



**MOTOROLA SOLUTIONS**

**Advisor™ TPG2200 TETRA Two-Way Pager**

**400-430MHz**

EU Declaration of Conformity

Déclaration UE de Conformité

EU-Konformitätserklärung

Dichiarazione di conformità UE

Deklaracja zgodności UE

Declaración UE de conformidad



## EU Declaration of Conformity (DoC-17081600938-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)  
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:** TETRA Two-Way Pager  
Advisor™ TPG2200 TETRA Two-Way Pager

PTPA612NE, 400-430MHz, 1.8W, 25kHz,  
standard controls, display, GPS

National Licensed Frequencies Only

**Superseded Remarks:** This DoC supersedes DOC-17081600938-A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 302 561 V2.1.1  
EN 303 413 V1.1.1

EN 301 489 - 1 V2.2.3  
EN 301 489 - 5 V2.2.1  
EN 301 489 - 19 V2.1.1

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

Compliant with the ICNIRP (1998) Occupational / Controlled Exposure Limits  
EN 50566:2017

Year of first application of CE mark: 2017

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

KRAKOW, 12-AUG-2020

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-17081600938-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.

<u>PART NUMBER</u>	<u>DESCRIPTION (FOR INFORMATION ONLY)</u>
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### ANTENNA

AN000231A02	LDS Antenna for TETRA Pager (400-430MHz)
PMAE4108A	Homestation external antenna

### BATTERY

PMNN4510B	BATT IMPRES 2 LIION 2200T
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### BODYWORN

PMLN7605A	Carry Case Pouch
PMLN7606A	Carry Holster

### CHARGER

PMPN4142A	Home Station
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### CABLE

PMKN4196A	CBL ASSY: MICRO USB ACTIVE SYNC
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### POWER SUPPLY

PS000150A22	7.5 Watt Travel Charger
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### 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](mailto:manufacturerdeclaration.eu@motorolasolutions.com), or via <http://www.motorolasolutions.com/Business/XU-EN/BMS+Resource+Library>

## Electromagnetic Energy (EME) Test Laboratory

### Conformity of models listed with occupational Exposure Level Values (ELVs) in Directive 2013/35/EU

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

Model Number	Type Designator	Description
MDH22QCK6TZ1AN (PMUE5282A)	PTPA612NE	TETRA Pager TPG2200, 400-430MHz, 1.8W, 25kHz, standard controls, display, GPS (TEA2)
MDH22QCK6TZ1AN (PMUE5285A)	PTPA612NE	TETRA Pager TPG2200, 400-430MHz, 1.8W, 25kHz, standard controls, display, GPS (TEA1)
MDH22QCK6TZ1AN (PMUE5286A)	PTPA612NE	TETRA Pager TPG2200, 400-430MHz, 1.8W, 25kHz, standard controls, display, GPS (TEA3)
MDH22QCK6TZ1ANB (BULK) (PMUE5282A)	PTPA612NE	TETRA Pager TPG2200, 400-430MHz, 1.8W, 25kHz, standard controls, display, GPS (TEA2)
MDH22QCK6TZ1ANB (BULK) (PMUE5285A)	PTPA612NE	TETRA Pager TPG2200, 400-430MHz, 1.8W, 25kHz, standard controls, display, GPS (TEA1)
MDH22QCK6TZ1ANB (BULK) (PMUE5286A)	PTPA612NE	TETRA Pager TPG2200, 400-430MHz, 1.8W, 25kHz, standard controls, display, GPS (TEA3)
PMUE5284A	PTPA612NE	TPG2200 400-430MHZ CLR

with the occupational 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 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 harmonized<sup>3</sup> standard EN50360,<sup>4</sup> and EN50566,<sup>5</sup> 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,<sup>6</sup> 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 ICNIRP limits for professional devices and occupational users,<sup>7</sup> and both the health and the sensory ELVs defined in Directive 2013/35/EU.<sup>8</sup>

Sincerely,



Tiong Nguk Ing on behalf of Pei Loo Tey  
Penang EME Laboratory Manager  
DATE : 28-DEC-2018

<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>Directive 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.

<sup>4</sup>EN50360:2017 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.

