



## EU Declaration of Conformity (DoC-20121802359-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 (RED)  
2011/65/EU Restriction of Hazardous Substances Directive (RoHS)  
2012/19/EU Waste Electrical and Electronic Equipment Directive (WEEE)  
2013/35/EU Electromagnetic Fields Directive (EMF)

**Object of the Declaration:** MOTOTRBO™ Mobile Radio  
DM4400e, DM4600e

DM4400e, MBAR307D  
DM4600e, MBAR307N

136-174MHz, 25-45W, 12.5/20/25kHz

National Licenced Frequencies Only

This DoC supersedes DOC-20121802359-A

**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 300 086 V2.1.2  
EN 300 113 V2.2.1  
EN 300 219 V2.1.1

EN 301 489-1 V2.2.3  
EN 301 489-5 V2.2.1

EN 62368-1:2014+AC:2015+A11:2017

Compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits  
EN 62311:2008

**Others:**

This product shows compliance with Automotive Regulation ECE10, marked with E24 10R-063463

KRAKOW, 02-JUN-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

**Document Keeper:** Motorola Solutions Systems Polska Sp. z o.o., Ul.Czerwone Maki 82, 30-392 Krakow, Poland



## Rev. 1 Addendum to EU Declaration of Conformity (DoC-20121802359-B)

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

| <u>PART NUMBER</u> | <u>DESCRIPTION (FOR INFORMATION ONLY)</u>                                  |
|--------------------|--|
| <b>ANTENNA</b>     |  |
| HAD4006A           | UNITY GAIN ANTENNA QUARTERWAVE VHF 136-144 - ROOF MOUNT<br>136-144 MHZ     |
| HAD4007A           | UNITY GAIN ANTENNA QUARTERWAVE VHF 144-150.8 - ROOF MOUNT<br>146-150.8MHZ  |
| HAD4008A           | UNITY GAIN ANTENNA QUARTERWAVE VHF 150.8-162 - ROOF MOUNT<br>150.8-162 MHZ |
| HAD4009A           | UNITY GAIN ANTENNA QUARTERWAVE VHF 162-174 - ROOF MOUNT<br>162-174MHZ      |
| HAD4022A           | ANTENNA 132-174 3DB GAIN 132-174MHZ  |
| RAD4199A           | ANTENNA, STUBBY,ANT BNC 146-150.8 MHZ 1/4 WAVE ROOF                        |
| RAD4200A           | ANT, 1/4 WAVE ROOF MT, W/BNC 150.8-162                                     |
| RAD4201A           | ANT BNC 162-172 MHZ 1/4 WAVE ROOF 162-174                                  |
| <b>AUDIO</b>       |  |
| HKN4137A           | POWER CABLE TO BATTERY, 3M (10 FT.), 15 AMP (1                             |
| PMLN5718AS         | OPTION BOARD KIT   |
| RMN5127C           | IMPRES 4-WAY NAVIGATION KEYPAD MICROPHONE WITH ENHANCED<br>AUDIO           |
| RSN4002A           | 13 WATT EXTERNAL SPEAKER   |
| <b>CHARGER</b>     |  |
| HKN4191            | CABLE, ASSEMBLY, MM,MOBILE PWR CABLE 10 FT, 12 AWG, 20A                    |
| HKN4192            | CABLE, ASSEMBLY,0,CABLE, DC POWER  |
| HKN6184            | MOBILE FRONT (MMP) PROGRAMMING CABLE                                       |
| PMKN4010           | MAP PROGRAMMING CABLE  |
| PMKN4016           | MAP PROGRAMMING AND TEST CABLE   |
| PMKN4018           | MOBILE AND REPEATER REAR ACCESSORY CONNECTOR UNIVERSAL<br>CABLE            |
| PMKN4033           | MOBILE MIC EXTENSION CABLE, 10 FEET  |
| PMKN4034           | MOBILE MIC EXTENSION CABLE, 20 FEET  |



