

Declaration of Conformity



We, Importer

**MAC
AUDIO**

A trademark of Magnat Audio-Produkte GmbH
Lise-Meitner-Straße 9
D-50259 Pulheim
Germany

declare that the product
(description of the apparatus, system, installation to which it refers)

MAC 520 DAB
Car Multimedia Navigation Receiver

is in conformity with the
Council Directives

2014/30/EU	EMCD directive
2014/53/EU	RED directive
2014/35/EU	Low Voltage Directive
2011/65/EC	RoHS2 directive

References to the harmonized standards referring to the directives

CISPR25 (2nd edition 2002+corrigendum 2004)	- Results of measurement of radiated narrowband electromagnetic disturbances - Results of measurement of radiated broadband electromagnetic disturbances
ISO 7637-2 (2nd edition 2004)	- Road vehicles – Electrical disturbances from conduction and coupling – Part 2: Electrical fast transient along supply lines only – Emission - Road vehicles – Electrical disturbances from conduction and coupling – Part 2: Electrical slow transient along supply lines only – Emission - Road vehicles – Electrical disturbances from conduction and coupling – Part 2: Electrical transient along supply lines only – Immunity
ISO 11452-2 2nd Edition: 2004	Immunity to electromagnetic radiation – free field testing method (from 400 – 2000 MHz)
ISO 11452-4 3rd Edition: 2005 and Corrigendum 1:2009	Immunity to electromagnetic radiation - Bulk current injection testing method (from 20 – 400 MHz)
EN55032 :2105	Electromagnetic compatibility of multimedia equipment - Emission Requirements
EN 55020:2007 +A12:2016	Sound and television broadcast receivers and associated equipment Immunity characteristics – Limits and methods of measurement
EN 61000-4-2: 2009	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test (IEC 61000-4-2:2008); German version EN61000 4-2:2009
ETSI EN 303 345 V1.1.7 (draft)	Broadcast Sound Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 301489-1 V2.1.1 (2017-02)	Electromagnetic Compatibility and radio spectrum matters (ERM) ; Electromagnetic Compatibility (EMC) for radio equipment and services; Part 1: Common technical requirements
ETSI EN 301489-17 V3.1.1 (2017-02)	Electromagnetic Compatibility and radio spectrum matters (ERM) ; Electromagnetic Compatibility (EMC) for radio equipment and services; Part 17: Specific conditions Broadband Data Transmission Systems
ETSI EN 300328 V2.1.1 : 2016-11	Electromagnetic compatibility and Radio spectrum Matters (ERM) - Wideband transmission systems - Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
EN 60065 : 2014	Audio, video and similar electronic apparatus - Safety requirements
EN 62479 : 2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

For and on behalf of the above mentioned company:

Name: Klaus Bödige
Position: Engineer of R & D
Date: Sept.06, 2017

Signature: