

# Declaration of Conformity



We, Importer



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)

**MAC620**

Car Multimedia Navigation Receiver  
is in conformity with the Council Directives

|                   |                                      |
|-------------------|--------------------------------------|
| <b>2014/30/EU</b> | <b>EMCD directive</b>                |
| <b>2014/53/EU</b> | <b>RED Radio Equipment Directive</b> |
| <b>2014/35/EU</b> | <b>Low Voltage Directive</b>         |
| <b>2011/65/EU</b> | <b>RoHS2 directive</b>               |

Reference to the harmonized standards referring to the directive

|                                     |   |
|-------------------------------------|---|
| EN 55032:2015                       | Electromagnetic compatibility of multimedia equipment - Emission requirements (CISPR 32:2015); German version EN 55032:2015   |
| EN 55020:2007 + A11 :2011           | Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement  |
| EN 61000-3-2:2014                   | Electromagnetic compatibility (EMC) – Part 3-2: Limits<br>Limits for harmonic current emissions<br>(equipment input current up to and including 16A per phase)  |
| EN 61000-3-3: 2013                  | Electromagnetic compatibility (EMC) – Part 3-3: Limits<br>Limitation of voltage changes, voltage fluctuations and flicker in public low voltage supply systems, for equipment with rated current up to 16A per phase and not subject to conditional connection  |
| ETSI EN 301 489-1 V2.2.0 (2017-03)  | Electromagnetic Compatibility and radio spectrum matters (ERM) ;<br>Electromagnetic Compatibility (EMC) for radio equipment and services;<br>Part 1: Common technical requirements  |
| ETSI EN 301 489-3 V2.1.1 (2017-03)  | Electromagnetic Compatibility (EMC) standard for radio equipment and services; - Part 3:<br>Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9<br>kHz and 246 GHz; Harmonised standard covering the essential requirements of article<br>3.1(b) of Directive 2014/53/EU |
| ETSI EN 301 489-17 V3.2.0 (2017-03) | Electromagnetic Compatibility and radio spectrum matters (ERM) ;<br>Electromagnetic Compatibility (EMC) for radio equipment and services;<br>Part 17: Specific conditions Broadband Data Transmission Systems   |
| ETSI EN 303 345 V1.1.7 (2017-03)    | Broadcast Sound Receivers; Harmonised Standard covering the essential requirements<br>of article 3.2 of Directive 2014/53/EU  |
| EN 300328 V2.1.1 (2016-11)          | Electromagnetic compatibility and Radio spectrum Matters (ERM) - Wideband<br>transmission systems - Data transmission equipment operating in the 2,4 GHz ISM band<br>and using wide band modulation techniques  |
| EN 303413 V1.1.0 (2017-03)          | Satellite Earth Stations and Systems (SES);Global Navigation Satellite System (GNSS)<br>receivers; Radio equipment operating in the 1164 MHz to 1300 MHz and 1559 MHz to 1<br>610 MHz frequency bands; Harmonised Standard covering the essential requirements of<br>article 3.2 of Directive 2014/53/EU  |
| EN 62479:2010                       | Assessment of the compliance of low power electronic and electrical equipment with the<br>basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300<br>GHz) (IEC 62479:2010, modified)  |
| IEC 60065:2014                      | Audio, Video and similar electronic parts - Safety requirements   |

For and on behalf of the above mentioned company:

Name: Klaus Bödige  
Position: Engineer of R & D  
Date: June 22, 2017

Signature: