



## EU Declaration of Conformity (DoC-20050501959-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 (RED)  
2013/35/EU Electromagnetic Fields Directive (EMF)  
2011/65/EU Restriction of Hazardous Substances Directive (RoHS)  
2012/19/EU Waste Electrical and Electronic Equipment Directive (WEEE)

**Object of the Declaration:** ASTRO® 25 Mobile Radio

APX™6500, MMBR505PE  
APX™2500, MMCR508PE  
APX™1500, MMCR508PE  
380-470MHz, 1-25W, 12.5/20/25kHz  
Bluetooth®, Wi-Fi®, GPS/GLONASS

National Licensed Frequencies Only

This DoC supersedes DOC-20050501959-C & DOC-20051201963-B

**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 301 893 V2.1.1  
EN 300 328 V2.2.2  
EN 303 413 V1.1.1

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  
EN62311:2008

KRAKOW, 19-JUL-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-20050501959-D)

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>	
AN000163A01	ANTENNA, STUBBY,WIFI/GNSS LOW LOSS LMR240 (2.4/5 GHZ WI-FI/BT AND GNSS BT/WiFi/GPS Antenna)
AN000163A02	ANTENNA, STUBBY,WIFI/GNSS, M-CYCLE, QMA, 6FT, LMR195, FLEXIBLE, PVC FREE GPS WIFI
HAE4011A	ANTENNA ROOF TOP 3.5DB UHF
HAE6010A	ANT 3.5DB GAIN 380 MHz - 433 MHz
HAE6011A	ANT 5.0DB 380-420 MHZ 380 Mhz - 433 MHz
HAE6016A	ANT LOW PROFILE MHZ 450 MHz - 512 MHz
RAE4014ARB	ANT 5.0DB 445 MHz - 470 MHz
<b>AUDIO</b>	
GLN7279A	GOOSE NECK PTT SWITCH
HKN1018A	Handset/Hang-up Armored Cable
HLN1457A	Handset/Hang-up Cup
HMN1079B	Water Resistant Palm Microphone for Motorcycle Mounted Mobiles
HMN1079C	Motorcycle Water Resistant Mic with DB9 Conn
HMN1089C	Water Resistant Microphone
HMN1090D	Traditional Palm Microphone
HMN4079G	Keypad Microphone
HMN4098A	Non Keypad Handset
HSN4018C	13 Watt Water Resistant spkr
HSN4031B	Standard Speaker 8 Ohm
HSN4032B	SPEAKER MODULE ASSEMBLY,MCS EXT SPKR 13W
HSN4038A	SPKR. 7.5 W REMOTE



## Rev. 1 Addendum to EU Declaration of Conformity (DoC-20050501959-D)

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

<u>PART NUMBER</u>	<u>DESCRIPTION (FOR INFORMATION ONLY)</u>
<b>AUDIO</b>	
HSN4040A	15 Watt Speaker (Water Resistant)
HSN4042A	AUXILARY COVERT SPKR 10W APX
HSN6003C	13 Watt Speaker (Motorcycle)
RLN4858A	Motorola Gooseneck PTT
RMN5054B	IMPRES Visor Microphone
RMN5070A	Desktop Microphone
<b>CABLE</b>	
3064153H02	CABLE,4500 MM,ASSEMBLY,CABLE,SHIELDED
3064153H04	CABLE,ASSEMBLY,CABLE,SHIELDED
3075217A02	Motorcycle Remote Cable for 05 CH
HKN4191B	ASSY,CBL,PWR
HKN4192B	MOBILE PWR CABLE 20 FT, 10 AWG, 20A
HKN6032A	MCYCLE POWER CABLE
HKN6163C	CABLE, DATA, USB, 1-1/2M, XTL5000
HKN6164B	131 CAN Cable Remote Mount
HKN6165B	115 CAN Cable Remote Mount
HKN6166B	75 CAN Cable Remote Mount
HKN6167B	50 CAN Cable Remote Mount
HKN6168B	30 CAN Cable Remote Mount
HKN6169B	CABLE, REMOTE MOUNT, 5M
HKN6170B	10 CAN Cable Remote Mount



## Rev. 1 Addendum to EU Declaration of Conformity (DoC-20050501959-D)

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

<u>PART NUMBER</u>	<u>DESCRIPTION (FOR INFORMATION ONLY)</u>
<b>CABLE</b>	
HKN6172C	CABLE, DATA, USB, 4-1/2M, XTL5000
HKN6187B	Remote Control Head Power, Speaker, Audio Headset Jacks
HKN6188B	CABLE, CH POWER AND SPEAKER
HKN6222A	150 CAN Cable Remote Mount
HKN6223A	175 CAN Cable Remote Mount
HLN6863B	ACCESSORY CONNECTOR XTL5000
KT000251A01	MAP TO MICRO-USB CABLE, DASH
PMKN4033A	Standard Microphone Extension Cable- Potato Microphone 10 feet
PMKN4034A	Standard Microphone Extension Cable- Microphone 20 feet
PMKN4093A	GCAI Extension Cable 2 feet
<b>OTHERS</b>	
3064153H05	Universal Relay Controller to Transceiver Cable
GLN7278B	PTT FOOTSWITCH (XTL)
GLN7278C	Push-To-Talk Footswitch Button
H1835A	8 MODE DIRECT ENTRY DEK KIT
H1836A	16 MODE DIRECT ENTRY DEK KIT
H1837A	24 MODE DIRECT ENTRY DEK KIT
H1838A	8 STATUS MESSAGE DEK KIT
H1839A	16 STATUS MESSAGE DEK KIT
HLN5113C	Emergency Footswitch
PHCN4000E	O5 CONTROL HEAD



## Rev. 1 Addendum to EU Declaration of Conformity (DoC-20050501959-D)

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

<u>PART NUMBER</u>	<u>DESCRIPTION (FOR INFORMATION ONLY)</u>
OTHERS	
PHCN4001A	E5 CONTROL HEAD
PHLN1002A	ASSY,KIT,CH END REM
PMHN4191C	ASSEMBLY,HOUSING,FRONT,O7 CH (SIREN & LIGHTS)
PMHN4193F	O2 Control Head
PMHN4194C	O7 Control Head
PMUN1034F	O3 CONTROL HEAD
PMUN1046A	HARDWARE KIT, 09 RLY CTRL BX
PMUN1057B	O2/O7 REMOTE CHIB
RLN5926_	PUSH BUTTON PTT
POWER SUPPLY	
3002120F02	United Kingdom Cord

### 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

<u>Model Number</u>	<u>Type Designator</u>	<u>Description</u>
M24QSS9PW1BN (PMUE5620A)	MMCR508PE	APX2500 UHF R1 - Hardware Encryption WiFi Data Modem Tethering via Cable
M25QSS9PW1BN (PMUE5620A)	MMBR505PE	APX6500 UHF R1 - Multiple HW Encryption WiFi Interoperability Data Modem Tethering via WiFi or Cable
M25QSS9PW1BN (PMUE5620A)	MMBR505PE	APX6500Li UHF R1 - Multiple HW Encryption WiFi Interoperability Data Modem Tethering via WiFi or Cable
M36QSS9PW1BN (PMUE5620A)	MMCR508PE	APX1500 UHF R1 - Software Encryption

