

## **RO-IR 16**

### **TECHNICAL REGULATION**

**for the radio interface**

**concerning Digital European Cordless Telecommunications (DECT) equipment**

## 1. Basic considerations

Directive 2014/53/EU 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 was implemented in national legislation by Government Decision No. 740/2016 on making available on the market of radio equipment.

This technical regulation contains the requirements for the use of licence exempt DECT equipment and considers especially compliance with the provisions of Article 3 Paragraph 2 and Articles 6, 7 and 8 of Directive 2014/53/EU.

Nothing in this technical regulation shall preclude the need for equipment placed 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 have been met (OJ L 241, 17.9.2015, p. 1–15).

All Romanian technical regulations for the radio interfaces notified under Directive (EU) 2015/1535 will be published and will be made available on National Authority for Management and Regulation in Communications of Romania (ANCOM) web-site at: <http://www.ancom.org.ro/reglementari-interfete> 2723

## 2. Radio Interface Specifications

### DECT (Digital European Cordless Telecommunications)

Frequency band	Annex
1880 – 1900 MHz	RO-IR 16

The use of radio spectrum by DECT equipment is allowed provided that such equipment meets the conditions set out in the Annex.

## 3. Document history:

Edition	Changes
Edition 1/2011	Notification number according to Directive 98/34/EC: 2011/100/RO.
Edition 2/2018 (06.08.2018)	Update of the legal framework according to Point 1 – „Basic considerations”. Update according to the list of Class 1 radio equipment subclasses (January 2018 version) published according to Article 1 Paragraph 3 of Commission Decision 2000/299/EC ( <a href="http://ec.europa.eu/docsroom/documents/26843">http://ec.europa.eu/docsroom/documents/26843</a> ) Formal changes according to TCAM-RSC model of November 2017.

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>DECT (Digital European Cordless Telecommunications)</b>	<b>RO-IR 16</b>	<b>Edition 2/2018</b>
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	<b>Nr</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	DECT	<i>User terminals equipment</i>
	<b>3</b>	<b>Frequency band</b>	1 880 – 1 900 MHz	
	<b>4</b>	<b>Channelling (channel distribution)</b>	1 728 kHz	
	<b>5</b>	<b>Modulation / Occupied bandwidth</b>	See EN 301 406	
	<b>6</b>	<b>Direction/Separation</b>	TDD	<i>See EN 301 406</i>
	<b>7</b>	<b>Transmit power / Power density</b>	250 mW peak effective radiated power (e.r.p.) (peak power over time-slot)	<i>Type of antenna: integrated or dedicated</i>
	<b>8</b>	<b>Channel access and occupation rules</b>	Instant Dynamic Channels Selection	<i>See EN 301 406</i>
	<b>9</b>	<b>Authorisation regime</b>	Licence exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive )</b>	-	
	<b>11</b>	<b>Frequency planning assumptions</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 301 406; Council Directive 91/287/EEC	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

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