## Rev. 1 Addendum to EU Declaration of Conformity (DoC-20121802359-B)

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

| <u>PART NUMBER</u> | <u>DESCRIPTION (FOR INFORMATION ONLY)</u> |
|--------------------|---|
|--------------------|---|

### CHARGER

|           |                                    |
|-----------|------------------------------------|
| PMLN6050A | WPOD, BC, ANZ CHGR                 |
| PMPN4006A | CHARGER, MICRO USB (EU/UK)         |
| PMPN4006B | PWR SUPPLY, SMP5, MICRO USB, EU/UK |

### OTHERS

|            |                                 |
|------------|---------------------------------|
| 3002695B05 | POWER CABLE, UK PLUG (STRAIGHT) |
| 3060665A05 | EURO LINE CORD                  |
| RLN5929    | EMERGENCY FOOTSWITCH            |
| RSN4002    | 13-WATT EXTERNAL SPEAKER        |

### 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 applicable RF energy exposure limits

This declaration confirms compliance of Motorola Solutions mobile radio(s) with certified accessories

| Model Number   | Type Designator | Description  |
|----------------|-----------------|--|
| MDM28JQC9RA2AN | MBAR307DE       | DM4401e, VHF 136-174 MHz, 25-45W, 12.5/20/25kHz, numeric display, BT/GNSS/Wi-Fi      |
| MDM28JQC9VA2AN | MBAR307D        | DM4400e, VHF 136-174 MHz, 25-45W, 12.5/20/25kHz, numeric display                     |
| MDM28JQN9RA2AN | MBAR307NE       | DM4601e, VHF 136-174 MHz, 25-45W, 12.5/20/25kHz, alphanumeric display, BT/GNSS/Wi-Fi |
| MDM28JQN9VA2AN | MBAR307N        | DM4600e, VHF 136-174 MHz, 25-45W, 12.5/20/25kHz, alphanumeric display                |

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.

For these radio models, RF exposure evaluations were carried out in accordance with harmonised<sup>3</sup> standard EN 62311:2008,<sup>4</sup> following best practices defined in IEEE Std C95.3,<sup>5</sup> with the corresponding results scaled to the applicable highest certified power levels in all tested frequency bands.

RF exposure evaluations were performed at the Motorola Solutions Electromagnetic Energy (EME) laboratory, which has been certified to ISO/IEC Guide 17025 by an independent accrediting agency, the American Association for Laboratory Accreditation (A2LA), in accordance with the applicable ISO/IEC accreditation guidelines.

As certified in the Motorola Solutions EME lab, these radio models, at the highest applicable certified power levels, are compliant with the applicable exposure limits defined by ICNIRP.

Sincerely,



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Tiong Nguk In on behalf of Pei Loo Tey  
Penang EME Laboratory Manager  
DATE : 08-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> IEEE Std C95.3-2010 IEEE Recommended Practice for Measurements and Computations of Electric, Magnetic, and Electromagnetic Fields with Respect to Human Exposure to Such Fields, 0 HZ to 100 kHz.

## Déclaration UE de Conformité (DoC-20121802359-B)

La présente déclaration de conformité est établie sous la seule responsabilité du fabricant. L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union applicable:

Directive 2014/53/UE (RED)  
Directive 2011/65/UE (RoHS)  
Directive 2012/19/UE (WEEE)  
Directive 2013/35/UE (EMF)

**Objet de la déclaration:** MOTOTRBO™ Mobile Radio  
DM4400e, DM4600e

DM4400e, MBAR307D  
DM4600e, MBAR307N

136-174MHz, 25-45W, 12.5/20/25kHz

National Licenced Frequencies Only

Cette déclaration de conformité remplace DOC-20121802359-A

**Mis sur le marché par:** Motorola Solutions Systems Polska Sp. z o.o. , Ul.Czerwone Maki 82, 30-392 Krakow, Poland

**Par conformité, nous faisons référence à la conformité avec les exigences applicables des normes suivantes :**

EN 300 086 V2.1.2  
EN 300 113 V2.2.1  
EN 300 219 V2.1.1

EN 301 489-1 V2.2.3  
EN 301 489-5 V2.2.1

EN 62368-1:2014+AC:2015+A11:2017

Conforme à la directive ICNIRP (1998) sur les limites d'exposition contrôlée ou à usage professionnel  
EN 62311:2008

**Autres:**

This product shows compliance with Automotive Regulation ECE10, marked with E24 10R-063463

**Détenteur du document:** Motorola Solutions Systems Polska Sp. z o.o., Ul.Czerwone Maki 82, 30-392 Krakow, Poland

Nous confirmons l'exactitude de cette traduction. Celle-ci est valable uniquement si elle est fournie avec la version anglaise d'origine signée.