<sup>5</sup>EN50566:2017 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.

<sup>6</sup>ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories.

<sup>7</sup>Implicit whole-body SAR compliance with the 0.4 W/kg limit is shown using the threshold (16.8 W) derived from Table B.1 in EN 62311:2008.

<sup>8</sup>The Specific Absorption (SA) sensory limits defined in Directive 2013/35/EU apply only to ultra-short-pulsed radio-frequency waveforms capable of inducing the microwave hearing effect, e.g., powerful RADAR emissions, but not the Motorola Solutions radio(s) referenced herein.



## Déclaration UE de Conformité (DoC-17081600938-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 2013/35/UE (EMF)  
Directive 2011/65/UE (RoHS)  
Directive 2012/19/UE (WEEE)

**Objet de la déclaration:** TETRA Two-Way Pager  
Advisor™ TPG2200 TETRA Two-Way Pager

PTPA612NE, 400-430MHz, 1.8W, 25kHz,  
standard controls, display, GPS

Féquences nationales sous licence uniquement

Cette déclaration de conformité remplace DOC-17081600938-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 302 561 V2.1.1  
EN 303 413 V1.1.1

EN 301 489 - 1 V2.2.3  
EN 301 489 - 5 V2.2.1  
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  
EN 50566:2017

**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-17081600938-B)

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>
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**ANTENNE**

AN000231A02	LDS Antenna for TETRA Pager (400-430MHz)
PMAE4108A	Homestation external antenna

**BATTERIE**

PMNN4510B	BATT IMPRES 2 LIION 2200T
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**PORT SUR LE CORPS**

PMLN7605A	Carry Case Pouch
PMLN7606A	Carry Holster

**CHARGEUR**

PMPN4142A	Home Station
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**CÂBLE**

PMKN4196A	CBL ASSY: MICRO USB ACTIVE SYNC
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**ALIMENTATION**

PS000150A22	7.5 Watt Travel Charger
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**LOGICIEL**

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

## EU-Konformitätserklärung (DoC-17081600938-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 2013/35/EU (EMF)  
Richtlinie 2011/65/EU (RoHS)  
Richtlinie 2012/19/EU (WEEE)

**Gegenstand der Erklärung:** TETRA Two-Way Pager  
Advisor™ TPG2200 TETRA Two-Way Pager

PTPA612NE, 400-430MHz, 1.8W, 25kHz,  
standard controls, display, GPS

Ausschließlich lizenzierte nationale Frequenzen

Diese Konformitätserklärung ersetzt die DOC-17081600938-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 302 561 V2.1.1  
EN 303 413 V1.1.1

EN 301 489 - 1 V2.2.3  
EN 301 489 - 5 V2.2.1  
EN 301 489 - 19 V2.1.1

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

Konform mit den ICNIRP (1998) Grenzwerten berufsbedingter/kontrollierter Exposition  
EN 50566:2017

**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.

## Rev. 1 Zusatz zu EU-Konformitätserklärung (DoC-17081600938-B)

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

<u>TEILNUMMER</u>	<u>BESCHREIBUNG (NUR ZUR INFORMATION)</u>
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**ANTENNE**

AN000231A02	LDS Antenna for TETRA Pager (400-430MHz)
PMAE4108A	Homestation external antenna

**AKKU**

PMNN4510B	BATT IMPRES 2 LIION 2200T
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**AM KÖRPER GETRAGEN**

PMLN7605A	Carry Case Pouch
PMLN7606A	Carry Holster

**LADEGERÄT**

PMPN4142A	Home Station
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**KABEL**

PMKN4196A	CBL ASSY: MICRO USB ACTIVE SYNC
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**NETZTEIL**

PS000150A22	7.5 Watt Travel Charger
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**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-17081600938-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 2013/35/UE (EMF)  
Direttiva 2011/65/UE (RoHS)  
Direttiva 2012/19/UE (WEEE)

**Oggetto della dichiarazione:** TETRA Two-Way Pager  
Advisor™ TPG2200 TETRA Two-Way Pager

PTPA612NE, 400-430MHz, 1.8W, 25kHz,  
standard controls, display, GPS

Solo frequenze nazionali con licenza

Questa Dichiarazione di conformità sostituisce DOC-17081600938-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 302 561 V2.1.1  
EN 303 413 V1.1.1

EN 301 489 - 1 V2.2.3  
EN 301 489 - 5 V2.2.1  
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)  
EN 50566:2017

**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-17081600938-B)

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>	
AN000231A02	LDS Antenna for TETRA Pager (400-430MHz)
PMAE4108A	Homestation external antenna
<b>BATTERIA</b>	
PMNN4510B	BATT IMPRES 2 LIION 2200T
<b>INDOSSABILE</b>	
PMLN7605A	Carry Case Pouch
PMLN7606A	Carry Holster
<b>CARICABATTERIA</b>	
PMPN4142A	Home Station
<b>CAVO</b>	
PMKN4196A	CBL ASSY: MICRO USB ACTIVE SYNC
<b>ALIMENTAZIONE</b>	
PS000150A22	7.5 Watt Travel Charger

### 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.



## **Deklaracja zgodności UE (DoC-17081600938-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 2013/35/UE (EMF)  
Dyrektywa 2011/65/UE (RoHS)  
Dyrektywa 2012/19/UE (WEEE)

**Przedmiot deklaracji:** TETRA Two-Way Pager  
Advisor™ TPG2200 TETRA Two-Way Pager

PTPA612NE, 400-430MHz, 1.8W, 25kHz,  
standard controls, display, GPS

Wyłącznie krajowe licencjonowane częstotliwości

Niniejsza deklaracja zgodności zastępuje DOC-17081600938-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 302 561 V2.1.1  
EN 303 413 V1.1.1

EN 301 489 - 1 V2.2.3  
EN 301 489 - 5 V2.2.1  
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)  
EN 50566:2017

**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 Uzupelnienie do Deklaracja zgodności UE (DoC-17081600938-B)**

Wymienione akcesoria są dopuszczone do użytku z przedmiotem niniejszej deklaracji.

<u>NUMER KATALOGOWY</u>	<u>OPIS (TYLKO INFORMACYJNIE)</u>
<b>ANTENA</b>	
AN000231A02	LDS Antenna for TETRA Pager (400-430MHz)
PMAE4108A	Homestation external antenna
<b>BATERIA</b>	
PMNN4510B	BATT IMPRES 2 LIION 2200T
<b>URZĄDZENIE NOSZONE NA CIELE</b>	
PMLN7605A	Carry Case Pouch
PMLN7606A	Carry Holster
<b>ŁADOWARKA</b>	
PMPN4142A	Home Station
<b>KABEL</b>	
PMKN4196A	CBL ASSY: MICRO USB ACTIVE SYNC
<b>ZASILACZ</b>	
PS000150A22	7.5 Watt Travel Charger

**OPROGRAMOWANIE**

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

## Declaración UE de conformidad (DoC-17081600938-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 2013/35/UE (EMF)  
Directiva 2011/65/UE (RoHS)  
Directiva 2012/19/UE (WEEE)

**Objeto de la declaración:** TETRA Two-Way Pager  
Advisor™ TPG2200 TETRA Two-Way Pager

PTPA612NE, 400-430MHz, 1.8W, 25kHz,  
standard controls, display, GPS

Frecuencias con licencia únicamente nacional

Esta Declaración de conformidad reemplaza a DOC-17081600938-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 302 561 V2.1.1  
EN 303 413 V1.1.1

EN 301 489 - 1 V2.2.3  
EN 301 489 - 5 V2.2.1  
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  
EN 50566:2017

**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-17081600938-B)

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>
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**ANTENA**

AN000231A02	LDS Antenna for TETRA Pager (400-430MHz)
PMAE4108A	Homestation external antenna

**BATERÍA**

PMNN4510B	BATT IMPRES 2 LIION 2200T
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**EN EL CUERPO**

PMLN7605A	Carry Case Pouch
PMLN7606A	Carry Holster

**CARGADOR**

PMPN4142A	Home Station
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**CABLE**

PMKN4196A	CBL ASSY: MICRO USB ACTIVE SYNC
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**FUENTE DE ALIMENTACIÓN**

PS000150A22	7.5 Watt Travel Charger
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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.