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 Ing on behalf of Pei Loo Tey  
Penang EME Laboratory Manager  
DATE : 15-MAY-2020

<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-20050501959-D)

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

**Objet de la déclaration:** ASTRO® 25 Mobile Radio  
APX™6500, MMBR505PE  
APX™2500, MMCR508PE  
APX™1500, MMCR508PE  
380-470MHz, 1-25W, 12.5/20/25kHz  
Bluetooth®, Wi-Fi®, GPS/GLONASS

Féquences nationales sous licence uniquement

Cette déclaration de conformité remplace DOC-20050501959-C & DOC-20051201963-B

**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 301 893 V2.1.1  
EN 300 328 V2.2.2  
EN 303 413 V1.1.1

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

Conforme à la directive ICNIRP (1998) sur les limites d'exposition contrôlée ou à usage professionnel  
EN62311:2008

**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. 1 Complément à Déclaration UE de Conformité (DoC-20050501959-D)

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

<u>NUMÉRO DE PIÈCE</u>	<u>DESCRIPTION (POUR INFORMATION SEULEMENT)</u>
<b>ANTENNE</b>	
AN000163A01	ANTENNA, STUBBY,WIFI/GNSS LOW LOSS LMR240 (2.4/5 GHZ WI-FI/BT AND GNSS BT/WiFi/GPS Antenna)
AN000163A02	ANTENNA, STUBBY,WIFI/GNSS, M-CYCLE, QMA, 6FT, LMR195, FLEXIBLE, PVC FREE GPS WIFI
HAE4011A	ANTENNA ROOF TOP 3.5DB UHF
HAE6010A	ANT 3.5DB GAIN 380 MHz - 433 MHz
HAE6011A	ANT 5.0DB 380-420 MHZ 380 Mhz - 433 MHz
HAE6016A	ANT LOW PROFILE MHZ 450 MHZ - 512 MHZ
RAE4014ARB	ANT 5.0DB 445 MHz - 470 MHz
<b>AUDIO</b>	
GLN7279A	GOOSE NECK PTT SWITCH
HKN1018A	Handset/Hang-up Armored Cable
HLN1457A	Handset/Hang-up Cup
HMN1079B	Water Resistant Palm Microphone for Motorcycle Mounted Mobiles
HMN1079C	Motorcycle Water Resistant Mic with DB9 Conn
HMN1089C	Water Resistant Microphone
HMN1090D	Traditional Palm Microphone
HMN4079G	Keypad Microphone
HMN4098A	Non Keypad Handset
HSN4018C	13 Watt Water Resistant spkr
HSN4031B	Standard Speaker 8 Ohm
HSN4032B	SPEAKER MODULE ASSEMBLY,MCS EXT SPKR 13W
HSN4038A	SPKR. 7.5 W REMOTE



**Rev. 1 Complément à Déclaration UE de Conformité (DoC-20050501959-D)**

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<u>NUMÉRO DE PIÈCE</u>	<u>DESCRIPTION (POUR INFORMATION SEULEMENT)</u>
<b>AUDIO</b>	
HSN4040A	15 Watt Speaker (Water Resistant)
HSN4042A	AUXILARY COVERT SPKR 10W APX
HSN6003C	13 Watt Speaker (Motorcycle)
RLN4858A	Motorola Gooseneck PTT
RMN5054B	IMPRES Visor Microphone
RMN5070A	Desktop Microphone
<b>CÂBLE</b>	
3064153H02	CABLE,4500 MM,ASSEMBLY,CABLE,SHIELDED
3064153H04	CABLE,ASSEMBLY,CABLE,SHIELDED
3075217A02	Motorcycle Remote Cable for 05 CH
HKN4191B	ASSY,CBL,PWR
HKN4192B	MOBILE PWR CABLE 20 FT, 10 AWG, 20A
HKN6032A	MCYCLE POWER CABLE
HKN6163C	CABLE, DATA, USB, 1-1/2M, XTL5000
HKN6164B	131 CAN Cable Remote Mount
HKN6165B	115 CAN Cable Remote Mount
HKN6166B	75 CAN Cable Remote Mount
HKN6167B	50 CAN Cable Remote Mount
HKN6168B	30 CAN Cable Remote Mount
HKN6169B	CABLE, REMOTE MOUNT, 5M
HKN6170B	10 CAN Cable Remote Mount

## Rev. 1 Complément à Déclaration UE de Conformité (DoC-20050501959-D)

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

<u>NUMÉRO DE PIÈCE</u>	<u>DESCRIPTION (POUR INFORMATION SEULEMENT)</u>
<b>CÂBLE</b>	
HKN6172C	CABLE, DATA, USB, 4-1/2M, XTL5000
HKN6187B	Remote Control Head Power, Speaker, Audio Headset Jacks
HKN6188B	CABLE, CH POWER AND SPEAKER
HKN6222A	150 CAN Cable Remote Mount
HKN6223A	175 CAN Cable Remote Mount
HLN6863B	ACCESSORY CONNECTOR XTL5000
KT000251A01	MAP TO MICRO-USB CABLE, DASH
PMKN4033A	Standard Microphone Extension Cable- Potato Microphone 10 feet
PMKN4034A	Standard Microphone Extension Cable- Microphone 20 feet
PMKN4093A	GCAI Extension Cable 2 feet
<b>AUTRES COMMENTAIRES</b>	
3064153H05	Universal Relay Controller to Transceiver Cable
GLN7278B	PTT FOOTSWITCH (XTL)
GLN7278C	Push-To-Talk Footswitch Button
H1835A	8 MODE DIRECT ENTRY DEK KIT
H1836A	16 MODE DIRECT ENTRY DEK KIT
H1837A	24 MODE DIRECT ENTRY DEK KIT
H1838A	8 STATUS MESSAGE DEK KIT
H1839A	16 STATUS MESSAGE DEK KIT
HLN5113C	Emergency Footswitch
PHCN4000E	O5 CONTROL HEAD

## Rev. 1 Complément à Déclaration UE de Conformité (DoC-20050501959-D)

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

<u>NUMÉRO DE PIÈCE</u>	<u>DESCRIPTION (POUR INFORMATION SEULEMENT)</u>
<b>AUTRES COMMENTAIRES</b>	
PHCN4001A	E5 CONTROL HEAD
PHLN1002A	ASSY,KIT,CH END REM
PMHN4191C	ASSEMBLY,HOUSING,FRONT,O7 CH (SIREN & LIGHTS)
PMHN4193F	O2 Control Head
PMHN4194C	O7 Control Head
PMUN1034F	O3 CONTROL HEAD
PMUN1046A	HARDWARE KIT, 09 RLY CTRL BX
PMUN1057B	O2/O7 REMOTE CHIB
RLN5926_	PUSH BUTTON PTT

<b>ALIMENTATION</b>	
3002120F02	United Kingdom Cord

### LOGICIEL

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

Les déclarations de conformité de l'UE sont disponibles sur le lien suivant : <https://www.motorolasolutions.com/emea-compliance>

## EU-Konformitätserklärung (DoC-20050501959-D)

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

**Gegenstand der Erklärung:** ASTRO® 25 Mobile Radio

APX™6500, MMBR505PE  
APX™2500, MMCR508PE  
APX™1500, MMCR508PE  
380-470MHz, 1-25W, 12.5/20/25kHz  
Bluetooth®, Wi-Fi®, GPS/GLONASS

Ausschließlich lizenzierte nationale Frequenzen

Diese Konformitätserklärung ersetzt die DOC-20050501959-C & DOC-20051201963-B

**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 301 893 V2.1.1  
EN 300 328 V2.2.2  
EN 303 413 V1.1.1

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

Konform mit den ICNIRP (1998) Grenzwerten berufsbedingter/kontrollierter Exposition  
EN62311:2008

**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. 1 Zusatz zu EU-Konformitätserklärung (DoC-20050501959-D)**

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

<u>TEILNUMMER</u>	<u>BESCHREIBUNG (NUR ZUR INFORMATION)</u>
<b>ANTENNE</b>	
AN000163A01	ANTENNA, STUBBY,WIFI/GNSS LOW LOSS LMR240 (2.4/5 GHZ WI-FI/BT AND GNSS BT/WiFi/GPS Antenna)
AN000163A02	ANTENNA, STUBBY,WIFI/GNSS, M-CYCLE, QMA, 6FT, LMR195, FLEXIBLE, PVC FREE GPS WIFI
HAE4011A	ANTENNA ROOF TOP 3.5DB UHF
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HAE6016A	ANT LOW PROFILE MHZ 450 MHZ - 512 MHZ
RAE4014ARB	ANT 5.0DB 445 MHZ - 470 MHZ
<b>AUDIOZUBEHÖR</b>	
GLN7279A	GOOSE NECK PTT SWITCH
HKN1018A	Handset/Hang-up Armored Cable
HLN1457A	Handset/Hang-up Cup
HMN1079B	Water Resistant Palm Microphone for Motorcycle Mounted Mobiles
HMN1079C	Motorcycle Water Resistant Mic with DB9 Conn
HMN1089C	Water Resistant Microphone
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HMN4079G	Keypad Microphone
HMN4098A	Non Keypad Handset
HSN4018C	13 Watt Water Resistant spkr
HSN4031B	Standard Speaker 8 Ohm
HSN4032B	SPEAKER MODULE ASSEMBLY,MCS EXT SPKR 13W
HSN4038A	SPKR. 7.5 W REMOTE

**Rev. 1 Zusatz zu EU-Konformitätserklärung (DoC-20050501959-D)**

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

<u>TEILNUMMER</u>	<u>BESCHREIBUNG (NUR ZUR INFORMATION)</u>
<b>AUDIOZUBEHÖR</b>	
HSN4040A	15 Watt Speaker (Water Resistant)
HSN4042A	AUXILARY COVERT SPKR 10W APX
HSN6003C	13 Watt Speaker (Motorcycle)
RLN4858A	Motorola Gooseneck PTT
RMN5054B	IMPRES Visor Microphone
RMN5070A	Desktop Microphone
<b>KABEL</b>	
3064153H02	CABLE,4500 MM,ASSEMBLY,CABLE,SHIELDED
3064153H04	CABLE,ASSEMBLY,CABLE,SHIELDED
3075217A02	Motorcycle Remote Cable for 05 CH
HKN4191B	ASSY,CBL,PWR
HKN4192B	MOBILE PWR CABLE 20 FT, 10 AWG, 20A
HKN6032A	MCYCLE POWER CABLE
HKN6163C	CABLE, DATA, USB, 1-1/2M, XTL5000
HKN6164B	131 CAN Cable Remote Mount
HKN6165B	115 CAN Cable Remote Mount
HKN6166B	75 CAN Cable Remote Mount
HKN6167B	50 CAN Cable Remote Mount
HKN6168B	30 CAN Cable Remote Mount
HKN6169B	CABLE, REMOTE MOUNT, 5M
HKN6170B	10 CAN Cable Remote Mount

**Rev. 1 Zusatz zu EU-Konformitätserklärung (DoC-20050501959-D)**

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

<u>TEILNUMMER</u>	<u>BESCHREIBUNG (NUR ZUR INFORMATION)</u>
<b>KABEL</b>	
HKN6172C	CABLE, DATA, USB, 4-1/2M, XTL5000
HKN6187B	Remote Control Head Power, Speaker, Audio Headset Jacks
HKN6188B	CABLE, CH POWER AND SPEAKER
HKN6222A	150 CAN Cable Remote Mount
HKN6223A	175 CAN Cable Remote Mount
HLN6863B	ACCESSORY CONNECTOR XTL5000
KT000251A01	MAP TO MICRO-USB CABLE, DASH
PMKN4033A	Standard Microphone Extension Cable- Potato Microphone 10 feet
PMKN4034A	Standard Microphone Extension Cable- Microphone 20 feet
PMKN4093A	GCAI Extension Cable 2 feet
<b>ANDERE</b>	
3064153H05	Universal Relay Controller to Transceiver Cable
GLN7278B	PTT FOOTSWITCH (XTL)
GLN7278C	Push-To-Talk Footswitch Button
H1835A	8 MODE DIRECT ENTRY DEK KIT
H1836A	16 MODE DIRECT ENTRY DEK KIT
H1837A	24 MODE DIRECT ENTRY DEK KIT
H1838A	8 STATUS MESSAGE DEK KIT
H1839A	16 STATUS MESSAGE DEK KIT
HLN5113C	Emergency Footswitch
PHCN4000E	O5 CONTROL HEAD

**Rev. 1 Zusatz zu EU-Konformitätserklärung (DoC-20050501959-D)**

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

<u>TEILNUMMER</u>	<u>BESCHREIBUNG (NUR ZUR INFORMATION)</u>
<b>ANDERE</b>	
PHCN4001A	E5 CONTROL HEAD
PHLN1002A	ASSY,KIT,CH END REM
PMHN4191C	ASSEMBLY,HOUSING,FRONT,O7 CH (SIREN & LIGHTS)
PMHN4193F	O2 Control Head
PMHN4194C	O7 Control Head
PMUN1034F	O3 CONTROL HEAD
PMUN1046A	HARDWARE KIT, 09 RLY CTRL BX
PMUN1057B	O2/O7 REMOTE CHIB
RLN5926_	PUSH BUTTON PTT

<b>NETZTEIL</b>	
3002120F02	United Kingdom Cord

**SOFTWARE**

Die installierte Funkgerätesoftware unterliegt der vollständigen Kontrolle des Herstellers ohne Zugriff durch den Benutzer und entspricht den dazugehörigen Richtlinien.



