

EU Declaration of Conformity (DoC-16113000607-B)

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 MTP6650 Dimetra Portable

MTP6650 with Type Designator, PTAR952AC
350-470MHz, 2.5W TX,
Full Keypad, TEDS, BT/WiFi™, GNSS, Display

National Licenced Frequencies Only

Superseded Remarks: This DoC supersedes DOC-16113000607-A

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 302 561 v2.1.1
RTTE
EN 300 328 V1.9.1,
EN 300 394 - 1 V2.3.1,
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

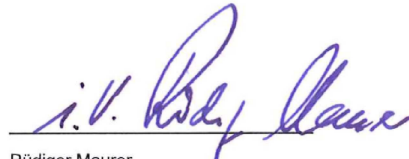
Year of first application of CE mark: 2016

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

BERLIN, 27-JUN-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-16113000607-B)

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

GMMN4584A	SAVOX HC-2 HELMET-COM UNIT BONE MIC / DUAL SPEAKER
NNTN8143C	REMOTE PTT BLUETOOTH POD (NON-SECURE)
NNTN8294A	OPERATIONS CRITICAL 1-WIRE EARBUD 29CM CORD BLACK
NNTN8295A	OPERATIONS CRITICAL 1-WIRE EARBUD 116CM CORD BLACK
NTN2572A	EARPIECE WITH 12" CABLE (FOR USE WITH BLUETOOTH POD)
PMLN5101A	IMPRES TEMPLE TRANSDUCER
PMLN5653A	IMPRES GCAI EAR MIC BONE CONDUCTIVE
PMLN6069A	Earbud w Inline Mic/PTT
PMLN6123A	IMPRES 3 WIRE W/ TRANS TUBE-BLK
PMLN6124A	IMPRES 3 WIRE W/ TRANS TUBE-BGE
PMLN6125A	1 WIRE SURVEILLANCE KIT-BLK
PMLN6126A	1 WIRE SURVEILLANCE KIT - BEIGE
PMLN6765A	TACTICAL GCAI PTT/VOX INTERFACE MODULE
PMLN6828A	Tactical Throat Microphone
PMLN6830A	TACTICAL REMOTE PTT RING SWITCH
PMLN6852A	NEXT GEN BTH HEAVY DUTY HEADSET GCAI
PMLN7188B	RECEIVE-ONLY EARPIECE WITH TRANSLUCENT TUBE, 3.5MM PLUG (ATEX)
PMLN7512A	AUDIO ACCESSORY-EARPIECE,RX-ONLY ADJ D-STYLE WITH GCAI CONNECTOR
PMMN4024A	REMOTE SPEAKER MICROPHONE
PMMN4085A	RSM



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AUDIO

PMMN4113A	OMNI RSMS
RLN5879A	1 WIRE SURVEILLANCE KIT RECEIVE-ONLY EARPIECE.BEIGE.
RMN4052B	PELTOR TACTICAL MEDIUM-WEIGHT HEADSET

BATTERY

NNTN8020A	BATTERY LIION LOW CAP (1650MAH) 3.6V NON-IMPRES, IP55
NNTN8023B	BATTERY LI-ION HIGH CAP (2150MAH) 3.6V NON-IMPRES, IP55
PMNN4522A	BATT LI-ION HIGH CAP (3400MAH) IMPRES

CHARGER

30012040002	VPM 1m cable
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OTHERS

PMKN4122A	Cable: Bottom Connector RS232 serial cable for Freon UART ROM boot loader with activation switch
PMKN4124A	Cable: Bottom connector 1-wire serial cable for KVL E2E key loading
PMKN4127A	Cable: Bottom Connector RS232 serial cable for KVL Air Interface Encryption
PMLN6829A	TACTICAL EAR MICROPHONE
PMLN6833A	TACTICAL HEAVY-DUTY TEMPLE TRANSDUCER WITH NOISE CANCELLING BOOM MICROPHONE (REQUIRES INTERFACE MODULE PMLN6827)

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 kittings - 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, 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
MDH66PCN6TZ8ANB	PTAR952AC	MTP6650 350-470 MHz, 2.5W nominal (2.8W max), FKP, TEDS, BT/WiFi, GNSS, Display
PMUE5122A	PTAR952AC	MTP6650 350-470 ROM
PMUE5122B	PTAR952AC	MTP6650 350-470 ROM CLR

with the 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 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 harmonised³ standard EN 62311:2008,⁴ 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 17025,⁵ 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,⁶ and both the health and the sensory ELVs defined in Directive 2013/35/EU.⁷

Sincerely,



**Tiong
Nguk
Ing**

Digitally signed by Tiong
Nguk Ing
DN: cn=Tiong Nguk Ing,
o=Motorola Solutions,
ou=Regulatory
Compliance Lab,
email=Tiong@motorola
solutions.com, c=MY
Date: 2017.06.13 11:37:04
+08'00'

Tiong Nguk Ing on behalf of Pei Loo Tey
 Penang EME Laboratory Manager
 DATE : 13-JUN-2017

¹ 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.
² 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.
³ 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.
⁴ 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.
⁵ ISO/IEC 17025:2005. General requirements for the competence of testing and calibration laboratories.
⁶ 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.
⁷ 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.