

## EU Declaration of Conformity (DoC-15031800079-F)

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  
2011/65/EU on RoHS-2 for Restriction of the use of Hazardous Substances  
2012/19/EU WEEE Waste Electrical and Electronic Equipment  
2013/35/EU on Occupational Exposure to Electromagnetic Fields  
1999/5/EC on Radio Equipment and Telecommunications Terminal Equipment (Non-RED Countries)

**Object of the Declaration:** Tetra Subscribers  
MTP3xxx Dimetra Portable 350-470 MHz, 1.8W  
MTP3100 Dimetra Portable with Type Designator PTB952F  
MTP3200 Dimetra Portable, with Type Designator PTB952FE  
MTP3150/3250 Dimetra Portable with Type Designator PTB952HE  
MTP3500 Dimetra Portable with Type Designator PTBP952FE  
MTP3550 Dimetra Portable with Type Designator PTBP952HE  
National Licensed Frequencies only

**Superseded Remarks:** Supersedes DOC-15031800079-E

**Manufacturer:** Motorola Solutions Germany GmbH , Am Borsigturm 130, 13507 Berlin, Germany

### Conformity:

#### Radio Equipment, Article 3(2):

RED:  
EN 300 328 V2.1.1,  
EN 300 440-2 V1.4.1,  
EN 302 561 v2.1.1  
RTTE  
EN 300 328 V1.9.1,  
EN 300 394 - 1 V2.3.1,  
EN 300 440 - 1 V1.6.1, EN 300 440 - 2 V1.4.1,  
EN 302 561 - V1.3.2,  
EN 303 035 - 1 V1.2.1, EN 303 035 - 2 V1.2.2

#### EMC, Article 3(1)b:

EN 301 489 - 1 V1.9.2,  
EN 301 489 - 17 V2.2.1,  
EN 301 489 - 18 V1.3.1

#### Safety, Article 3(1)a:

EN 60950 - 1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013  
compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits  
EN 62311:2008

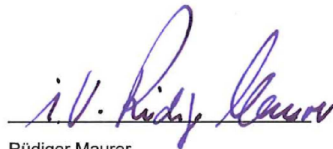
### Year of first application of CE mark: 2015

The essential radio test suites, as defined in the quoted harmonized standards, have been performed.

BERLIN, 04-JUL-2017



Andreas Scheunemann  
Managing Director Motorola Solutions Germany GmbH,  
Am Borsigturm 130, D-13507 Berlin, Germany



Rüdiger Maurer  
Director of Product Safety and Regulatory Compliance,  
Motorola Solutions Germany GmbH

**Rev. 1 Addendum to EU Declaration of Conformity (DoC-15031800079-F)**

This declaration of conformity is an addendum to above referenced product DoC and is issued under the sole responsibility of the manufacturer.

The accessories described below are in conformity with the relevant Union harmonisation legislation.

The listed accessories are certified and approved for use with the radios listed in the referenced DoC.

**AUDIO**

GMMN4579A	C-C400 Com-Control Unit
GMMN4584A	HC-2 Helmet-Com Unit Bone-Mic/Dual Speaker
GMMN4585A	HC-1 Helmet-Com Unit Bone-Mic/Single Speaker
HKLN4478B	TRANSPARENT ACOUSTIC TUBE ACCY
HKLN4512A	TWO-WAY RADIO BLUETOOTH POD/BULK KIT
NNTN8191C	BT ACCY KIT, STD PAIR, NCHGR
NNTN8294A	OPERATIONS CRITICAL 1-WIRE EARBUD 29CM CORD BLACK
NNTN8295A	OPERATIONS CRITICAL 1-WIRE EARBUD 116CM CORD BLACK
NNTN8299A	EARTIPS, REPLACEMENT
NTN2572A	EARPIECE WITH 12" CABLE (FOR USE WITH BLUETOOTH POD)
PMLN4620B	D-SHELL RECEIVE ONLY EARPIECE (ONE SIZE) FOR REMOTE SPEAKER MICROPHONE
PMLN5726A	2-wire surveillance kit, beige
PMLN5728A	Receive only earpiece, Magone
PMLN5729A	Impress ear microphone system
PMLN5733A	Earbud with inline Mic/PTT, Magone
PMLN6635A	LIGHTWEIGHT HEADSET
PMLN6754A	3-WIRE SURVEILLANCE KIT W/QD ADAPTER AND CLEAR ACOUSTIC TUBE, BLACK
PMLN6755A	3-WIRE SURVEILLANCE KIT W/QD ADAPTER AND CLEAR ACOUSTIC TUBE, BEIGE
PMLN6757A	ADJUST D-STYLE W/ IN-LINE PTT/MIC
PMLN6758A	1-WIRE RCV ONLY QD TRANS TUBE BLK



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### AUDIO

PMLN6759A	IMPRESS TEMPLE TRANSDUCER
PMLN6761A	BREEZE HEADSET MAGEONE
PMLN7052A	OPERATIONS CRITICAL WIRELESS 1-WIRE SURVEILLANCE KIT WITH TRANSLUCENT TUBE
PMLN7269A	NEW 2 WIRE SURVEILLANCE KIT, BLACK
PMMN4072A	IMPRES RSM large 3.5 jack NC Emerg
PMMN4074A	Impress RSM with 3,5mm Jack
PMMN4075A	REMOTE SPEAKER MICROPHONE SMALL, NO EMERGENCY, IP57
PMMN4078A	RSM small 3.5 jack, Emerg
RLN4885B	RECEIVE-ONLY COVERED EARBUD WITH COILED CORD
RLN4941A	RECEIVER-ONLY EARPIECE WITH TRANSLUCENT TUBE AND RUBBER EARTIP FOR REMOTE SPEAKER MICROPHONE

### BATTERY

NNTN8020A	BATTERY LIION LOW CAP (1650MAH) 3.6V NON-IMPRES, IP55
NNTN8020ACÂ Â	3.7V LITHIUM ION BATTERY, 6.1WH
NNTN8023B	BATTERY LI-ION HIGH CAP (2150MAH) 3.6V NON-IMPRES, IP55
NNTN8023BC	3.7V LITHIUM ION BATTERY, 8.1WH, 2200MAH

### OTHERS

PMKN4122A	RS232 Data Cable
PMKN4127A	Data Cable
PMKN4129A	USB cable

### 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.

The above accessories are shown with their global part numbers. In practice the accessory will have a regional prefix. Prefixes are purely done for regional kitlings - primarily the manual (languages) and packaging. Prefixes are MD for European countries, AA of United States and AZ for Asia/Pacific region.

Note: A copy of the above referenced signed and dated Declaration of Conformity can be obtained either via your local Motorola help desk, via your dealer from where you purchased this radio or alternatively you can send an email request to [manufacturerdeclaration.eu@motorolasolutions.com](mailto:manufacturerdeclaration.eu@motorolasolutions.com), or via <http://www.motorolasolutions.com/Business/XU-EN/BMS+Resource+Library>

## 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 radio(s) model(s) with approved accessories

Model Number	Type Designator	Description
MDH61PCF6TZ1BN	PTB952F	MTP3100 (Boromir Refresh), 350-470 MHz, 1.8W, LKP, Display, geolocation/no-geolocation versions
MDH62PCF6TZ7BN	PTB952FE	MTP3200 (Boromir Refresh), 350-470 MHz, 1.8W, LKP, GPS/GLONASS/BEIDOU, BT, Display
MDH62PCF6TZ8AN	PTBP952FE	MTP3500 (Boromir Plus), 350-470 MHz, 1.8W, LKP, GPS/GLONASS/BEIDOU, BT, Display, SIM and no SIM versions
MDH63PCH6TZ3BN	PTB952HE	MTP3150 (Boromir Refresh), 350-470 MHz, 1.8W, FKP, GPS/GLONASS/BEIDOU, Display
MDH63PCH6TZ5BN	PTB952HE	MTP3250 (Boromir Refresh), 350-470 MHz, 1.8W, FKP, GPS/GLONASS/BEIDOU, BT, Display
MDH63PCH6TZ8AN	PTBP952HE	MTP3550 (Boromir Plus), 350-470 MHz, 1.8W, FKP, GPS/GLONASS/BEIDOU, BT, Display, SIM and no SIM versions

with the ICNIRP<sup>1</sup> 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,<sup>2</sup> forming the basis of the applicable radio-frequency 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 Motorola Solutions radios were conducted in accordance with harmonised<sup>3</sup> standard EN 62311:2008,<sup>4</sup> using standard operating configuration for the device(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,<sup>5</sup> show that said Motorola Solutions' portable radio 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,<sup>6</sup> and both the health and the sensory ELVs defined in Directive 2013/35/EU.<sup>7</sup>

Sincerely,



Digitally signed by  
 Tiong Nguk Ing  
 DN: cn=Tiong Nguk  
 Ing, o=Motorola  
 Solutions,  
 ou=Regulatory  
 Compliance Lab,  
 email=tiongng@mts  
 solutions.com,  
 c=MY  
 Date: 2017.06.29  
 13:34:55 +0800

Tiong Nguk Ing on behalf of Pei Loo Tey  
 Penang EME Laboratory Manager  
 DATE : 29-JUN-2017

<sup>1</sup> ICNIRP (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.  
<sup>2</sup> Directive 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.  
<sup>3</sup> European Commission communication in the framework of the implementation of Directive 1999/5/EC of the European Parliament and of the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity. Official Journal of the European Union 2016/C 249/01.  
<sup>4</sup> EN 62311:2008 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz). Although the standard is defined for the general public, it provides guidance for occupational exposures in Annex B.  
<sup>5</sup> ISO/IEC 17025:2005. General requirements for the competence of testing and calibration laboratories.  
<sup>6</sup> Implicit 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.  
<sup>7</sup> 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.