## Dichiarazione di conformità UE (DoC-20050501959-D)

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

**Oggetto della dichiarazione:** ASTRO® 25 Mobile Radio

APX™6500, MMBR505PE  
APX™2500, MMCR508PE  
APX™1500, MMCR508PE  
380-470MHz, 1-25W, 12.5/20/25kHz  
Bluetooth®, Wi-Fi®, GPS/GLONASS

Solo frequenze nazionali con licenza

Questa Dichiarazione di conformità sostituisce DOC-20050501959-C & DOC-20051201963-B

**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 301 893 V2.1.1  
EN 300 328 V2.2.2  
EN 303 413 V1.1.1

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

Conforme ai limiti di esposizione per scopi professionali/controllati dello standard ICNIRP (1998)  
EN62311:2008

**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. 1 Allegato al Dichiarazione di conformità UE (DoC-20050501959-D)**

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

<u>NUMERO DI PARTE</u>	<u>DESCRIZIONE (SOLO PER INFORMAZIONI)</u>
<b>ANTENNA</b>	
AN000163A01	ANTENNA, STUBBY,WIFI/GNSS LOW LOSS LMR240 (2.4/5 GHZ WI-FI/BT AND GNSS BT/WiFi/GPS Antenna)
AN000163A02	ANTENNA, STUBBY,WIFI/GNSS, M-CYCLE, QMA, 6FT, LMR195, FLEXIBLE, PVC FREE GPS WIFI
HAE4011A	ANTENNA ROOF TOP 3.5DB UHF
HAE6010A	ANT 3.5DB GAIN 380 MHz - 433 MHz
HAE6011A	ANT 5.0DB 380-420 MHZ 380 Mhz - 433 MHz
HAE6016A	ANT LOW PROFILE MHZ 450 MHZ - 512 MHZ
RAE4014ARB	ANT 5.0DB 445 MHz - 470 MHz
<b>AUDIO</b>	
GLN7279A	GOOSE NECK PTT SWITCH
HKN1018A	Handset/Hang-up Armored Cable
HLN1457A	Handset/Hang-up Cup
HMN1079B	Water Resistant Palm Microphone for Motorcycle Mounted Mobiles
HMN1079C	Motorcycle Water Resistant Mic with DB9 Conn
HMN1089C	Water Resistant Microphone
HMN1090D	Traditional Palm Microphone
HMN4079G	Keypad Microphone
HMN4098A	Non Keypad Handset
HSN4018C	13 Watt Water Resistant spkr
HSN4031B	Standard Speaker 8 Ohm
HSN4032B	SPEAKER MODULE ASSEMBLY,MCS EXT SPKR 13W
HSN4038A	SPKR. 7.5 W REMOTE

**Rev. 1 Allegato al Dichiarazione di conformità UE (DoC-20050501959-D)**

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

<u>NUMERO DI PARTE</u>	<u>DESCRIZIONE (SOLO PER INFORMAZIONI)</u>
<b>AUDIO</b>	
HSN4040A	15 Watt Speaker (Water Resistant)
HSN4042A	AUXILARY COVERT SPKR 10W APX
HSN6003C	13 Watt Speaker (Motorcycle)
RLN4858A	Motorola Gooseneck PTT
RMN5054B	IMPRES Visor Microphone
RMN5070A	Desktop Microphone
<b>CAVO</b>	
3064153H02	CABLE,4500 MM,ASSEMBLY,CABLE,SHIELDED
3064153H04	CABLE,ASSEMBLY,CABLE,SHIELDED
3075217A02	Motorcycle Remote Cable for 05 CH
HKN4191B	ASSY,CBL,PWR
HKN4192B	MOBILE PWR CABLE 20 FT, 10 AWG, 20A
HKN6032A	MCYCLE POWER CABLE
HKN6163C	CABLE, DATA, USB, 1-1/2M, XTL5000
HKN6164B	131 CAN Cable Remote Mount
HKN6165B	115 CAN Cable Remote Mount
HKN6166B	75 CAN Cable Remote Mount
HKN6167B	50 CAN Cable Remote Mount
HKN6168B	30 CAN Cable Remote Mount
HKN6169B	CABLE, REMOTE MOUNT, 5M
HKN6170B	10 CAN Cable Remote Mount

**Rev. 1 Allegato al Dichiarazione di conformità UE (DoC-20050501959-D)**

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

<u>NUMERO DI PARTE</u>	<u>DESCRIZIONE (SOLO PER INFORMAZIONI)</u>
<b>CAVO</b>	
HKN6172C	CABLE, DATA, USB, 4-1/2M, XTL5000
HKN6187B	Remote Control Head Power, Speaker, Audio Headset Jacks
HKN6188B	CABLE, CH POWER AND SPEAKER
HKN6222A	150 CAN Cable Remote Mount
HKN6223A	175 CAN Cable Remote Mount
HLN6863B	ACCESSORY CONNECTOR XTL5000
KT000251A01	MAP TO MICRO-USB CABLE, DASH
PMKN4033A	Standard Microphone Extension Cable- Potato Microphone 10 feet
PMKN4034A	Standard Microphone Extension Cable- Microphone 20 feet
PMKN4093A	GCAI Extension Cable 2 feet
<b>ALTRO</b>	
3064153H05	Universal Relay Controller to Transceiver Cable
GLN7278B	PTT FOOTSWITCH (XTL)
GLN7278C	Push-To-Talk Footswitch Button
H1835A	8 MODE DIRECT ENTRY DEK KIT
H1836A	16 MODE DIRECT ENTRY DEK KIT
H1837A	24 MODE DIRECT ENTRY DEK KIT
H1838A	8 STATUS MESSAGE DEK KIT
H1839A	16 STATUS MESSAGE DEK KIT
HLN5113C	Emergency Footswitch
PHCN4000E	O5 CONTROL HEAD

**Rev. 1 Allegato al Dichiarazione di conformità UE (DoC-20050501959-D)**

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

<u>NUMERO DI PARTE</u>	<u>DESCRIZIONE (SOLO PER INFORMAZIONI)</u>
<b>ALTRO</b>	
PHCN4001A	E5 CONTROL HEAD
PHLN1002A	ASSY,KIT,CH END REM
PMHN4191C	ASSEMBLY,HOUSING,FRONT,O7 CH (SIREN & LIGHTS)
PMHN4193F	O2 Control Head
PMHN4194C	O7 Control Head
PMUN1034F	O3 CONTROL HEAD
PMUN1046A	HARDWARE KIT, 09 RLY CTRL BX
PMUN1057B	O2/O7 REMOTE CHIB
RLN5926_	PUSH BUTTON PTT
<b>ALIMENTAZIONE</b>	
3002120F02	United Kingdom Cord

