

2014 年 4 月 16 日，欧盟委员会在其官方公报 (L 153/62) 上颁布了新版欧盟
无线电设备 (RED) 指令 2014/53/EU

现行的无线电及通讯终端 (R&TTE) 指令 1999/5/EC 将于 2016 年 6 月 13 日起不再适用 (第 49 条)。最显著的变化是新版指令仅适用于无线电通讯产品 (序文第 6 条)，不适用于固网终端设备 (序文第 4 条)，这些都涵盖在新版电磁兼容 EMC 指令和低电压 LVD 指令中。

依照该指令序文第 11 条，无线电接收机只需要确保无线电频谱的有效使用。

新版指令有单一的针对所有欧盟成员国的“符合性声明 (DOC)” (第 18 条)，该声明须与 CE 标志的要求保持一致。

包含制造商名称、型号、种类和 2014/53/EU 指令的简化版“符合性申明 (DOC)”可以附注在相关的无线电产品外包装上，且附加网址以便获取全套的符合性申明信息 (序文第 31 条、正文第 9 条、第 18 条和附件第 7 条)。如果设备大小允许，邮编、生产商名称、产品型号/类型和 CE 标志都应该标注在设备上 (第 10 条)。现行无线电及通讯终端 (R&TTE) 指令中使用的“类别标识” (例如：警示信号) 和“专家建议”在新版指令中不再提及。

应各欧盟成员国要求，在整个供应链中可追溯的制造商信息、产品信息以及符合性声明信息必须用能让消费者和终端使用者能够明白的语言书写 (第 7、8、12、13、18、21 条)。

新指令 2014/53/EU 中涉及到的必不可少的要求：包含电磁兼容和安全，没有电压限制应用，其他详细的要求在第 3 条中载明，且适用于所有可能的设备中 (第 17 条)。

新规对侵权行为将有有效的处罚和劝诫措施，同时还有其他许多新的硬性要求，例如：

1. 制造商是经济运营的一部分，因此将承担全部责任 (第 10 条)。在现行指令中，责任在于将产品投放市场的分销商，但新版指令明确指出，制造商应承担全部责任 (第 18 条)。
2. 需要确保的是确保软件合规的设备或者系统才可以加载或使用。
3. 对公告机构的能力进行强化管理 (第 24-38 条)。
4. 联合安保措施，欧盟所有成员国应采取必要的措施确保不兼容的电器设备从市场上退出或者召回 (第 41 条)。
5. 附件 3 是一个通用方法，欧盟型式检查将有公告机构 (NB) 准备。公告机构的资质证明仅需要在附件 4 中进行公示。
6. 用户指南需包含操作环境、频率范围、最大传输功率。限制性条件 (获许可的国家) 需在包装上标明 (第 10 条)。

STC 在德国拥有可靠的公告机构：PKM electronic GmbH (NB ID: 2522)，确保您的产品符合最新的指令要求。

如欲了解更多相关资料，请通过以下方式与我们电器及电子产品部联络：

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The new Radio Equipment Directive (2014/53/EU) has already 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 2016** (*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*)
- It needs to be ensured that only **software** ensuring compliance of the apparatus/system can be loaded/used (*Article 3&4*).
- Increased control on the competence of **Notified Body (NB)** (*Article 24-38*)
- 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*)
- 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.
- 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*)

STC, the Hong Kong Standards and Testing Centre, wholly owns a reliable Notified Body, PKM electronic GmbH (NB ID: 2522), in Germany to ensure your products comply with the latest request!

For more information, please feel free to contact our Electrical Products Division:

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