

RO-IR 18

TECHNICAL REGULATION

for the radio interface

concerning Assistive Listening Devices (ALD)

98/34/EC Notification number: 2014/609/RO

1. Basic considerations

The Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC (R&TTE Directive) was implemented in Romania (RO) by Government Decision No. 130/2015.

This technical regulation contains the necessary equipment parameters for the use of licence exempt Assistive Listening Devices (ALD) in the specified frequency bands and considers especially compliance with Articles 3.2, 4.1, 6 and 7.2 of Directive 1999/5/EC.

Nothing in this technical regulation shall preclude the need for equipment placed on the market in Romania to comply with Directive 1999/5/EC.

The obligations arising from Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998 laying down a procedure for the provision of information in the field of technical standards and regulations and of rules on Information Society services (OJ L 204 p. 37), as amended by Directive 98/48/EC of the European Parliament and of the Council of 20 July 1998 (OJ L 217 p. 18), have been met.

All Romanian technical regulations notified under Directive 1998/34/EC will be published and will be made available free of charge from the ANCOM web-site at:

http://www.ancom.org.ro/en/interface-regulations-_2723

2. Radio Interface Specifications

Assistive Listening Devices (ALD)

Frequency band	Annex
169.4 - 169.475 MHz	RO-IR 18-01a; RO-IR 18-01b
169.4875 - 169.5875 MHz	RO-IR 18-02a; RO-IR 18-02b
169.4 - 174 MHz	RO-IR 18-03
173.965 - 174.015 MHz	RO-IR 18-04

For the purpose of this technical regulation, *short-range device (SRD)* means radio transmitters which provide either unidirectional or bidirectional communication and which transmit over a short distance at low power.

The assistive listening device (ALD) category covers radio communications systems that allow persons suffering from hearing disability to increase their listening capability. Typical systems include one or more radio transmitters and one or more radio receivers.

For the purpose of this technical regulation, *aids for the hearing impaired* are electro acoustic amplifiers including a microphone and a loudspeaker and having frequency response and dynamic characteristics specific to each hearing loss.

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

The use of radio spectrum by devices is allowed provided that such devices meet the conditions set out in the Annexes.

ROMANIA	Radio Interface Specification	SRD / Assistive Listening Devices (ALD)	RO-IR 18-01a	Edition 1/ 2014
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Assistive Listening Devices (ALD) / Aids for the hearing impaired Personal Hearing Aid System	
	3	Frequency band	169.4 - 169.475 MHz	
	4	Channelling	Max 50 kHz	
	5	Modulation / Occupied bandwidth	--	
	6	Direction / Separation	-	
	7	Transmit power / Power density	10 mW effective radiated power (e.r.p.)	
	8	Channel access and occupation rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements	-	
	11	Frequency planning assumptions	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 422; ECC/DEC/(05)02; ERC/REC 70-03	
	14	Notification number	2014/609/RO	
	15	Remarks	-	

ROMANIA	Radio Interface Specification	SRD / Assistive Listening Devices (ALD)	RO-IR 18-01b	Edition 1/ 2014
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Assistive Listening Devices (ALD) / Aids for the hearing impaired Public Hearing Aid System	
	3	Frequency band	169.4 - 169.475 MHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2013/752/EU amending Decision 2006/771/EC)</i>
	4	Channelling	Max 50 kHz	
	5	Modulation / Occupied bandwidth	--	
	6	Direction / Separation	-	
	7	Transmit power / Power density	500 mW e.r.p.	
	8	Channel access and occupation rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements	-	
	11	Frequency planning assumptions	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 422; Decision 2013/752/EU amending Decision 2006/771/EC; ECC/DEC/(05)02; ERC/REC 70-03;	
	14	Notification number	2014/609/RO	
	15	Remarks	-	

ROMANIA	Radio Interface Specification	SRD / Assistive Listening Devices (ALD)	RO-IR 18-02a	Edition 1/ 2014
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Assistive Listening Devices (ALD) / Aids for the hearing impaired Personal Hearing Aid System	
	3	Frequency band	169.4875 - 169.5875 MHz	
	4	Channelling	Max 50 kHz	
	5	Modulation / Occupied bandwidth	-	
	6	Direction / Separation	-	
	7	Transmit power / Power density	10 mW e.r.p.	
	8	Channel access and occupation rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements	-	
	11	Frequency planning assumptions	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 422; ECC/DEC/(05)02; ERC/REC 70-03	
	14	Notification number	2014/609/RO	
	15	Remarks	-	

ROMANIA	Radio Interface Specification	SRD / Assistive Listening Devices (ALD)	RO-IR 18-02b	Edition 1 / 2014
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Assistive Listening Devices (ALD) / Aids for the hearing impaired Public Hearing Aid System	
	3	Frequency band	169.4875 - 169.5875 MHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2013/752/EU amending Decision 2006/771/EC)</i>
	4	Channelling	Max 50 kHz	
	5	Modulation / Occupied bandwidth	--	
	6	Direction / Separation	-	
	7	Transmit power / Power density	500 mW e.r.p.	
	8	Channel access and occupation rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements	-	
	11	Frequency planning assumptions	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 422; Decision 2013/752/EU amending Decision 2006/771/EC; ECC/DEC/(05)02; ERC/REC 70-03;	
	14	Notification number	2014/609/RO	
	15	Remarks	-	

ROMANIA	Radio Interface Specification	SRD / Assistive Listening Devices (ALD)	RO-IR 18-03	Edition 1/ 2014
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Assistive Listening Devices (ALD) / Aids for the hearing impaired	
	3	Frequency band	169.4 - 174 MHz	<i>On a tuning range basis</i>
	4	Channelling	Max 50 kHz	
	5	Modulation / Occupied bandwidth	-	
	6	Direction / Separation	-	
	7	Transmit power / Power density	10 mW e.r.p.	
	8	Channel access and occupation rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements	-	
	11	Frequency planning assumptions	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 422; ERC/REC 70-03	
	14	Notification number	2014/609/RO	
	15	Remarks	-	

ROMANIA	Radio Interface Specification	SRD / Assistive Listening Devices (ALD)	RO-IR 18-04	Edition 1/ 2014
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Assistive Listening Devices (ALD) / Aids for the hearing impaired	
	3	Frequency band	173.965 - 174.015 MHz	
	4	Channelling	50 kHz	
	5	Modulation / Occupied bandwidth	-	
	6	Direction / Separation	-	
	7	Transmit power / Power density	2 mW e.r.p.	
	8	Channel access and occupation rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements	-	
	11	Frequency planning assumptions	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 422; ERC/REC 70-03	
	14	Notification number	2014/609/RO	
	15	Remarks	-	