

FM3622 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.

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
Draft EN 301 489-17 V3.2.0
Draft EN 301 489-52 V1.1.0
EN 301 511 V12.5.1
EN 301 908-1 V11.1.1
EN 301 908-2 V11.1.1
EN 301 908-13 V11.1.1
Draft EN 303 413 V1.1.0
EN 300 328 V2.1.1

Electromagnetic
compatibility - Article
3.1(b)

Efficient use of radio
spectrum - Article 3.2

Therefore  is placed on the product.

External links

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