RFID hardware option.

## SAFE CLEAR AUDIO AND LONG RANGE

The MTP3000 Series is optimised for excellent audio performance in all types of noisy and demanding situations. Audio through both the speaker and accessories is clear even at full volume, and the user can be heard above loud background noise.

High receiver sensitivity and high transmit power gives the MTP3000 Series the capability to maintain communications in the most demanding situations at long range, in built up areas and in buildings.

Hardware enabled End-to-End Encryption (E2EE) is the most secure method for preventing the interception of critical voice or data communications.

The sensor detects whether a radio has been static for a pre-set time or has tilted beyond a pre-set angle. Man down is of particular value for the protection of fire officers in front-line operations, but also for lone security personnel or industrial workers operating in hazardous environments.

## TOUGH DURABLE CONNECTORS AND RUGGED DESIGN

The MTP3000 Series is fitted with two rugged connectors that provide corrosion resistance, conductivity and low insertion resistance. The side connector has excellent pull strength. The bottom connector is protected inside the radio. It has a self-cleaning mechanism to resist dust and dirt, but if required – it is also easy to clean.

With IP65, IP66 and IP67 the MTP3000 series radios can withstand immersion in a metre of water for 30 minutes, or a high pressure water jet from a fire hose. A range of tough and effective audio and energy accessories are also available.

## **EASY TO USE** INTUITIVE HARDWARE AND SOFTWARE FEATURES

The two knob interface will suit users migrating from an analogue radio. Users can navigate quickly through the simple interface on the wide transflective screen that is easy to see in both low light and direct sunlight.

Vibrate alert for incoming calls and messages will allow officers or workers to stay covert or be discreet when silence matter.

Easily identify different radios for different users, groups, coverage areas or tasks with optional colour identification bands around the antenna. Optional colour identification bands for groups with different tasks, coverage areas or shifts

MOTOROLA

MOTOROLA



Easy to Use Seaparated Volume and Talkgroup Knobs



**Emergency Alert Button** 

IP65/66/67 Dust and Water Ingress Protection



Durable Bottom Connector



#### **GENERAL SPECIFICATIONS** Height: 124mm Width: 53mm Dimensions 33.5mm (with 1950mAh battery) 36.7mm (with 2200mAh & IMPRES2 3400mAh battery) Depth: 280g (with 1950mAh battery) 295g (with 2200mAh battery) Weight 1950mAh standard battery 2200mAh standard battery 3400mAh IMPRES2 battery Battery Options

2W

#### **AUDIO**

Audio Output Power at Max Volume

#### **TETRA SERVICES**

AT Commands

RF			
Frequency Bands	350-470 MHz, 800 MHz		
Transmitter RF Power	Class 3 (1.8W) Class 4 (1W)		
Adaptive Power Control	Per EN 300 392-2		
Receiver Class	A and B		
Receiver Static Sensitivity	350-470 MHz: -116dBm (min); -118dBm (typical) 800 MHz: -114dBm (min); -116dBm (typical)		
Receiver Dynamic Sensitivity	350-470 MHz -107dBm (min); -109dBm (typical) 800 MHz: -105dBm (min); -107dBm (typical)		
DATA	STATUS messaging in TMO and DMO		
Short Data	SDS messaging in TMO and DMO Supports concatenated SDS (1000 characters)		
	Short data applications		
	Callout (simple, full, E2EE)		
	Access to SDS during an emergency call		
Packet Data	Supports TNP1 - simultaneous operation of Packet Data and Short Data Services over a common Peripheral Equipment Interface (PEI)		

Full set of ETSI and enhanced AT commands

Full Duplex Call   TMO: Private, PABX, PSTN, emergency     Half Duplex call   TMO: Private, group, emergency     Half Duplex call   TMO: Private, group, emergency     Emergency Call Management (user customisable)   Tactical: Emergency group call to ATTACHED talkgroup     Non-Tactical: Emergency call to PRE-DEFINED party (half/full duplex)   Hot Mic: Allows user to talk without needing to press PTT button     Smart TMO/DMO selection for Emergency Call set up to ensure call gets through   Emergency Status message sent to dispatch console     Other Voice Functions   Repeater     PTT double push   Pre-emptive priority calls     DMO repeater mode features and functions   ETSI type 1A DMO Repeater for channel efficient operation Repeats DMO voice and tone signalling on selected talkgroup Transmission of Repeater Presence Signal     DMO repeater mode features and functions   ETSI type 1A DMO Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)   Monitoring of and participation in calls whilst in Repeater mode     SECURITY   Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   Enhanced End-to-End Encryption with OTAK supported through AES128 or AES256	VOICE				
Half Duplex call   DMO: Private, group, emergency     Tactical: Emergency group call to ATTACHED talkgroup     Non-Tactical: Emergency group call to DEDICATED talkgroup     Individual: Emergency call to PRE-DEFINED party     (half/full duplex)     Hot Mic: Allows user to talk without needing to press     PTT button     Smart TMO/DMO selection for Emergency Call set up to     ensure call gets through     Emergency Status message sent to dispatch console     Inter-MNI     Gateway     Repeater     PTT double push     Pre-emptive priority calls     DMO repeater mode features and functions     Auffunctions     Repeats DMO voice and tone signalling on selected talkgroup     Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   Enhanced End-to-End Encryption with OTAK supported	Full Duplex Call	TMO: Private, PABX, PSTN, emergency			
DM0: Private, group, emergency       Tactical: Emergency group call to ATTACHED talkgroup       Non-Tactical: Emergency group call to DEDICATED talkgroup       Individual: Emergency call to PRE-DEFINED party (half/full duplex)       Hot Mic: Allows user to talk without needing to press PTT button       Smart TM0/DM0 selection for Emergency Call set up to ensure call gets through       Emergency Status message sent to dispatch console       Inter-MNI       Gateway       Repeater       PTT double push       Pre-emptive priority calls       DM0 repeater mode features and functions       ETSI type 1A DM0 Repeater for channel efficient operation Repeats DM0 voice and tone signalling on selected talkgroup       Transmission of Repeater Presence Signal Emergency Call (Pre-emptive Priority Call) Monitoring of and participation in calls whilst in Repeater mode       SECURITY       Authentication     Infrastructure initiated and made mutual by radio terminal Air Interface Encryption - Algorithms       Air Interface Encryption - Algorithms     Enhanced End-to-End Encryption with OTAK supported	Half Duralass and	TMO: Private, group, emergency			
Emergency Call Management (user customisable)     Non-Tactical: Emergency group call to DEDICATED talkgroup Individual: Emergency call to PRE-DEFINED party (half/full duplex)       Hot Mic: Allows user to talk without needing to press PTT button     Smart TMO/DMO selection for Emergency Call set up to ensure call gets through       Emergency Status message sent to dispatch console     Inter-MNI       Gateway     Repeater       PTT double push     Pre-emptive priority calls       DMO REPEATER     ETSI type 1A DMO Repeater for channel efficient operation Repeats DMO voice and tone signalling on selected talkgroup       DMO repeater mode features and functions     ETSI type 1A DMO Repeater Presence Signal Emergency Call (Pre-emptive Priority Call)       Monitoring of and participation in calls whilst in Repeater mode     Emergency Call (Pre-emptive Priority Call)       Monitoring of and participation in calls whilst in Repeater mode     Emergency Call (Pre-emptive Priority Call)       Monitoring of and participation in calls whilst in Repeater mode     Emergency Call (Pre-emptive Priority Call)       Authentication     Infrastructure initiated and made mutual by radio terminal Air Interface Encryption - Algorithms     TEA1, TEA2, TEA3	Hait Duplex call	DMO: Private, group, emergency			
Emergency Call Management (user customisable)     Individual: Emergency call to PRE-DEFINED party (half/full duplex)       Hot Mic: Allows user to talk without needing to press PTT button     Smart TMO/DMO selection for Emergency Call set up to ensure call gets through       Emergency Status message sent to dispatch console     Inter-MNI       Gateway     Repeater       PTT double push     Pre-emptive priority calls       DMO REPEATER     ETSI type 1A DMO Repeater for channel efficient operation Repeats DMO voice and tone signalling on selected talkgroup       DMO repeater mode features and functions     ETSI type 1A DMO Repeater Presence Signal       Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode       SECURITY     Authentication     Infrastructure initiated and made mutual by radio terminal       Air Interface Encryption - Algorithms     Enchanced End-to-End Encryption with OTAK supported		Tactical: Emergency group call to ATTACHED talkgroup			
Emergency Call Management (user customisable)   (half/full duplex)     Hot Mic: Allows user to talk without needing to press PTT button     Smart TMO/DMO selection for Emergency Call set up to ensure call gets through     Emergency Status message sent to dispatch console     Inter-MNI     Gateway     Other Voice Functions     PTT double push     Pre-emptive priority calls     DMO REPEATER     DMO repeater mode features and functions     ETSI type 1A DMO Repeater for channel efficient operation Repeats DMO voice and tone signalling on selected talkgroup     Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   TEA1, TEA2, TEA3     End to End Encryption with OTAK supported		Non-Tactical: Emergency group call to DEDICATED talkgroup			
(user customisable)   Hot Mic: Allows user to talk without needing to press PTT button     Smart TMO/DMO selection for Emergency Call set up to ensure call gets through   Emergency Status message sent to dispatch console     Other Voice Functions   Inter-MNI     Gateway   Repeater     PTT double push   Pre-emptive priority calls     DMO REPEATER   ETSI type 1A DMO Repeater for channel efficient operation Repeats DMO voice and tone signalling on selected talkgroup Transmission of Repeater Presence Signal Emergency Call (Pre-emptive Priority Call) Monitoring of and participation in calls whilst in Repeater mode     SECURITY   Authentication     Authentication   Infrastructure initiated and made mutual by radio terminal Air Interface Encryption - Algorithms     Find to End Encorption   Enhanced End-to-End Encryption with OTAK supported	5 0 111				
ensure call gets through     Emergency Status message sent to dispatch console     Inter-MNI     Gateway     Other Voice Functions     Repeater     PTT double push     Pre-emptive priority calls     DMO REPEATER     DMO repeater mode features and functions     ETSI type 1A DMO Repeater for channel efficient operation Repeats DMO voice and tone signalling on selected talkgroup     Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   TEA1, TEA2, TEA3     End to End Encorption   Enhanced End-to-End Encryption with OTAK supported					
Inter-MNI     Gateway     Other Voice Functions     Repeater     PTT double push     Pre-emptive priority calls     DMO REPEATER     ETSI type 1A DMO Repeater for channel efficient operation     Repeats DMO voice and tone signalling on selected talkgroup     Repeats SDS and Status messaging on selected talkgroup     Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   TEA1, TEA2, TEA3     End to End Encomption   Enhanced End-to-End Encryption with OTAK supported					
Gateway       Other Voice Functions       Repeater       PTT double push       Pre-emptive priority calls       DMO REPEATER       DMO repeater mode features and functions       ETSI type 1A DMO Repeater for channel efficient operation Repeats DMO voice and tone signalling on selected talkgroup       Transmission of Repeater Presence Signal       Emergency Call (Pre-emptive Priority Call)       Monitoring of and participation in calls whilst in Repeater mode       SECURITY       Authentication     Infrastructure initiated and made mutual by radio terminal       Air Interface Encryption - Algorithms     TEA1, TEA2, TEA3       End to End Encomption     Enhanced End-to-End Encryption with OTAK supported		Emergency Status message sent to dispatch console			
Other Voice Functions     Repeater       PTT double push     PTT double push       Pre-emptive priority calls     Pre-emptive priority calls       DMO REPEATER     ETSI type 1A DMO Repeater for channel efficient operation       Repeats DMO voice and tone signalling on selected talkgroup     Repeats DSO and Status messaging on selected talkgroup       DMO repeater mode features and functions     ETSI type 1A DMO Repeater Presence Signal       Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode       SECURITY     Authentication     Infrastructure initiated and made mutual by radio terminal       Air Interface Encryption - Algorithms     TEA1, TEA2, TEA3     Enchanced End-to-End Encryption with OTAK supported		Inter-MNI			
PTT double push     PTT double push     Pre-emptive priority calls     DMO REPEATER     ETSI type 1A DMO Repeater for channel efficient operation     Repeats DMO voice and tone signalling on selected talkgroup     Repeats DS and Status messaging on selected talkgroup     Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   TEA1, TEA2, TEA3     End to End Encomption   Enhanced End-to-End Encryption with OTAK supported		Gateway			
Pre-emptive priority calls       DMO REPEATER       DMO repeater mode features and functions       ETSI type 1A DMO Repeater for channel efficient operation Repeats DMO voice and tone signalling on selected talkgroup Transmission of Repeater Presence Signal Emergency Call (Pre-emptive Priority Call) Monitoring of and participation in calls whilst in Repeater mode       SECURITY       Authentication     Infrastructure initiated and made mutual by radio terminal Air Interface Encryption - Algorithms       Air Interface Encryption     TEA1, TEA2, TEA3       End to End Encomption     Enhanced End-to-End Encryption with OTAK supported	Other Voice Functions	Repeater			
DMO REPEATER     ETSI type 1A DMO Repeater for channel efficient operation     Repeats DMO voice and tone signalling on selected talkgroup     Repeats SDS and Status messaging on selected talkgroup     Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   TEA1, TEA2, TEA3     End to End Encryption   Enhanced End-to-End Encryption with OTAK supported		PTT double push			
ETSI type 1A DMO Repeater for channel efficient operation     Repeats DMO voice and tone signalling on selected talkgroup     Repeats SDS and Status messaging on selected talkgroup     Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   TEA1, TEA2, TEA3     End to End Encryption with OTAK supported		Pre-emptive priority calls			
DMO repeater mode features and functions     Repeats DMO voice and tone signalling on selected talkgroup       Repeats SDS and Status messaging on selected talkgroup     Transmission of Repeater Presence Signal       Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode       SECURITY     Authentication     Infrastructure initiated and made mutual by radio terminal       Air Interface Encryption - Algorithms     TEA1, TEA2, TEA3       End to End Encryption with OTAK supported	DMO REPEATER				
DMO repeater mode features and functions     Repeats SDS and Status messaging on selected talkgroup       Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)       Monitoring of and participation in calls whilst in Repeater mode     SECURITY       Authentication     Infrastructure initiated and made mutual by radio terminal       Air Interface Encryption - Algorithms     TEA1, TEA2, TEA3       End to End Encryption with OTAK supported		ETSI type 1A DMO Repeater for channel efficient operation			
and functions   Transmission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication     Air Interface Encryption - Algorithms     TEA1, TEA2, TEA3     End to End Encryption with OTAK supported		Repeats DMO voice and tone signalling on selected talkgroup			
Inframission of Repeater Presence Signal     Emergency Call (Pre-emptive Priority Call)     Monitoring of and participation in calls whilst in Repeater mode     SECURITY     Authentication   Infrastructure initiated and made mutual by radio terminal     Air Interface Encryption - Algorithms   TEA1, TEA2, TEA3     End to End Encryption with OTAK supported		Repeats SDS and Status messaging on selected talkgroup			
SECURITY       Authentication     Infrastructure initiated and made mutual by radio terminal       Air Interface Encryption - Algorithms     TEA1, TEA2, TEA3       End to End Encryption with OTAK supported		Transmission of Repeater Presence Signal			
SECURITY       Authentication     Infrastructure initiated and made mutual by radio terminal       Air Interface Encryption - Algorithms     TEA1, TEA2, TEA3       Enclasses     Enhanced End-to-End Encryption with OTAK supported		Emergency Call (Pre-emptive Priority Call)			
Authentication Infrastructure initiated and made mutual by radio terminal   Air Interface Encryption - Algorithms TEA1, TEA2, TEA3   End to End Encryption Enhanced End-to-End Encryption with OTAK supported		Monitoring of and participation in calls whilst in Repeater mode			
Authentication Infrastructure initiated and made mutual by radio terminal   Air Interface Encryption - Algorithms TEA1, TEA2, TEA3   End to End Encryption Enhanced End-to-End Encryption with OTAK supported	SECURITY				
Air Interface Encryption - Algorithms TEA1, TEA2, TEA3   End to End Encryption Enhanced End-to-End Encryption with OTAK supported		Infrastructure initiated and made mutual by radio terminal			
		· · · · ·			
•	End-to-End Encryption				
Other Security Features	Other Security Features	Temporary disable (stun)			
Permanent disable (ETSI standard or V2-Customer Restore)		Permanent disable (ETSI standard or V2-Customer Restore)			

CONNECTIVITY	
BLUETOOTH	
Bluetooth Versions Supported	Bluetooth 2.1 + EDR, Bluetooth 4.0, Bluetooth Smart (BTLE)
Bluetooth Security	Bluetooth 2.1 Introduces Mandatory Encryption with Secure Simple Pairing (SSP), Easier Pairing and Preventing Sniffing/Hacking
Bluetooth Audio Profiles	Headset Profile (HSP), Fast PTT with Motorola Solutions Accessories
Bluetooth Data Profiles	Serial Port Profile, Dial Up Networking Profile, Discovery Mode, Generic Access Profile, Generic Attributes Profile (GATT), Heart Rate Profile, Battery Service Profile, Devices Info Profile
RFID	
Tag Type	866-868 MHz RFID Knob

GPS, BeiDou/Glonass

<60 sec (typical)

<10 sec (typical)

ETSI LIP (extended)

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Integrated Internal Antenna

<5 (95% probable at -130dBm)

ETSI LIP (Short and Long), Motorola LRRP

iBeacon<sup>™</sup> / Bluetooth Low Energy Beacon

motorolasolutions.com/deviceservices

Universal time display Multiple display languages, user selectable Controls Keypad and rotary lock User configurable one touch buttons and keys, Keypad extensive list of functions Customisable to user needs Menu Menu Shortcuts Talkgroup Management User friendly, flexible, fast and efficient interface TNAO Galalan - +- OFO TMO +- II. ps: up to 10000 ps: up to 2000 per contact, GPS: -160 dBm (guaranteed); -161 dBm (typical) h button/key pe rs) rs) to one touch buttons

1.7" Colour Transflective Display, 132x90 pixel screen

Backlight, flip screen, large icons and scalable text

Screen saver gif image & text (user defined)

Batteries (Li Ion 1950 mAh & 2200 mAh

and IMPRES Li-ion 3400 mAh) Battery chargers and vehicle adapters

Remote speaker microphones

Programming and data cables

Various carry options Audio headsets

with 262K vivid colours

font options

**USER INTERFACE** 

Display

#### **SOFTWARE FEATURES**

**INDOOR NAVIGATION SERVICE** 

For a full list of available licensed features please visit:

#### motorolasolutions.com/tetradevicessoftware

#### **RECOMMENDED SERVICES**

Services for TETRA radios

ENVIRONMENTAL SPECIFICATIONS						
Operating Temperature <sup>1</sup>	-30°C to +60°C					
Storage Temperature	-40°C to +85°C					
Humidity (Condensation & High), Temperature Change, Low and High Temperature	ETSI 300 019-1-7 class 7.3E					
Shock (bumps & shock), drop (free fall & drop & topple) and vibration (random & sine)	ETSI 300-019 1-7 class 5M3					
Dust and Water Ingress Protection	IP65/66/67					

<sup>1</sup>Performance may be degraded at extreme temperatures

Some features mentioned are optional, and some require additional software licences. Feature availability may vary by country.

