



EU Declaration of Conformity (DoC-16041800284-D)

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

Object of the Declaration: PMR446 Portable Radio

TALKABOUT T92 H2O

IXUE2102B PMR446, 0.5W, 12.5kHz
IXUE2101B Twin Pack

Superseded Remarks: This DoC supersedes DOC-16041800284-C

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

Conformity:

EN 300 296 V2.1.1

EN 301 489-1 V1.9.2

EN 301 489-5 V1.3.1

EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013

Compliant with the ICNIRP (1998) General Population / Uncontrolled Exposure

EN 50360:2017

EN 50566:2017

Year of first application of CE mark: 2016

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

BERLIN, 21-NOV-2018

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Rev. 1 Addendum to EU Declaration of Conformity (DoC-16041800284-D)

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.

<u>PART NUMBER</u>	<u>DESCRIPTION (FOR INFORMATION ONLY)</u>
AUDIO	
1518	Surveillance Headset
1884	Wired PTT button + Headset with Boom Microphone Bundle(56320B)
56320B	Earpiece w/Boom Microphone
IXTN4011A (00265)	SINGLE PIN EARPIECE WITH BOOM MIC/VOX
IXTN4022A (00641)	Surveillance Headset with Push-to-talk Microphone
NTN8867A (53724C 00181)	Remote Speaker Microphone
NTN8868CR (00179)	SINGLE PIN HEADSET WITH SWIVEL BOOM MIC/VOX
NTN8870D (53727B 00174)	Earbud WPush-to-Talk Microphone
NTN8891B (53728A)	Flexible Ear Receiver
PMLN7251A	Earbud with PTT Microphone (PVC free)
BATTERY	
1532	1300MAH 3XAA NIMH RECHARGEABLE BATTERY PACK
PMNN4477A	800MAH 3XAA NIMH RECHARGEABLE BATTERY PACK

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 the Basic Restrictions in Council Recommendation 1999/519/EC and the Exposure Level Values (ELVs) in Directive 2013/35/EU

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

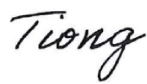
<u>Model Number</u>	<u>Type Designator</u>	<u>Description</u>
A9P00811YWCMAG (IXUE2102B)		Talkabout-T92 H2O Twin Pack

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 Council Recommendation 1999/519/EC², establishing limitation of exposure of the general public to electromagnetic fields, and the European Directive 2013/35/EU³, 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 harmonized⁴ standard EN50360⁵ and EN50566⁶, 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 17025,⁷ 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 Basic Restrictions established in Council Recommendation 1999/519/EC, and both the health and the sensory ELVs defined in Directive 2013/35/EU⁸

Sincerely,


Tiong
Nguk
Ing

Digitally
signed by
Tiong Nguk
Ing
Date:
2018.11.14
16:42:10
+08'00'

Tiong Nguk Ing on behalf of Pei Loo Tey
Penang EME Laboratory Manager
DATE : 14-NOV-2018

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.

²Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz).

³Directive 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.

⁴Directive 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.

⁵EN50360:2017 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.

⁶EN50566:2017 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.

⁷ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories.

⁸The 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.