



EU Declaration of Conformity (DoC-15092900178-H)

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration is in conformity with the relevant Union harmonization legislation:

2014/53/EU Radio Equipment Directive (RED)
2014/34/EU Equipment for Explosive Atmospheres Directive (ATEX)
2011/65/EU Restriction of Hazardous Substances Directive (RoHS)
2012/19/EU Waste Electrical and Electronic Equipment Directive (WEEE)

Object of the Declaration: Tetra Subscribers
MTP8000Ex Series ATEX TETRA

MTP8550Ex, PT951NPEx, Full Keypad
MTP8500Ex, PT951NMEx, Limited Keypad

350-470MHz, 25/50kHz, 1-1.8W Tx

National Licensed Frequencies Only

This DoC supersedes DOC-15092900178-E

Placed On The Market By: Motorola Solutions Systems Polska Sp. z o.o. , Ul.Czerwone Maki 82, 30-392 Krakow, Poland

Conformity is shown by compliance with the applicable requirements of the following standards:

EN 300 328 V2.2.2
EN 303 413 V1.1.1
EN 302 561 V2.1.1

EN 301 489 - 1 V2.1.1
EN 301 489 - 5 V2.2.1
EN 301 489 - 17 V3.1.1
EN 301 489 - 19 V2.1.1

EN 62368-1:2014+AC:2015+A11:2017
Compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits
EN 50360:2017
EN 50566:2017

EN IEC 60079-0:2018, EN60079-11:2012

Certificate issued by: DEKRA Testing, and Certification GmbH Dinnendahlstrasse 9, 44809 Bochum Germany
EC Type Examination Certificate: BVS 15 ATEX E 130 X
ATEX Classification: I M2 Ex ib I Mb; II 2G Ex ib IIC T4 Gb, ib; II 2D Ex ib IIIC T90°C Db;
Temperature class T4, Tamb -20°C to +55°C, IP66/67

KRAKOW, 21-OCT-2021

Jacek Drabik
Country Manager Motorola Solutions Poland,
Ul.Czerwone Maki 82, 30-392 Krakow, Poland

Friedrich Bollmann
Product Safety and Regulatory Compliance,
Motorola Solutions Germany GmbH, Berlin



Rev. 1 Addendum to EU Declaration of Conformity (DoC-15092900178-H)

The listed accessories are approved for use with the object of this declaration.

<u>PART NUMBER</u>	<u>DESCRIPTION (FOR INFORMATION ONLY)</u>
ANTENNA	
PMAE4096A	350-470MHz
PMAF4019A	350-470MHz
AUDIO	
GMMN4580A	Savox HC2 dual headset Atex
PMLN6087A	Heavy Duty Headset with over the head headband and boom mic; connects to Peltor PTT Adapter
PMLN6089A	Tactical heavy duty headset with helmet attachment with vol control connects to Peltor PTT Adapter
PMLN6090A	Tactical heavy duty headset with over the head headband with vol control connects to Peltor PTT Adapter
PMLN6092A	Heavy Duty Headset with helmet attachment and boom mic; connects to Peltor PTT Adapter
PMLN6333A	Twin cup Heavy duty headset with helmet attachment boom mic connects to Peltor PTT Adapter
PMLN6803A	Push To Talk adapter Nexus
PMLN7188B	ATEX 3.5mm RX only earpiece
PMLN7257A	SAVOX ATEX IECEX C-C440 LARGE PTT
PMLN7531A	Peltor ATEX Standard Overhead Headset
PMLN7535A	Peltor ATEX Tactical Overhead Band Headset
PMMN4067B	ATEX CSA Remote Speaker Microphone (RSM)
PMMN4093A	ATEX REMOTE SPEAKER MICROPHONE
PMMN4109A	Nextex OMNI RSM
RMN5123A	Savox HC1 Headset Atex
BATTERY	
NNTN8570B	NexTex Refresh Battery
NNTN8570C	IMPRES LIION IECEX/ATEX IP67 1250T - identical to Replacing NNTN8570B.
BODYWORN	
PMLN5004B	Shoulder wearing device



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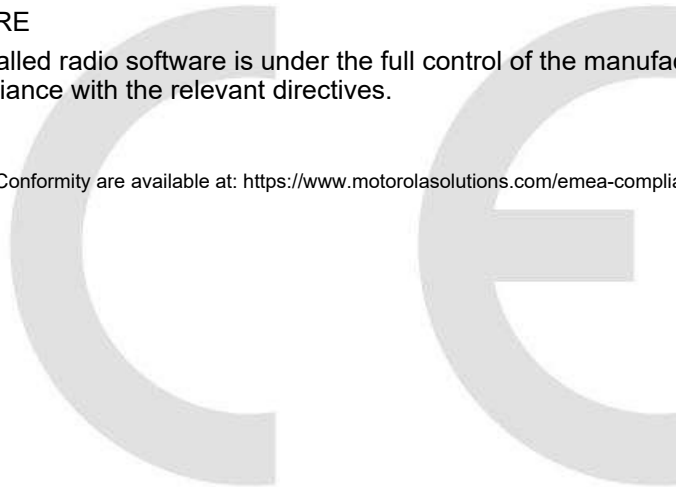
The listed accessories are approved for use with the object of this declaration.

<u>PART NUMBER</u>	<u>DESCRIPTION (FOR INFORMATION ONLY)</u>
BODYWORN	
PMLN5610A	2.5" Swivel belt loop
PMLN5611A	3.0" Swivel belt loop
PMLN6086A	Belt clip 2.5
PMLN7195A	HARD LEATHER CASE W 2.5" BELT LOOP
PMLN7268A	HARD LEATHER CASE W 3" BELT LOOP

SOFTWARE

The installed radio software is under the full control of the manufacturer with no access by the user and is in compliance with the relevant directives.

EU Declarations of Conformity are available at: <https://www.motorolasolutions.com/emea-compliance>



Electromagnetic Energy (EME) Test Laboratory

Conformity of models listed with occupational Exposure Level Values (ELVs) in Directive 2013/35/EU

This declaration confirms compliance of Motorola Solutions' portable device(s) model(s) with approved accessories

Model Number	Type Designator	Description
MDH16PCF6TZ5AN	PT951NMEEEx	NEXTEX MTP8500Ex, E2EE C3L, 350-470MHz, C3L, 25/50kHz, BT/GPS/GNSS, LKP, optional SIM/SD
MDH17PCH6TZ5AN	PT951NPEEEx	NEXTEX MTP8550Ex, E2EE C3L, 350-470MHz, C3L, 25/50kHz, BT/GPS/GNSS, FKP, optional SIM/SD

with the occupational ICNIRP¹ limits for radio frequency (RF) energy exposure. The ICNIRP guidelines were developed by an independent scientific organization after thorough evaluations of relevant research studies, and have been endorsed by the World Health Organization (WHO). The ICNIRP guidelines are also referenced in the European Directive 2013/35/EU,² forming the basis of the applicable RF exposure framework for workers.

The applicable exposure limit is specified in terms of the Specific Absorption Rate (SAR), measured in units of watts per kilogram (W/kg). SAR tests of these Motorola Solutions devices indicate that they conform with the applicable SAR limits defined in harmonized³ standard EN50360,⁴ and EN50566,⁵ using operating configuration(s) while transmitting at nominal power, with results scaled to the highest certified power level in all tested frequency bands.

SAR tests, performed at a laboratory certified to the ISO/IEC Guide 17025,⁶ show that these Motorola Solutions' portable device model(s), in all tested operating modes (on the body, on the sides of the head, and in front of the face as applicable), at the highest certified power level(s), conform(s) with the ICNIRP limits for professional devices and occupational users,⁷ and both the health and the sensory ELVs defined in Directive 2013/35/EU.⁸

Sincerely,



Tiong Nguk Ing on behalf of Pei Loo Tey
Penang EME Laboratory Manager
DATE : 03-APR-2019

¹ICNIRP (1998): International Commission on Non Ionizing Radiation Protection, "Guidelines for Limiting Exposure to Time-Varying Electric, Magnetic, and Electromagnetic Fields (Up to 300 GHz)" Health Physics, vol. 75, no. 4, pp. 494-522.

²Directive 2013/35/EU of the European Parliament and of the Council of 26 June 2013 on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (electromagnetic fields) (20th individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) and repealing Directive 2004/40/EC.

³Directive 2014/53/EU of The European Parliament and of the Council of 16 April 2014 on the Harmonisation of the Laws of the Member States Relating to the Making Available on The Market of Radio Equipment and Repealing Directive 1999/5/EC.

⁴EN50360:2017 Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear.

⁵EN50566:2017 Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body.

⁶ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories.

⁷Implicit whole-body SAR compliance with the 0.4 W/kg limit is shown using the threshold (16.8 W) derived from Table B.1 in EN 62311:2008.

⁸ The Specific Absorption (SA) sensory limits defined in Directive 2013/35/EU apply only to ultra-short-pulsed radio-frequency waveforms capable of inducing the microwave hearing effect, e.g., powerful RADAR emissions, but not the Motorola Solutions radio(s) referenced herein.