Earpieces

	MIL-STD810C		MIL-STD810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G		MIL-STD 810H	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1	I	500.2		500.3	П	500.4	I	500.6		500.6	
High Temperature	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot	501.6	I/A1, II/A1	501.7	I/A1, II/A1
Low Temperature	502.1	✓	502.2	I, II	502.3	I, II	502.4	I, II	502.6	I, II	502.7	I, II
Temperature Shock	503.1	✓	503.2	A1/C3	503.3	A1/C3	503.4	I	503.6	I-C	503.7	I-C
Solar Radiation	505.1	11	505.2	I/A1	505.3	I/A1	505.4	I/A1	505.6	I/A1	505.7	I/A1
Rain	506.1	I, II	506.2	1, 11	506.3	I, II	506.4	I, III	506.6	I, III	506.6	1, 111
Humidity	507.1	11	507.2		507.3	11	507.4	~	507.6	II/Aggravated	507.6	II/Aggravated
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	✓	509.6	$\checkmark$	509.7	$\checkmark$
Blowing Dust & Sand	510.1	I	510.2	I, II	510.3	I, II	510.4	I, II	510.6	1, 11	510.7	I, II
Vibration	514.2	VIII/CatF, XI	514.3	I/Cat10, II/Cat3	514.4	I/Cat10, II/Cat3	514.5	I/Cat24, II/Cat5	514.7	I/Cat24, II/Cat5	514.8	I/Cat24, II/Cat
Shock	516.2	I, II, V	516.3	I, IV, VI	516.4	I, IV, VI	516.5	I, IV, VI	516.7	I, IV, VI	516.8	I, IV, VI

<sup>2</sup>Where a test method has multiple procedures, the applicable procedures are listed. A tick "✓" indicates that the there is only one procedure.

### LOCATION SERVICES

Constellations Supported

Simultaneous Satellites

GNSS Tracking Sensitivity, dBm

Antenna

Accuracy, 3D

TTFF Cold Start

TTFF Hot Start

**BTLE Indoor Location** 

Protocols

Protocols

**SATELLITE / OUTDOOR NAVIGATION SERVICE** 

Talkgroups	TMO folders: up to 256, TMO talkgroup DMO folders: up to 128, DMO talkgroup
Favourite Talkgroup Folders	3
 Scan lists	40 lists of up to 20 groups
 Contacts Management	Rapid search
 Contacts	Up to 1000 contacts with 6 numbers p (maximum 2000 unique numbers)
Dialling Methods	Dialling Direct, Scroll, Speed, One touch
Message Manager	Distinct folders for each message typ
Text Message List	Up to 200 entries (short messages) At least 20 entries for outbox (long messages up to 1000 characters At least 10 entries for inbox (long messages up to 1000 characters
Status List	400 pre-defined messages assignable t
	Intelligent keypad text input
Other Features	Covert Mode
	Man Down

**ACCESSORIES** 

Notes:

Please check with your local Motorola Solutions representative for full details.



# **DEVICE SERVICES** ACHIEVE MISSION CRITICAL PERFORMANCE

# RADIO PERFORMANCE IS CRITICAL FOR EFFECTIVE MISSION-CRITICAL OPERATION. YOUR USERS RELY ON THEIR RADIOS TO BE AVAILABLE AND CONNECTED.

You and your users count on the radio to operate at optimal efficiency. To help support the performance of your MTP3000 radio fleet and maximise the value of your investment, we offer a variety of service packages that transfer the risk and responsibility to Motorola Solutions to provide the right level of services<sup>3</sup> for your radio fleet needs.

#### The service capabilities offered include:

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 ensure reliable and secure device operations

You can rely on us to help you achieve your device performance targets and maximise the value of your radio investments with the right level of services designed specifically for your needs. Each package provides a higher level of support, transferring the risk and responsibility to Motorola Solutions.

<sup>3</sup>For the complete list of service packages, please visit **motorolasolutions.com/deviceservices** 





## MTP3000 SERIES TETRA RADIOS YOUR LIFELINE WHEN TIME IS CRITICAL

For more information on the MTP3000 Series TETRA radios, please visit motorolasolutions.com/MTP3000

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