

**RO-IR SRD-11**

**TECHNICAL REGULATION**

**for the radio interface**

**concerning devices for radio-based audio/multimedia applications**

**(previous coding RO-IR 13)**

## 1. Basic Considerations

Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC was implemented in national legislation by Government Decision No. 740/2016 on making available on the market of radio equipment with subsequent amendments and completions.

This technical regulation contains the requirements for license-exempt use of radio spectrum by audio and multimedia streaming systems in the specified frequency bands and considers compliance, especially, with the provisions of Article 3 Paragraph 2 and Articles 6-8 of Directive 2014/53/EU.

Nothing in this technical regulation shall preclude the obligation for radio equipment placed on the market or made available on the market in Romania to comply with Directive 2014/53/EU.

The obligations arising from Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on information society services are met in this regulation (OJ L 241, 17.9.2015, p. 1–15).

All the Romanian technical regulations for the radio interfaces notified under Directive (EU) 2015/1535 shall be published and shall be made available on National Authority for Management and Regulation in Communications (ANCOM) website at: [http://www.ancom.ro/reglementari-interfete\\_2723](http://www.ancom.ro/reglementari-interfete_2723).

## 2. Radio Interface Specifications

### Audio and Multimedia Streaming Systems

Frequency band	Annex
87,5—108 MHz	RO-IR-SRD-11-01
863—865 MHz	RO-IR-SRD-11-02
1 795—1 800 MHz	RO-IR-SRD-11-03

For the purpose of this technical regulation, *a proximity radio device (short-range device - SRD)* means a radio device which provides either unidirectional or bidirectional communication, and which receives and/or transmits signals over a short distance and at low power.

The high duty cycle/continuous transmission device category covers radio devices that rely on low latency and high duty cycle transmissions. Typical uses are for personal wireless audio and multimedia streaming systems used for combined audio/video transmissions and audio/video sync signals, mobile phones, automotive or home entertainment system, wireless microphones, cordless loudspeakers, cordless headphones, radio devices carried on a person, assistive listening devices, in-ear monitoring, wireless microphones for use at concerts or other stage productions, and low power analogue FM transmitters.

For the purpose of this technical regulation, *cordless* means the link between at least two devices that do not require physical connection. While the term "*cordless*" refers to infra-red or to other links which are not on radio support, in the context of this document it refers only to systems operating through the radio frequency spectrum.

For the purpose of this technical regulation, *non-interference and non-protected* means that no harmful interference may be caused to any radio communication service and that no claim may be made for protection of these devices against interference originating from radio communication services.

The use of radio spectrum by short-range devices is permitted on a non-interference and non-protected basis provided that such equipment meets the conditions set out in the Annex.

### 3. Document History:

Edition	Changes
Edition 1/2014	Notification number according to Directive 98/34/EC: 2014/608/RO.
Edition 2/2018 (06.08.2018)	<p>Update according to Commission Implementing Decision (EU) 2017/1483 amending Decision 2006/771/EC on harmonization of the radio spectrum for use by short-range devices and repealing Decision 2006/804/EC:</p> <ul style="list-style-type: none"> <li>• Update of the specifications for the radio interface (RO-IR 13-01, RO-IR 13-02)</li> </ul> <p>RO-IR 13-03 has been withdrawn (the 864.8–865 MHz frequency band is no longer covered by ERC/REC 70-03);            Update of the legal framework according to Point 1 – „Basic considerations“;            Formal changes according to TCAM-RSC model of November 2017.</p>
Edition 3/2020 (23.12.2020)	<p>Update according to Commission Implementing Decision (EU) 2019/1345 amending Decision 2006/771/EC updating harmonized technical conditions in the area of radio spectrum use for short-range devices:</p> <ul style="list-style-type: none"> <li>• Update of some definitions and terms;</li> <li>• Renumbering of annexes.</li> </ul> <p>Update of the legal framework according to Point 1 – „Basic considerations“ and reference documents.</p> <p>Update according to the list of Class 1 radio equipment subclasses (version of January 2020) published according to Article 1 Paragraph (3) of Commission Decision 2000/299/EC (<a href="https://ec.europa.eu/docsroom/documents/40361">https://ec.europa.eu/docsroom/documents/40361</a>).</p>
Edition 4/2022 (11.10.2022)	<p>Update according to Commission Implementing Decision (EU) 2022/180 amending Decision 2006/771/EC as regards the update of harmonized technical conditions in the area of radio spectrum use for short-range devices:</p> <ul style="list-style-type: none"> <li>• Update of reference documents (line 13) and definitions point 2.</li> </ul>

Edition	Changes
Edition 5/2025 (22.12.2025)	<p>Update according to Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union:</p> <ul style="list-style-type: none"> <li>• For the radio frequency bands 87.5 – 108 MHz, 863 – 865 MHz and 1795 – 1800 MHz, the applications referred to as radio-based audio/multimedia applications are removed, and these frequency bands are amended as follows: <ul style="list-style-type: none"> <li>➤ The radio frequency band 87.5 – 108 MHz is introduced into the radio interface RO-IR SRD-01 concerning non-specific short-range radio devices and is restricted solely to audio transmitters using analogue frequency modulation (FM). Consequently, it will no longer be included in this technical regulation;</li> <li>➤ The radio frequency band 863 – 865 MHz already exists in the radio interface RO-IR MICRO concerning radio microphones, thus becoming harmonised. Consequently, it will no longer be included in this technical regulation;</li> <li>➤ The non-harmonised radio frequency band 1795 – 1800 MHz, which is removed from ERC/REC 70-03 (October 2025 edition), is also removed from this technical regulation.</li> </ul> </li> </ul> <p>In view of the above mentioned, radio interface RO-IR SRD-11 shall cease to apply as of 22 December 2025. After 22 December 2025, for the radio frequency band 87.5 – 108 MHz, only audio transmitters using analogue frequency modulation (FM) shall be permitted to be placed/made available on the market without licensing.</p>