## Rev. 2 Complément à Déclaration UE de Conformité (DoC-20121802359-B)

Les accessoires énumérés sont autorisés à être utilisés dans le cadre de cette déclaration.

### NUMÉRO DE PIÈCE

#### ANTENNE

|          |          |          |
|----------|----------|----------|
| HAD4006A | HAD4007A | HAD4008A |
| HAD4009A | HAD4022A | RAD4199A |
| RAD4200A | RAD4201A |          |

#### AUDIO

|          |            |          |
|----------|------------|----------|
| HKN4137A | PMLN5718AS | RMN5127C |
| RSN4002A |            |          |

#### CHARGEUR

|           |           |           |
|-----------|-----------|-----------|
| HKN4191   | HKN4192   | HKN6184   |
| PMKN4010  | PMKN4016  | PMKN4018  |
| PMKN4033  | PMKN4034  | PMLN6050A |
| PMPN4006A | PMPN4006B |           |

#### AUTRES COMMENTAIRES

|            |            |         |
|------------|------------|---------|
| 3002695B05 | 3060665A05 | RLN5929 |
| RSN4002    |            |         |

#### LOGICIEL

Le logiciel radio installé est sous l'entière responsabilité du fabricant, sans aucun accès par l'utilisateur et est conforme aux directives applicables.

FW: R02.23.01.1002 ; CP: 23.21.05



## **EU-Konformitätserklärung (DoC-20121802359-B)**

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller. Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union:

Richtlinie 2014/53/EU (RED)  
Richtlinie 2011/65/EU (RoHS)  
Richtlinie 2012/19/EU (WEEE)  
Richtlinie 2013/35/EU (EMF)

**Gegenstand der Erklärung:** MOTOTRBO™ Mobile Radio  
DM4400e, DM4600e

DM4400e, MBAR307D  
DM4600e, MBAR307N

136-174MHz, 25-45W, 12.5/20/25kHz

National Licenced Frequencies Only

Diese Konformitätserklärung ersetzt die DOC-20121802359-A

**Auf den Markt gebracht durch:** Motorola Solutions Systems Polska Sp. z o.o. , Ul.Czerwone Maki 82, 30-392 Krakow, Poland

**Die Konformität wird durch die Einhaltung der geltenden Anforderungen der folgenden Standards gezeigt:**

EN 300 086 V2.1.2  
EN 300 113 V2.2.1  
EN 300 219 V2.1.1

EN 301 489-1 V2.2.3  
EN 301 489-5 V2.2.1

EN 62368-1:2014+AC:2015+A11:2017

Konform mit den ICNIRP (1998) Grenzwerten berufsbedingter/kontrollierter Exposition  
EN 62311:2008

**Weitere:**

This product shows compliance with Automotive Regulation ECE10, marked with E24 10R-063463

**Dokumentverwaltung:** Motorola Solutions Systems Polska Sp. z o.o., Ul.Czerwone Maki 82, 30-392 Krakow, Poland

Wir bestätigen die Richtigkeit dieser Übersetzung. Sie ist nur gültig, wenn sie mit der signierten englischen Originalversion bereitgestellt wurde.

**DE**

## Rev. 2 Zusatz zu EU-Konformitätserklärung (DoC-20121802359-B)

Die aufgeführten Zubehörteile sind zur Verwendung mit dem Gegenstand dieser Erklärung zugelassen.

### TEILNUMMER

#### ANTENNE

|          |          |          |
|----------|----------|----------|
| HAD4006A | HAD4007A | HAD4008A |
| HAD4009A | HAD4022A | RAD4199A |
| RAD4200A | RAD4201A |          |

#### AUDIOZUBEHÖR

|          |            |          |
|----------|------------|----------|
| HKN4137A | PMLN5718AS | RMN5127C |
| RSN4002A |            |          |

#### LADEGERÄT

|           |           |           |
|-----------|-----------|-----------|
| HKN4191   | HKN4192   | HKN6184   |
| PMKN4010  | PMKN4016  | PMKN4018  |
| PMKN4033  | PMKN4034  | PMLN6050A |
| PMPN4006A | PMPN4006B |           |

#### ANDERE

|            |            |         |
|------------|------------|---------|
| 3002695B05 | 3060665A05 | RLN5929 |
| RSN4002    |            |         |

#### SOFTWARE

Die installierte Funkgerätesoftware unterliegt der vollständigen Kontrolle des Herstellers ohne Zugriff durch den Benutzer und entspricht den dazugehörigen Richtlinien.  
FW: R02.23.01.1002 ; CP: 23.21.05



## Dichiarazione di conformità UE (DoC-20121802359-B)

La presente dichiarazione di conformità è rilasciata sotto l'esclusiva responsabilità del fabbricante. L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione:

Direttiva 2014/53/UE (RED)  
Direttiva 2011/65/UE (RoHS)  
Direttiva 2012/19/UE (WEEE)  
Direttiva 2013/35/UE (EMF)

**Oggetto della dichiarazione:** MOTOTRBO™ Mobile Radio  
DM4400e, DM4600e

DM4400e, MBAR307D  
DM4600e, MBAR307N

136-174MHz, 25-45W, 12.5/20/25kHz

National Licenced Frequencies Only

Questa Dichiarazione di conformità sostituisce DOC-20121802359-A

**Commercializzato da:** Motorola Solutions Systems Polska Sp. z o.o. , Ul.Czerwone Maki 82, 30-392 Krakow, Poland

**La conformità è dimostrata dalla rispondenza ai requisiti applicabili dei seguenti standard:**

EN 300 086 V2.1.2  
EN 300 113 V2.2.1  
EN 300 219 V2.1.1

EN 301 489-1 V2.2.3  
EN 301 489-5 V2.2.1

EN 62368-1:2014+AC:2015+A11:2017

Conforme ai limiti di esposizione per scopi professionali/controllati dello standard ICNIRP (1998)  
EN 62311:2008

**Altri:**

This product shows compliance with Automotive Regulation ECE10, marked with E24 10R-063463

**Riferimento del documento:** Motorola Solutions Systems Polska Sp. z o.o., Ul.Czerwone Maki 82, 30-392 Krakow, Poland

Si conferma la correttezza di questa traduzione. è valida solo se fornita con la versione originale in inglese firmata.

**Rev. 2 Allegato al Dichiarazione di conformità UE (DoC-20121802359-B)**

Gli accessori elencati sono approvati per l'uso con l'oggetto della presente dichiarazione.

NUMERO DI PARTE

## ANTENNA

HAD4006A

HAD4007A

HAD4008A

HAD4009A

HAD4022A

RAD4199A

RAD4200A

RAD4201A

## AUDIO

HKN4137A

PMLN5718AS

RMN5127C

RSN4002A

## CARICABATTERIA

HKN4191

HKN4192

HKN6184

PMKN4010

PMKN4016

PMKN4018

PMKN4033

PMKN4034

PMLN6050A

PMPN4006A

PMPN4006B

## ALTRO

3002695B05

3060665A05

RLN5929

RSN4002

## SOFTWARE

Il software della radio installato è sotto il completo controllo del costruttore senza accesso da parte dell'utente ed è conforme alle direttive pertinenti.

FW: R02.23.01.1002 ; CP: 23.21.05



## **Deklaracja zgodności UE (DoC-20121802359-B)**

Niniejszą deklarację zgodności wydaje się na wyłączną odpowiedzialność producenta.  
Wymieniony poniżej przedmiot niniejszej deklaracji jest zgodny z odnośnymi wymaganiami unijnego  
prawodawstwa harmonizacyjnego:

Dyrektywa 2014/53/UE (RED)  
Dyrektywa 2011/65/UE (RoHS)  
Dyrektywa 2012/19/UE (WEEE)  
Dyrektywa 2013/35/UE (EMF)

**Przedmiot deklaracji:** MOTOTRBO™ Mobile Radio  
DM4400e, DM4600e

DM4400e, MBAR307D  
DM4600e, MBAR307N

136-174MHz, 25-45W, 12.5/20/25kHz

National Licenced Frequencies Only

Niniejsza deklaracja zgodności zastępuje DOC-20121802359-A

**Wprowadzony do obrotu przez:** Motorola Solutions Systems Polska Sp. z o.o. , Ul.Czerwone Maki 82, 30-392  
Krakow, Poland

### **Odwołania do norm, w odniesieniu do których deklarowana jest zgodność:**

EN 300 086 V2.1.2  
EN 300 113 V2.2.1  
EN 300 219 V2.1.1

EN 301 489-1 V2.2.3  
EN 301 489-5 V2.2.1

EN 62368-1:2014+AC:2015+A11:2017

Zgodność z wytycznymi określonymi przez Międzynarodową Komisję Ochrony przed  
Promieniowaniem Niejonizującym ICNIRP (1998)  
EN 62311:2008

### **Pozostałe:**

This product shows compliance with Automotive Regulation ECE10, marked with E24 10R-063463

**Właściciel dokumentu:** Motorola Solutions Systems Polska Sp. z o.o., Ul.Czerwone Maki 82, 30-392 Krakow, Poland

Potwierdzamy poprawność niniejszego tłumaczenia. Obowiązuje jedynie z podpisanym oryginałem w języku angielskim.

**Rev. 2 Uzupelnienie do Deklaracja zgodności UE (DoC-20121802359-B)**

Wymienione akcesoria są dopuszczone do użytku z przedmiotem niniejszej deklaracji.

NUMER KATALOGOWY

## ANTENA

HAD4006A

HAD4007A

HAD4008A

HAD4009A

HAD4022A

RAD4199A

RAD4200A

RAD4201A

## AUDIO

HKN4137A

PMLN5718AS

RMN5127C

RSN4002A

## ŁADOWARKA

HKN4191

HKN4192

HKN6184

PMKN4010

PMKN4016

PMKN4018

PMKN4033

PMKN4034

PMLN6050A

PMPN4006A

PMPN4006B

## INNE

3002695B05

3060665A05

RLN5929

RSN4002

## OPROGRAMOWANIE

Zainstalowane oprogramowanie radiowe pozostaje pod pełną kontrolą producenta bez możliwości ingerencji przez użytkownika. Oprogramowanie jest w zgodności z jednostronnymi wymaganiami unijnego prawodawstwa harmonizacyjnego.

FW: R02.23.01.1002 ; CP: 23.21.05

## Declaração UE de conformidade (DoC-20121802359-B)

A presente declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante. O objeto da declaração acima mencionada está em conformidade com a legislação de harmonização da União aplicável:

Diretiva 2014/53/UE (RED)  
Diretiva 2011/65/EU (RoHS)  
Diretiva 2012/19/EU (WEEE)  
Diretiva 2013/35/EU (EMF)

**Objeto da declaração:** MOTOTRBO™ Mobile Radio  
DM4400e, DM4600e

DM4400e, MBAR307D  
DM4600e, MBAR307N

136-174MHz, 25-45W, 12.5/20/25kHz

National Licenced Frequencies Only

Esta Declaração de Conformidade substitui DOC-20121802359-A

**Introduzido no mercado por:** Motorola Solutions Systems Polska Sp. z o.o. , Ul.Czerwone Maki 82, 30-392 Krakow, Poland

**A conformidade é demonstrada pela concordância com os requisitos aplicáveis das seguintes normas:**

EN 300 086 V2.1.2  
EN 300 113 V2.2.1  
EN 300 219 V2.1.1

EN 301 489-1 V2.2.3  
EN 301 489-5 V2.2.1

EN 62368-1:2014+AC:2015+A11:2017

Em conformidade com os limites de Exposição Ocupacional/Controlada da ICNIRP (1998)  
EN 62311:2008

**Outros:**

This product shows compliance with Automotive Regulation ECE10, marked with E24 10R-063463

**Proprietário do documento:** Motorola Solutions Systems Polska Sp. z o.o., Ul.Czerwone Maki 82, 30-392 Krakow, Poland

A exatidão desta tradução está confirmada e é válida apenas se fornecida com a versão original em inglês assinada.

## Rev. 2 Adendo à Declaração UE de conformidade (DoC-20121802359-B)

Os acessórios listados são aprovados para uso com o objeto desta declaração.

### NÚMERO DA PEÇA

#### ANTENA

|          |          |          |
|----------|----------|----------|
| HAD4006A | HAD4007A | HAD4008A |
| HAD4009A | HAD4022A | RAD4199A |
| RAD4200A | RAD4201A |          |

#### ÁUDIO

|          |            |          |
|----------|------------|----------|
| HKN4137A | PMLN5718AS | RMN5127C |
| RSN4002A |            |          |

#### CARREGADOR

|           |           |           |
|-----------|-----------|-----------|
| HKN4191   | HKN4192   | HKN6184   |
| PMKN4010  | PMKN4016  | PMKN4018  |
| PMKN4033  | PMKN4034  | PMLN6050A |
| PMPN4006A | PMPN4006B |           |

#### OUTRO

|            |            |         |
|------------|------------|---------|
| 3002695B05 | 3060665A05 | RLN5929 |
| RSN4002    |            |         |

#### PROGRAMAS

O software de rádio instalado está sob o controle total do fabricante, sem acesso do usuário e está em conformidade com as diretivas relevantes.

FW: R02.23.01.1002 ; CP: 23.21.05

## Declaración UE de conformidad (DoC-20121802359-B)

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante. El objeto de la declaración descrito anteriormente es conforme con la legislación de armonización pertinente de la Unión:

Directiva 2014/53/UE (RED)  
Directiva 2011/65/UE (RoHS)  
Directiva 2012/19/UE (WEEE)  
Directiva 2013/35/UE (EMF)

**Objeto de la declaración:** MOTOTRBO™ Mobile Radio  
DM4400e, DM4600e

DM4400e, MBAR307D  
DM4600e, MBAR307N

136-174MHz, 25-45W, 12.5/20/25kHz

National Licenced Frequencies Only

Esta Declaración de conformidad reemplaza a DOC-20121802359-A

**introducido en el mercado por:** Motorola Solutions Systems Polska Sp. z o.o. , Ul.Czerwone Maki 82, 30-392 Krakow, Poland

**La conformidad se acreditará mediante el cumplimiento de los requisitos aplicables de los siguientes estándares:**

EN 300 086 V2.1.2  
EN 300 113 V2.2.1  
EN 300 219 V2.1.1

EN 301 489-1 V2.2.3  
EN 301 489-5 V2.2.1

EN 62368-1:2014+AC:2015+A11:2017

Cumple con ICNIRP (1998) sobre límites de exposición ocupacional/controlada  
EN 62311:2008

**Otros:**

This product shows compliance with Automotive Regulation ECE10, marked with E24 10R-063463

**Custodio de la documentación:** Motorola Solutions Systems Polska Sp. z o.o., Ul.Czerwone Maki 82, 30-392 Krakow, Poland

Confirmamos la exactitud de esta traducción. Solo es válida si se proporciona con la versión original en inglés firmada.

## Rev. 2 Anexo a Declaración UE de conformidad (DoC-20121802359-B)

Los accesorios listados están aprobados para su uso con el objeto de esta declaración.

### NÚMERO DE PIEZA

#### ANTENA

|          |          |          |
|----------|----------|----------|
| HAD4006A | HAD4007A | HAD4008A |
| HAD4009A | HAD4022A | RAD4199A |
| RAD4200A | RAD4201A |          |

#### AUDIO

|          |            |          |
|----------|------------|----------|
| HKN4137A | PMLN5718AS | RMN5127C |
| RSN4002A |            |          |

#### CARGADOR

|           |           |           |
|-----------|-----------|-----------|
| HKN4191   | HKN4192   | HKN6184   |
| PMKN4010  | PMKN4016  | PMKN4018  |
| PMKN4033  | PMKN4034  | PMLN6050A |
| PMPN4006A | PMPN4006B |           |

#### OTROS

|            |            |         |
|------------|------------|---------|
| 3002695B05 | 3060665A05 | RLN5929 |
| RSN4002    |            |         |

#### SOFTWARE

El software de radio instalado se encuentra bajo el control total del fabricante sin acceso por parte del usuario y cumple con las directivas pertinentes.

FW: R02.23.01.1002 ; CP: 23.21.05



## UK Declaration of Conformity (DoC-20121802359-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 UK legislation:

The Radio Equipment Regulations 2017

Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

The Waste Electrical and Electronic Equipment Regulations 2013

The Control of Electromagnetic Fields at Work Regulations 2016

**Object of the declaration:** MOTOTRBO™ Mobile Radio  
DM4400e, DM4600e

DM4400e, MBAR307D

DM4600e, MBAR307N

136-174MHz, 25-45W, 12.5/20/25kHz

National Licenced Frequencies Only

This DoC supersedes DOC-20121802359-A

**Placed On The Market By:** Motorola Solutions UK, 160 Victoria St, London, SW1E 5LB, U.K.

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

EN 300 086 V2.1.2

EN 300 113 V2.2.1

EN 300 219 V2.1.1

EN 301 489-1 V2.2.3

EN 301 489-5 V2.2.1

EN 62368-1:2014+AC:2015+A11:2017

Compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits

EN 62311:2008

**Others:**

This product shows compliance with Automotive Regulation ECE10, marked with E24 10R-063463

KRAKOW, 02-JUN-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

**Document Keeper:** Motorola Solutions Systems Polska Sp. z o.o., Ul.Czerwone Maki 82, 30-392 Krakow, Poland



## Rev. 1 Addendum to UK Declaration of Conformity (DoC-20121802359-B)

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

(\* Non-UK types of power supply plugs can be only used with adaptor complying UKCA regulatory and BS 1363-3 standard.)

| <u>PART NUMBER</u> | <u>DESCRIPTION (FOR INFORMATION ONLY)</u>                                  |
|--------------------|--|
| <b>ANTENNA</b>     |  |
| HAD4006A           | UNITY GAIN ANTENNA QUARTERWAVE VHF 136-144 - ROOF MOUNT<br>136-144 MHZ     |
| HAD4007A           | UNITY GAIN ANTENNA QUARTERWAVE VHF 144-150.8 - ROOF MOUNT<br>146-150.8MHZ  |
| HAD4008A           | UNITY GAIN ANTENNA QUARTERWAVE VHF 150.8-162 - ROOF MOUNT<br>150.8-162 MHZ |
| HAD4009A           | UNITY GAIN ANTENNA QUARTERWAVE VHF 162-174 - ROOF MOUNT<br>162-174MHZ      |
| HAD4022A           | ANTENNA 132-174 3DB GAIN 132-174MHZ  |
| RAD4199A           | ANTENNA, STUBBY,ANT BNC 146-150.8 MHZ 1/4 WAVE ROOF                        |
| RAD4200A           | ANT, 1/4 WAVE ROOF MT, W/BNC 150.8-162                                     |
| RAD4201A           | ANT BNC 162-172 MHZ 1/4 WAVE ROOF 162-174                                  |
| <b>AUDIO</b>       |  |
| HKN4137A           | POWER CABLE TO BATTERY, 3M (10 FT.), 15 AMP (1                             |
| PMLN5718AS         | OPTION BOARD KIT   |
| RMN5127C           | IMPRES 4-WAY NAVIGATION KEYPAD MICROPHONE WITH ENHANCED<br>AUDIO           |
| RSN4002A           | 13 WATT EXTERNAL SPEAKER   |
| <b>CHARGER</b>     |  |
| HKN4191            | CABLE, ASSEMBLY, MM,MOBILE PWR CABLE 10 FT, 12 AWG, 20A                    |
| HKN4192            | CABLE, ASSEMBLY,0,CABLE, DC POWER  |
| HKN6184            | MOBILE FRONT (MMP) PROGRAMMING CABLE                                       |
| PMKN4010           | MAP PROGRAMMING CABLE  |
| PMKN4016           | MAP PROGRAMMING AND TEST CABLE   |
| PMKN4018           | MOBILE AND REPEATER REAR ACCESSORY CONNECTOR UNIVERSAL<br>CABLE            |
| PMKN4033           | MOBILE MIC EXTENSION CABLE, 10 FEET  |
| PMKN4034           | MOBILE MIC EXTENSION CABLE, 20 FEET  |



## Rev. 1 Addendum to UK Declaration of Conformity (DoC-20121802359-B)

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

(\* Non-UK types of power supply plugs can be only used with adaptor complying UKCA regulatory and BS 1363-3 standard.)

| <u>PART NUMBER</u> | <u>DESCRIPTION (FOR INFORMATION ONLY)</u> |
|--------------------|---|
|--------------------|---|

### CHARGER

|           |                                    |
|-----------|------------------------------------|
| PMLN6050A | WPOD, BC, ANZ CHGR                 |
| PMPN4006A | CHARGER, MICRO USB (EU/UK)         |
| PMPN4006B | PWR SUPPLY, SMPS, MICRO USB, EU/UK |

### OTHERS

|            |                                 |
|------------|---------------------------------|
| 3002695B05 | POWER CABLE, UK PLUG (STRAIGHT) |
| 3060665A05 | EURO LINE CORD                  |
| RLN5929    | EMERGENCY FOOTSWITCH            |
| RSN4002    | 13-WATT EXTERNAL SPEAKER        |

### 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 UK legislation.

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

## Electromagnetic Energy (EME) Test Laboratory

### Conformity of models listed with applicable RF energy exposure limits

This declaration confirms compliance of Motorola Solutions mobile radio(s) with certified accessories

| <u>Model Number</u> | <u>Type Designator</u> | <u>Description</u>   |
|---------------------|------------------------|--|
| MDM28JQC9RA2AN      | MBAR307DE              | DM4401e, VHF 136-174 MHz, 25-45W, 12.5/20/25kHz, numeric display, BT/GNSS/Wi-Fi      |
| MDM28JQC9VA2AN      | MBAR307D               | DM4400e, VHF 136-174 MHz, 25-45W, 12.5/20/25kHz, numeric display                     |
| MDM28JQN9RA2AN      | MBAR307NE              | DM4601e, VHF 136-174 MHz, 25-45W, 12.5/20/25kHz, alphanumeric display, BT/GNSS/Wi-Fi |
| MDM28JQN9VA2AN      | MBAR307N               | DM4600e, VHF 136-174 MHz, 25-45W, 12.5/20/25kHz, alphanumeric display                |

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.

For these radio models, RF exposure evaluations were carried out in accordance with harmonised<sup>3</sup> standard EN 62311:2008,<sup>4</sup> following best practices defined in IEEE Std C95.3,<sup>5</sup> with the corresponding results scaled to the applicable highest certified power levels in all tested frequency bands.

RF exposure evaluations were performed at the Motorola Solutions Electromagnetic Energy (EME) laboratory, which has been certified to ISO/IEC Guide 17025 by an independent accrediting agency, the American Association for Laboratory Accreditation (A2LA), in accordance with the applicable ISO/IEC accreditation guidelines.

As certified in the Motorola Solutions EME lab, these radio models, at the highest applicable certified power levels, are compliant with the applicable exposure limits defined by ICNIRP.

Sincerely,



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Tiong Nguk In on behalf of Pei Loo Tey  
Penang EME Laboratory Manager  
DATE : 08-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> IEEE Std C95.3-2010 IEEE Recommended Practice for Measurements and Computations of Electric, Magnetic, and Electromagnetic Fields with Respect to Human Exposure to Such Fields, 0 HZ to 100 kHz.