



**TESTED
IN GERMANY**

New "Radio Equipment Directive" (RED)

2014/53/EU

The new Radio Equipment Directive* (2014/53/EU) has already become effective
as published in the Official Journal (L 153/62) of the European Union, dated 16 April 2014.

The existing **R&TTE Directive 1999/5/EC** ceases to be applicable as from **13 June 2017** (Article 49).

A significant change is that **this Directive applies to wireless products** for radio communication and radio determination **only** (Preamble 6) and should **not** apply to **fixed-line terminal equipment** (Preamble 4), which are now covered by the new EMC-/LVD-Directives.

Receivers (only) need to ensure the "efficient use of radio spectrum" acc. to this Directive (Preamble 11).

There should **only** be a **single EU Declaration of Conformity (DOC)** in respect of **all** Union acts (Article 18), applicable/required to ensure conformity with the requirements for CE-marking.

"Simplified DOC" (including Name of manufacturer, model/type and directive 2014/53/EU) can be used to **affix it to the packaging** of the radio equipment concerned, with exact internet address to obtain the full text of the DOC. (Preamble 31, Article 9, Article 18 & Annex VII). If possible (size of equipment), **postal address, name of manufacturer, model/type and CE marking** need to be shown **on the equipment** (Article 10). The terms "Class Identifier" (i.e. "alert sign") and "Expert's Opinion" described in the existing R&TTE Directive are no longer mentioned in this new Directive.

Information of the manufacturer (traceability throughout the whole supply chain), the **product** and the **DOC** must be in **language** easily understood by the destination's consumers and end-users, as determined by the Member State's authorities (Articles 7, 8, 12, 13, 18 & 21).

The **essential requirements** refer to new Directives: 2014/35/EU (including EMC and safety, but with no voltage limit applying). The other requirements are detailed in **Article 3**. Compliance has to be in all possible configurations (Article 17).

New rules on **penalties** in case of infringements will be **effective and dissuasive**, and there are many other new and tough requirements, e.g.

1. **Manufacturer** is part of the Economic Operators, and therefore has full list of obligations (Article 10). In the existing Directive, responsibility lies with "the person responsible for placing the apparatus on the market", but **now** the new Directive states clearly: **"the manufacturer shall assume responsibility for the compliance"** (Article 18)
2. It needs to be ensured that only **software** ensuring compliance of the apparatus/system can be loaded/used (Article 3&4).
3. Increased control on the competence of **Notified Body (NB)** (Article 24-38)
4. There is a **"Union Safeguard Procedure"** that ".. all Member States shall take the necessary measures to ensure that the non-compliant radio equipment is **withdrawn** or **recalled** from their market" (Article 41)
5. Annex III will be a very common approach, in which "EU-Type Examination" will be prepared by a Notified Body. Display of Notified Body's identification is needed only for Annex IV.
6. User's instructions need to include operating conditions, frequency range and maximum power transmitted. Restrictions (e.g. allowed countries) need to be shown on the packing (Article 10)

Conclusions:

Using a reliable RED Notified Body (such as PKM-NB ID: 2522) is the best solution to get ready for the new RED Directive!

Note:

Based on the latest information from the European Commission (EC), this Directive shall enter into force within the whole Europe as from 13 June 2016, but not allowed to use before this date.

* Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC.



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