

FMA204 CE / RED

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CE logo.

The **Radio Equipment Directive** (2014/53/EU) ensures a Single Market for radio equipment by setting essential requirements for safety and health, electromagnetic compatibility, and the efficient use of the radio spectrum.



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Description

It applies to all products using the radio frequency spectrum. It has been applicable since 13 June 2016. As of 13 June 2017 the new set of requirements of RED are applicable to the equipment.

According to RED directive, the conformity against the following requirements needs to be demonstrated:

- 3.1(a): Radio equipment shall be constructed so as to ensure the protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in Directive 2014/35/EU (LVD), but with no voltage limit applying;
- 3.1(b): Radio equipment shall be constructed so as to ensure an adequate level of electromagnetic compatibility as set out in Directive 2014/30/EU (EMC).
- 3.2: Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Starting with 20 December 2020 only the EN62368-1 will be accepted as a proof of conformity for LVD part of CE RED requirements.

Standards applied

The conformity with the essential requirements has been demonstrated against the following harmonized standards:

Standard	Article
EN 60950-1:2006 + A1:2010 + A2:2013 + A11:2009 + A12:2011	
IEC 60950-1:2005 (Second Edition) + A1:2009 + A2:2013	
CSA C22.2 No. 60950-1:2007 + A1:2011 + A2:2014	Health and safety -
UL60950-1:2007 (Second Edition) + A1:2011 + A2:2014	Article 3.1(a)
EN 62311:2008	
EN 50383:2010	
Draft EN 303 446-1 V1.1.0	
Draft EN 301 489-1 V2.2.0	Electromagnetic
Draft EN 301 489-17 V3.2.0	compatibility - Article
Draft EN 301 489-52 V1.1.0	3.1(b)
EN 301 511 V12.5.1	
EN 301 908-1 V11.1.1	
EN 301 908-2 V11.1.1	Efficient use of radio
EN 301 908-13 V11.1.1	spectrum - Article 3.2
Draft EN 303 413 V1.1.0	
EN 300 328 V2.1.1	

Therefore  is placed on the product.

Disclaimer:

Test reports that are referenced in declarations and certificates can be provided upon request. For the request to be approved, the recipient of the test reports should be a certification authority or certified test house. The recipients will be asked to sign a non-disclosure agreement (NDA).

Attachments

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EC Declaration of Conformity

Declaring Organisation: **TEL TELTONIKA**

Sofortinė at. 5B
 LT-08185, Vilnius, Lithuania
 Tel. +370 5 212 74 72
 Email: info@teltonika.lt
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Product Name:	Flare Management System
Product Model Name:	FM4202, FM4203, FM4206
Product Description:	QW5/Q20H router

Technical description of built in RF module:

Frequency range:	To	By
GSM900	880MHz - 915MHz	925MHz - 960MHz
GSM1800	1710MHz - 1785MHz	1805MHz - 1880MHz
GPS	1575.42 MHz	
GLONASS	/	1602.50MHz - 1615.50MHz

Transmitted Power:	Max. 32.04 mW (23dBm)
Hardware Version:	TM2100_01
Software Version:	TM21_0_08.08.01.00

 TELTONIKA	Številčnica in IM: 17-00000-00000 Tel: +386(0)5 321 1280	Fax: +386(0)5 321 1281 E-mail: info@teltonika.si	www.teltonika.si info@teltonika.si
<p> We, TELTELTONIKA, declare under our sole responsibility that the above described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED). </p> <p> The conformity with the essential requirements has been demonstrated against the following harmonized standards: </p>			
Harmonized Standard references	Article of Directive 2014/53/EU	Test Report No.	
EN 50195-1:2006 + A12:2011 + A2:2013 + A11:2009 + A2:2011	Health and safety - Article 3 (3)	T22-00047-17	
EN 62209-2:2007	Electromagnetic compatibility - Article 3 (3)	0001700-01-00000	
EN 50195-2:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-3:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-4:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-5:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-6:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-7:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-8:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-9:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-10:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	
EN 50195-11:2006 + A12:2011	Electromagnetic compatibility - Article 3 (3)	T22-00047-17	

You can the find PDF version of the declaration [here](#).

External links

https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/red_en