**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.

Le dichiarazioni di conformità UE sono disponibili al seguente link: <https://www.motorolasolutions.com/emea-compliance>



## **Deklaracja zgodności UE (DoC-20050501959-D)**

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

**Przedmiot deklaracji:** ASTRO® 25 Mobile Radio  
APX™6500, MMBR505PE  
APX™2500, MMCR508PE  
APX™1500, MMCR508PE  
380-470MHz, 1-25W, 12.5/20/25kHz  
Bluetooth®, Wi-Fi®, GPS/GLONASS

Wyłącznie krajowe licencjonowane częstotliwości

Niniejsza deklaracja zgodności zastępuje DOC-20050501959-C & DOC-20051201963-B

**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 301 893 V2.1.1  
EN 300 328 V2.2.2  
EN 303 413 V1.1.1

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

Zgodność z wytycznymi określonymi przez Międzynarodową Komisję Ochrony przed  
Promieniowaniem Niejonizującym ICNIRP (1998)  
EN62311:2008

**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. 1 Uzupełnienie do Deklaracja zgodności UE (DoC-20050501959-D)**

Wymienione akcesoria są dopuszczone do użytku z przedmiotem niniejszej deklaracji.

NUMER KATALOGOWY OPIS (TYLKO INFORMACYJNIE)**ANTENA**

AN000163A01	ANTENNA, STUBBY,WIFI/GNSS LOW LOSS LMR240 (2.4/5 GHZ WI-FI/BT AND GNSS BT/WiFi/GPS Antenna)
AN000163A02	ANTENNA, STUBBY,WIFI/GNSS, M-CYCLE, QMA, 6FT, LMR195, FLEXIBLE, PVC FREE GPS WIFI
HAE4011A	ANTENNA ROOF TOP 3.5DB UHF
HAE6010A	ANT 3.5DB GAIN 380 MHz - 433 MHz
HAE6011A	ANT 5.0DB 380-420 MHZ 380 Mhz - 433 MHz
HAE6016A	ANT LOW PROFILE MHZ 450 MHZ - 512 MHZ
RAE4014ARB	ANT 5.0DB 445 MHz - 470 MHz

**AUDIO**

GLN7279A	GOOSE NECK PTT SWITCH
HKN1018A	Handset/Hang-up Armored Cable
HLN1457A	Handset/Hang-up Cup
HMN1079B	Water Resistant Palm Microphone for Motorcycle Mounted Mobiles
HMN1079C	Motorcycle Water Resistant Mic with DB9 Conn
HMN1089C	Water Resistant Microphone
HMN1090D	Traditional Palm Microphone
HMN4079G	Keypad Microphone
HMN4098A	Non Keypad Handset
HSN4018C	13 Watt Water Resistant spkr
HSN4031B	Standard Speaker 8 Ohm
HSN4032B	SPEAKER MODULE ASSEMBLY,MCS EXT SPKR 13W
HSN4038A	SPKR. 7.5 W REMOTE

**Rev. 1 Uzupełnienie do Deklaracja zgodności UE (DoC-20050501959-D)**

Wymienione akcesoria są dopuszczone do użytku z przedmiotem niniejszej deklaracji.

<u>NUMER KATALOGOWY</u>	<u>OPIS (TYLKO INFORMACYJNIE)</u>
<b>AUDIO</b>	
HSN4040A	15 Watt Speaker (Water Resistant)
HSN4042A	AUXILARY COVERT SPKR 10W APX
HSN6003C	13 Watt Speaker (Motorcycle)
RLN4858A	Motorola Gooseneck PTT
RMN5054B	IMPRES Visor Microphone
RMN5070A	Desktop Microphone
<b>KABEL</b>	
3064153H02	CABLE,4500 MM,ASSEMBLY,CABLE,SHIELDED
3064153H04	CABLE,ASSEMBLY,CABLE,SHIELDED
3075217A02	Motorcycle Remote Cable for 05 CH
HKN4191B	ASSY,CBL,PWR
HKN4192B	MOBILE PWR CABLE 20 FT, 10 AWG, 20A
HKN6032A	MCYCLE POWER CABLE
HKN6163C	CABLE, DATA, USB, 1-1/2M, XTL5000
HKN6164B	131 CAN Cable Remote Mount
HKN6165B	115 CAN Cable Remote Mount
HKN6166B	75 CAN Cable Remote Mount
HKN6167B	50 CAN Cable Remote Mount
HKN6168B	30 CAN Cable Remote Mount
HKN6169B	CABLE, REMOTE MOUNT, 5M
HKN6170B	10 CAN Cable Remote Mount



**Rev. 1 Uzupełnienie do Deklaracja zgodności UE (DoC-20050501959-D)**

Wymienione akcesoria są dopuszczone do użytku z przedmiotem niniejszej deklaracji.

<u>NUMER KATALOGOWY</u>	<u>OPIS (TYLKO INFORMACYJNIE)</u>
<b>KABEL</b>	
HKN6172C	CABLE, DATA, USB, 4-1/2M, XTL5000
HKN6187B	Remote Control Head Power, Speaker, Audio Headset Jacks
HKN6188B	CABLE, CH POWER AND SPEAKER
HKN6222A	150 CAN Cable Remote Mount
HKN6223A	175 CAN Cable Remote Mount
HLN6863B	ACCESSORY CONNECTOR XTL5000
KT000251A01	MAP TO MICRO-USB CABLE, DASH
PMKN4033A	Standard Microphone Extension Cable- Potato Microphone 10 feet
PMKN4034A	Standard Microphone Extension Cable- Microphone 20 feet
PMKN4093A	GCAI Extension Cable 2 feet
<b>INNE</b>	
3064153H05	Universal Relay Controller to Transceiver Cable
GLN7278B	PTT FOOTSWITCH (XTL)
GLN7278C	Push-To-Talk Footswitch Button
H1835A	8 MODE DIRECT ENTRY DEK KIT
H1836A	16 MODE DIRECT ENTRY DEK KIT
H1837A	24 MODE DIRECT ENTRY DEK KIT
H1838A	8 STATUS MESSAGE DEK KIT
H1839A	16 STATUS MESSAGE DEK KIT
HLN5113C	Emergency Footswitch
PHCN4000E	O5 CONTROL HEAD

**Rev. 1 Uzupelnienie do Deklaracja zgodności UE (DoC-20050501959-D)**

Wymienione akcesoria są dopuszczone do użytku z przedmiotem niniejszej deklaracji.

