



DEKRA Testing and Certification, S.A.U.

Product certification body accredited by ENAC with accreditation No. 134/C-PR301
and designated by the competent national authority of Spain

to act as Notified Body (Notified Body No: 1909) in accordance with the Directive 2014/53/EU of 16 April 2014

Directive 2014/53/EU – EU-TYPE EXAMINATION CERTIFICATE

Identification Number: **51929RNB.007**
Issue date: **2020-05-08**

MANUFACTURER DETAILS:

Company name: **PANASONIC AUTOMOTIVE SYSTEMS EUROPE GMBH**
Address: **Robert Bosch Str. 27-29
63225 Langen
Germany**

EQUIPMENT DETAILS:

Type of equipment: **Headunit with radio and Bluetooth**
Brand name: **Panasonic**
Model name: **MIB3E_MQB_BT**
HW version: **X31 / X40**
SW version: **X450 / X820**

SCOPE OF OPINION:

Essential requirements	Specifications / Standards	Submitted documents
Article 3.1(a): Electrical safety	EN 62368-1:2014 + AC:2015 + A11:2017	Test report
Article 3.1(a): EMF exposure	EN 62311:2008	Assessment report
Article 3.1(b): EMC	Draft EN 301 489-1 V2.2.0 Draft EN 301 489-17 V3.2.0 EN 55032: 2015 + AC:2016 EN 55035: 2017	Test report
Article 3.2: Radio spectrum use	EN 300 328 V2.1.1 Final Draft EN 303 345 V1.1.7	Test reports

OPINION:

Our opinion in accordance with Annex III of DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on radio equipment and the mutual recognition of their conformity is that the equipment complies with the requirements of that directive stated in the above scope.

This opinion has 1 annex with 2 pages and it is only valid in conjunction with it.

Signed on behalf of DEKRA Testing and Certification, S.A.U. in Málaga (Spain)

Name: **Benjamín Ramírez**
Position: **Responsible for Certification**



Annex I to EU-Type Examination Certificate No. 51929RNB.007

TECHNICAL DOCUMENTATION:

Held at: PANASONIC AUTOMOTIVE SYSTEMS EUROPE GMBH
Address: Robert Bosch Str. 27-29 – 63225 Langen – Germany
Identification name/number: MIB3E_MQB_BT
Issue date: 2020-05-08

TECHNICAL FEATURES AND CHARACTERISTICS:

Operation modes: Bluetooth 4.2 EDR
AM/FM broadcast sound receiver (BSR)
Operating frequency bands: Bluetooth: 2400-2483.5 MHz
AM BSR: MF
FM BSR: VHF band II
Output power (rated): Bluetooth: 1.6 dBm eirp
Operating temperature range: From -35°C to 70°C
Operating voltage range: 12 VDC
Antenna: Integral antenna
Intended use: Automotive headunit with radio and Bluetooth EDR

CONFORMITY DETAILS:

Essential requirements	Specifications / Standards	Reference documents
Article 3.1(a): Electrical safety	EN 62368-1:2014 + AC:2015 + A11:2017	51929RSE.003 51929RSE.008
Article 3.1(a): EMF exposure	EN 62311:2008	51929RAN.001 51929RAN.015
Article 3.1(b): EMC	Draft EN 301 489-1 V2.2.0 Draft EN 301 489-17 V3.2.0 EN 55032: 2015 + AC:2016 EN 55035: 2017	51929REM.001 51929REM.021
Article 3.2: Radio spectrum use	EN 300 328 V2.1.1 Final Draft EN 303 345 V1.1.7	51929RRF.001 51929RRF.002 51929RRF.031

REMARKS AND COMMENTS:

It is mandatory to inform DEKRA Testing and Certification, S.A.U. in writing about any change in the approved equipment identified in this certificate, which could affect the conformity of the apparatus with the essential requirements or the conditions of validity of this certificate.

EMF exposure only evaluated when the antenna used with the device is located at a minimum distance of 20 cm from the user.

Device should be installed following manufacturer instructions. The integration conditions may affect the compliance; if the manufacturer is in doubt about the compliance then the equipment under new integration conditions must be assessed to demonstrate compliance with the essential requirements of the 2014/53/EC Directive. It should be noted that assessment does not necessarily lead to testing.

Two different variants are commercialised under the model name MIB3E_MQB_BT, each one identified with the part numbers 654.035.867.A and 575.035.888. Both variants have been evaluated and are covered by this EU-Type Examination Certificate.

The HW version X31 and SW version X450 correspond to part number 654.035.867.A, whereas the HW version X40 and SW version X820 correspond to part 575.035.888.



MODIFICATIONS

It is added a new variant with part number 575.035.888.

This certificate supersedes and replaces the certificate version 51929RNB.002.