<u>NUMER KATALOGOWY</u>	<u>OPIS (TYLKO INFORMACYJNIE)</u>
<b>INNE</b>	
PHCN4001A	E5 CONTROL HEAD
PHLN1002A	ASSY,KIT,CH END REM
PMHN4191C	ASSEMBLY,HOUSING,FRONT,O7 CH (SIREN & LIGHTS)
PMHN4193F	O2 Control Head
PMHN4194C	O7 Control Head
PMUN1034F	O3 CONTROL HEAD
PMUN1046A	HARDWARE KIT, 09 RLY CTRL BX
PMUN1057B	O2/O7 REMOTE CHIB
RLN5926_	PUSH BUTTON PTT

<b>ZASILACZ</b>	
3002120F02	United Kingdom Cord

**OPROGRAMOWANIE**

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

Deklaracje zgodności UE są dostępne pod następującym adresem: <https://www.motorolasolutions.com/emea-compliance>



## **Declaração UE de conformidade (DoC-20050501959-D)**

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 2013/35/EU (EMF)  
Diretiva 2011/65/EU (RoHS)  
Diretiva 2012/19/EU (WEEE)

**Objeto da declaração:** ASTRO® 25 Mobile Radio  
APX™6500, MMBR505PE  
APX™2500, MMCR508PE  
APX™1500, MMCR508PE  
380-470MHz, 1-25W, 12.5/20/25kHz  
Bluetooth®, Wi-Fi®, GPS/GLONASS

Exclusivamente frequências nacionais licenciadas

Esta Declaração de Conformidade substitui DOC-20050501959-C & DOC-20051201963-B

**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 301 893 V2.1.1  
EN 300 328 V2.2.2  
EN 303 413 V1.1.1

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

Em conformidade com os limites de Exposição Ocupacional/Controlada da ICNIRP (1998)  
EN62311:2008

**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. 1 Adendo à Declaração UE de conformidade (DoC-20050501959-D)**

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

<u>NÚMERO DA PEÇA</u>	<u>DESCRIÇÃO (APENAS PARA INFORMAÇÃO)</u>
<b>ANTENA</b>	
AN000163A01	ANTENNA, STUBBY,WIFI/GNSS LOW LOSS LMR240 (2.4/5 GHZ WI-FI/BT AND GNSS BT/WiFi/GPS Antenna)
AN000163A02	ANTENNA, STUBBY,WIFI/GNSS, M-CYCLE, QMA, 6FT, LMR195, FLEXIBLE, PVC FREE GPS WIFI
HAE4011A	ANTENNA ROOF TOP 3.5DB UHF
HAE6010A	ANT 3.5DB GAIN 380 MHz - 433 MHz
HAE6011A	ANT 5.0DB 380-420 MHZ 380 Mhz - 433 MHz
HAE6016A	ANT LOW PROFILE MHZ 450 MHZ - 512 MHZ
RAE4014ARB	ANT 5.0DB 445 MHZ - 470 MHZ
<b>ÁUDIO</b>	
GLN7279A	GOOSE NECK PTT SWITCH
HKN1018A	Handset/Hang-up Armored Cable
HLN1457A	Handset/Hang-up Cup
HMN1079B	Water Resistant Palm Microphone for Motorcycle Mounted Mobiles
HMN1079C	Motorcycle Water Resistant Mic with DB9 Conn
HMN1089C	Water Resistant Microphone
HMN1090D	Traditional Palm Microphone
HMN4079G	Keypad Microphone
HMN4098A	Non Keypad Handset
HSN4018C	13 Watt Water Resistant spkr
HSN4031B	Standard Speaker 8 Ohm
HSN4032B	SPEAKER MODULE ASSEMBLY,MCS EXT SPKR 13W
HSN4038A	SPKR. 7.5 W REMOTE

**Rev. 1 Adendo à Declaração UE de conformidade (DoC-20050501959-D)**

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

<u>NÚMERO DA PEÇA</u>	<u>DESCRIÇÃO (APENAS PARA INFORMAÇÃO)</u>
<b>ÁUDIO</b>	
HSN4040A	15 Watt Speaker (Water Resistant)
HSN4042A	AUXILARY COVERT SPKR 10W APX
HSN6003C	13 Watt Speaker (Motorcycle)
RLN4858A	Motorola Gooseneck PTT
RMN5054B	IMPRES Visor Microphone
RMN5070A	Desktop Microphone
<b>CABO</b>	
3064153H02	CABLE,4500 MM,ASSEMBLY,CABLE,SHIELDED
3064153H04	CABLE,ASSEMBLY,CABLE,SHIELDED
3075217A02	Motorcycle Remote Cable for 05 CH
HKN4191B	ASSY,CBL,PWR
HKN4192B	MOBILE PWR CABLE 20 FT, 10 AWG, 20A
HKN6032A	MCYCLE POWER CABLE
HKN6163C	CABLE, DATA, USB, 1-1/2M, XTL5000
HKN6164B	131 CAN Cable Remote Mount
HKN6165B	115 CAN Cable Remote Mount
HKN6166B	75 CAN Cable Remote Mount
HKN6167B	50 CAN Cable Remote Mount
HKN6168B	30 CAN Cable Remote Mount
HKN6169B	CABLE, REMOTE MOUNT, 5M
HKN6170B	10 CAN Cable Remote Mount

**Rev. 1 Adendo à Declaração UE de conformidade (DoC-20050501959-D)**

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

<u>NÚMERO DA PEÇA</u>	<u>DESCRIÇÃO (APENAS PARA INFORMAÇÃO)</u>
<b>CABO</b>	
HKN6172C	CABLE, DATA, USB, 4-1/2M, XTL5000
HKN6187B	Remote Control Head Power, Speaker, Audio Headset Jacks
HKN6188B	CABLE, CH POWER AND SPEAKER
HKN6222A	150 CAN Cable Remote Mount
HKN6223A	175 CAN Cable Remote Mount
HLN6863B	ACCESSORY CONNECTOR XTL5000
KT000251A01	MAP TO MICRO-USB CABLE, DASH
PMKN4033A	Standard Microphone Extension Cable- Potato Microphone 10 feet
PMKN4034A	Standard Microphone Extension Cable- Microphone 20 feet
PMKN4093A	GCAI Extension Cable 2 feet
<b>OUTRO</b>	
3064153H05	Universal Relay Controller to Transceiver Cable
GLN7278B	PTT FOOTSWITCH (XTL)
GLN7278C	Push-To-Talk Footswitch Button
H1835A	8 MODE DIRECT ENTRY DEK KIT
H1836A	16 MODE DIRECT ENTRY DEK KIT
H1837A	24 MODE DIRECT ENTRY DEK KIT
H1838A	8 STATUS MESSAGE DEK KIT
H1839A	16 STATUS MESSAGE DEK KIT
HLN5113C	Emergency Footswitch
PHCN4000E	O5 CONTROL HEAD

**Rev. 1 Adendo à Declaração UE de conformidade (DoC-20050501959-D)**

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

<u>NÚMERO DA PEÇA</u>	<u>DESCRIÇÃO (APENAS PARA INFORMAÇÃO)</u>
OUTRO	
PHCN4001A	E5 CONTROL HEAD
PHLN1002A	ASSY,KIT,CH END REM
PMHN4191C	ASSEMBLY,HOUSING,FRONT,O7 CH (SIREN & LIGHTS)
PMHN4193F	O2 Control Head
PMHN4194C	O7 Control Head
PMUN1034F	O3 CONTROL HEAD
PMUN1046A	HARDWARE KIT, 09 RLY CTRL BX
PMUN1057B	O2/O7 REMOTE CHIB
RLN5926_	PUSH BUTTON PTT
FONTE DE ENERGIA	
3002120F02	United Kingdom Cord

**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.

## Declaración UE de conformidad (DoC-20050501959-D)

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

**Objeto de la declaración:** ASTRO® 25 Mobile Radio

APX™6500, MMBR505PE  
APX™2500, MMCR508PE  
APX™1500, MMCR508PE  
380-470MHz, 1-25W, 12.5/20/25kHz  
Bluetooth®, Wi-Fi®, GPS/GLONASS

Frecuencias con licencia únicamente nacional

Esta Declaración de conformidad reemplaza a DOC-20050501959-C & DOC-20051201963-B

**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 301 893 V2.1.1  
EN 300 328 V2.2.2  
EN 303 413 V1.1.1

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

Cumple con ICNIRP (1998) sobre límites de exposición ocupacional/controlada  
EN62311:2008

**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. 1 Anexo a Declaración UE de conformidad (DoC-20050501959-D)

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

<u>NÚMERO DE PIEZA</u>	<u>DESCRIPCION (SOLO PARA INFORMACION)</u>
<b>ANTENA</b>	
AN000163A01	ANTENNA, STUBBY,WIFI/GNSS LOW LOSS LMR240 (2.4/5 GHZ WI-FI/BT AND GNSS BT/WiFi/GPS Antenna)
AN000163A02	ANTENNA, STUBBY,WIFI/GNSS, M-CYCLE, QMA, 6FT, LMR195, FLEXIBLE, PVC FREE GPS WIFI
HAE4011A	ANTENNA ROOF TOP 3.5DB UHF
HAE6010A	ANT 3.5DB GAIN 380 MHz - 433 MHz
HAE6011A	ANT 5.0DB 380-420 MHZ 380 Mhz - 433 MHz
HAE6016A	ANT LOW PROFILE MHZ 450 MHZ - 512 MHZ
RAE4014ARB	ANT 5.0DB 445 MHz - 470 MHz
<b>AUDIO</b>	
GLN7279A	GOOSE NECK PTT SWITCH
HKN1018A	Handset/Hang-up Armored Cable
HLN1457A	Handset/Hang-up Cup
HMN1079B	Water Resistant Palm Microphone for Motorcycle Mounted Mobiles
HMN1079C	Motorcycle Water Resistant Mic with DB9 Conn
HMN1089C	Water Resistant Microphone
HMN1090D	Traditional Palm Microphone
HMN4079G	Keypad Microphone
HMN4098A	Non Keypad Handset
HSN4018C	13 Watt Water Resistant spkr
HSN4031B	Standard Speaker 8 Ohm
HSN4032B	SPEAKER MODULE ASSEMBLY,MCS EXT SPKR 13W
HSN4038A	SPKR. 7.5 W REMOTE

**Rev. 1 Anexo a Declaración UE de conformidad (DoC-20050501959-D)**

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

<u>NÚMERO DE PIEZA</u>	<u>DESCRIPCION (SOLO PARA INFORMACION)</u>
<b>AUDIO</b>	
HSN4040A	15 Watt Speaker (Water Resistant)
HSN4042A	AUXILARY COVERT SPKR 10W APX
HSN6003C	13 Watt Speaker (Motorcycle)
RLN4858A	Motorola Gooseneck PTT
RMN5054B	IMPRES Visor Microphone
RMN5070A	Desktop Microphone
<b>CABLE</b>	
3064153H02	CABLE,4500 MM,ASSEMBLY,CABLE,SHIELDED
3064153H04	CABLE,ASSEMBLY,CABLE,SHIELDED
3075217A02	Motorcycle Remote Cable for 05 CH
HKN4191B	ASSY,CBL,PWR
HKN4192B	MOBILE PWR CABLE 20 FT, 10 AWG, 20A
HKN6032A	MCYCLE POWER CABLE
HKN6163C	CABLE, DATA, USB, 1-1/2M, XTL5000
HKN6164B	131 CAN Cable Remote Mount
HKN6165B	115 CAN Cable Remote Mount
HKN6166B	75 CAN Cable Remote Mount
HKN6167B	50 CAN Cable Remote Mount
HKN6168B	30 CAN Cable Remote Mount
HKN6169B	CABLE, REMOTE MOUNT, 5M
HKN6170B	10 CAN Cable Remote Mount

## Rev. 1 Anexo a Declaración UE de conformidad (DoC-20050501959-D)

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

<u>NÚMERO DE PIEZA</u>	<u>DESCRIPCION (SOLO PARA INFORMACION)</u>
<b>CABLE</b>	
HKN6172C	CABLE, DATA, USB, 4-1/2M, XTL5000
HKN6187B	Remote Control Head Power, Speaker, Audio Headset Jacks
HKN6188B	CABLE, CH POWER AND SPEAKER
HKN6222A	150 CAN Cable Remote Mount
HKN6223A	175 CAN Cable Remote Mount
HLN6863B	ACCESSORY CONNECTOR XTL5000
KT000251A01	MAP TO MICRO-USB CABLE, DASH
PMKN4033A	Standard Microphone Extension Cable- Potato Microphone 10 feet
PMKN4034A	Standard Microphone Extension Cable- Microphone 20 feet
PMKN4093A	GCAI Extension Cable 2 feet
<b>OTROS</b>	
3064153H05	Universal Relay Controller to Transceiver Cable
GLN7278B	PTT FOOTSWITCH (XTL)
GLN7278C	Push-To-Talk Footswitch Button
H1835A	8 MODE DIRECT ENTRY DEK KIT
H1836A	16 MODE DIRECT ENTRY DEK KIT
H1837A	24 MODE DIRECT ENTRY DEK KIT
H1838A	8 STATUS MESSAGE DEK KIT
H1839A	16 STATUS MESSAGE DEK KIT
HLN5113C	Emergency Footswitch
PHCN4000E	O5 CONTROL HEAD

## Rev. 1 Anexo a Declaración UE de conformidad (DoC-20050501959-D)

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

<u>NÚMERO DE PIEZA</u>	<u>DESCRIPCION (SOLO PARA INFORMACION)</u>
OTROS	
PHCN4001A	E5 CONTROL HEAD
PHLN1002A	ASSY,KIT,CH END REM
PMHN4191C	ASSEMBLY,HOUSING,FRONT,O7 CH (SIREN & LIGHTS)
PMHN4193F	O2 Control Head
PMHN4194C	O7 Control Head
PMUN1034F	O3 CONTROL HEAD
PMUN1046A	HARDWARE KIT, 09 RLY CTRL BX
PMUN1057B	O2/O7 REMOTE CHIB
RLN5926_	PUSH BUTTON PTT

### FUENTE DE ALIMENTACIÓN

3002120F02	United Kingdom Cord
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### 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.



## UK Declaration of Conformity (DoC-20050501959-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 UK legislation:

The Radio Equipment Regulations 2017

The Control of Electromagnetic Fields at Work Regulations 2016

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

The Waste Electrical and Electronic Equipment Regulations 2013

**Object of the declaration:** ASTRO® 25 Mobile Radio

APX™6500, MMBR505PE

APX™2500, MMCR508PE

APX™1500, MMCR508PE

380-470MHz, 1-25W, 12.5/20/25kHz

Bluetooth®, Wi-Fi®, GPS/GLONASS

National Licensed Frequencies Only

This DoC supersedes DOC-20050501959-C & DOC-20051201963-B

**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 301 893 V2.1.1

EN 300 328 V2.2.2

EN 303 413 V1.1.1

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

EN62311:2008

KRAKOW, 19-JUL-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-20050501959-D)

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>	
AN000163A01	ANTENNA, STUBBY,WIFI/GNSS LOW LOSS LMR240 (2.4/5 GHZ WI-FI/BT AND GNSS BT/WiFi/GPS Antenna)
AN000163A02	ANTENNA, STUBBY,WIFI/GNSS, M-CYCLE, QMA, 6FT, LMR195, FLEXIBLE, PVC FREE GPS WIFI
HAE4011A	ANTENNA ROOF TOP 3.5DB UHF
HAE6010A	ANT 3.5DB GAIN 380 MHz - 433 MHz
HAE6011A	ANT 5.0DB 380-420 MHZ 380 Mhz - 433 MHz
HAE6016A	ANT LOW PROFILE MHZ 450 MHZ - 512 MHZ
RAE4014ARB	ANT 5.0DB 445 MHz - 470 MHz
<b>AUDIO</b>	
GLN7279A	GOOSE NECK PTT SWITCH
HKN1018A	Handset/Hang-up Armored Cable
HLN1457A	Handset/Hang-up Cup
HMN1079B	Water Resistant Palm Microphone for Motorcycle Mounted Mobiles
HMN1079C	Motorcycle Water Resistant Mic with DB9 Conn
HMN1089C	Water Resistant Microphone
HMN1090D	Traditional Palm Microphone
HMN4079G	Keypad Microphone
HMN4098A	Non Keypad Handset
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HSN4038A	SPKR. 7.5 W REMOTE



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<u>PART NUMBER</u>	<u>DESCRIPTION (FOR INFORMATION ONLY)</u>
<b>AUDIO</b>	
HSN4040A	15 Watt Speaker (Water Resistant)
HSN4042A	AUXILARY COVERT SPKR 10W APX
HSN6003C	13 Watt Speaker (Motorcycle)
RLN4858A	Motorola Gooseneck PTT
RMN5054B	IMPRES Visor Microphone
RMN5070A	Desktop Microphone
<b>CABLE</b>	
3064153H02	CABLE,4500 MM,ASSEMBLY,CABLE,SHIELDED
3064153H04	CABLE,ASSEMBLY,CABLE,SHIELDED
3075217A02	Motorcycle Remote Cable for 05 CH
HKN4191B	ASSY,CBL,PWR
HKN4192B	MOBILE PWR CABLE 20 FT, 10 AWG, 20A
HKN6032A	MCYCLE POWER CABLE
HKN6163C	CABLE, DATA, USB, 1-1/2M, XTL5000
HKN6164B	131 CAN Cable Remote Mount
HKN6165B	115 CAN Cable Remote Mount
HKN6166B	75 CAN Cable Remote Mount
HKN6167B	50 CAN Cable Remote Mount
HKN6168B	30 CAN Cable Remote Mount
HKN6169B	CABLE, REMOTE MOUNT, 5M
HKN6170B	10 CAN Cable Remote Mount



## Rev. 1 Addendum to UK Declaration of Conformity (DoC-20050501959-D)

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(\* 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>CABLE</b>	
HKN6172C	CABLE, DATA, USB, 4-1/2M, XTL5000
HKN6187B	Remote Control Head Power, Speaker, Audio Headset Jacks
HKN6188B	CABLE, CH POWER AND SPEAKER
HKN6222A	150 CAN Cable Remote Mount
HKN6223A	175 CAN Cable Remote Mount
HLN6863B	ACCESSORY CONNECTOR XTL5000
KT000251A01	MAP TO MICRO-USB CABLE, DASH
PMKN4033A	Standard Microphone Extension Cable- Potato Microphone 10 feet
PMKN4034A	Standard Microphone Extension Cable- Microphone 20 feet
PMKN4093A	GCAI Extension Cable 2 feet
<b>OTHERS</b>	
3064153H05	Universal Relay Controller to Transceiver Cable
GLN7278B	PTT FOOTSWITCH (XTL)
GLN7278C	Push-To-Talk Footswitch Button
H1835A	8 MODE DIRECT ENTRY DEK KIT
H1836A	16 MODE DIRECT ENTRY DEK KIT
H1837A	24 MODE DIRECT ENTRY DEK KIT
H1838A	8 STATUS MESSAGE DEK KIT
H1839A	16 STATUS MESSAGE DEK KIT
HLN5113C	Emergency Footswitch
PHCN4000E	O5 CONTROL HEAD





## Rev. 1 Addendum to UK Declaration of Conformity (DoC-20050501959-D)

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>OTHERS</b>	
PHCN4001A	E5 CONTROL HEAD
PHLN1002A	ASSY,KIT,CH END REM
PMHN4191C	ASSEMBLY,HOUSING,FRONT,O7 CH (SIREN & LIGHTS)
PMHN4193F	O2 Control Head
PMHN4194C	O7 Control Head
PMUN1034F	O3 CONTROL HEAD
PMUN1046A	HARDWARE KIT, 09 RLY CTRL BX
PMUN1057B	O2/O7 REMOTE CHIB
RLN5926_	PUSH BUTTON PTT
<b>POWER SUPPLY*</b>	
3002120F02	United Kingdom Cord

### 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>
M24QSS9PW1BN (PMUE5620A)	MMCR508PE	APX2500 UHF R1 - Hardware Encryption WiFi Data Modem Tethering via Cable
M25QSS9PW1BN (PMUE5620A)	MMBR505PE	APX6500 UHF R1 - Multiple HW Encryption WiFi Interoperability Data Modem Tethering via WiFi or Cable
M25QSS9PW1BN (PMUE5620A)	MMBR505PE	APX6500Li UHF R1 - Multiple HW Encryption WiFi Interoperability Data Modem Tethering via WiFi or Cable
M36QSS9PW1BN (PMUE5620A)	MMCR508PE	APX1500 UHF R1 - Software Encryption

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 Ing on behalf of Pei Loo Tey  
Penang EME Laboratory Manager  
DATE : 15-MAY-2020

<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.