



DEVIALET

EC Declaration of conformity

Manufacturer

Name: Devialet
Address: 10 Place Vendôme
75001 Paris, France

Equipment

Model Numbers: ME169
Product Name: ARCH
Description: Audio router for Devialet's speakers



We, Devialet, declare that the above-mentioned equipment complies with the following EU Directives:

- 2014/53/UE Directive relating to the making available on the market of radio equipment (RED)
- 2014/30/UE Directive relating to electromagnetic compatibility (EMC)
- 2014/35/EU Directive relating to electrical equipment designed for use within certain voltage limits (LVD)
- 2011/65/EU Directive relating to the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

The following standards have been applied:

EN 300 328 :2016 V2.1.1
EN 301 893 :2017 V2.1.1
EN 55032 :2015 +AC :2016
EN 55035 : 2017
EN 50561-1 :2013
EN 62311 :2008
EN 301489-1 :2017 v2.1.1
EN 301489-17 :2017 V3.1.1
IEC 60950-1 :2005 +A1 :2009 +A2:2013

Place: Paris

Date: 27th January 2021



DEVIALET

10, Place Vendôme 75001 PARIS

N° SIRET : 502 155 682 00011
N° TVA FR22502155682 - RCS : PARIS 502 155 682


Thiago BARBOSA

Product Certification and Validation Manager



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Essential Requirements – RED Directive
Essential Requirements

ARCH

Article 3 of DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
(RED)

Product name: ARCH
Product models: ME169
Product description: Audio Router for Devialet's speakers

Applicable EU Harmonized Standards:

REF	Standard Regulation	Test Report	Version / Date of test report
R1.	Directive 2014/35/EU	Essential Requirements – Low Voltage Directive Arch	13/01/2021
R2.	Directive 2014/30/EU	Essential Requirements – EMC Directive Arch	14/01/2021
R3.	EN 301489-1 V1.9.2	Module DVTRF001: RM140808E04X (Bureau Veritas)	6 th March 2018
R4.	EN 301489-17 V2.2.1	Module DVTRF001: RM140808E04X (Bureau Veritas)	6 th March 2018
R5.	EN 62311: 2008	Module DVTRF001: SE140808E04X (Bureau Veritas)	6 th March 2018
R6	EN 300 328 V2.1.1	ARCH: 151702-712357-A (Bureau Veritas)	14 th September 2018
R7	EN 301 893 V2.1.1	Module DVTRF001: RE140808E04X-4 (Bureau Veritas)	6 th March 2018
		ARCH: 151702-712361 (Bureau Veritas)	14 th September 2018



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Essential Requirements – RED Directive
Essential Requirements:

ARCH

Section	Requirement	Comments	Applicable (A; N/A)	Verdict (Pass; Fail)
1.	Radio equipment shall be constructed so as to ensure:			
(a)	the protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in Directive 2014/35/EU, but with no voltage limit applying;	Directive 73/23/EEC is replaced by Directive 2014/35/EU See R1; R5	A	Pass
(b)	an adequate level of electromagnetic compatibility as set out in Directive 2014/30/EU.	Directive 2004/108/EC replaces directive 2014/30/EU See R2	A	Pass
2.	Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.	Equipment and components comply relevant parts of: R2; R6; R7	A	Pass
3.	Radio equipment within certain categories or classes shall be so constructed that it complies with the following essential requirements:			
(a)	radio equipment interworks with accessories, in particular with common chargers;	Equipment and components comply relevant parts of: R6; R7	A	Pass
(b)	radio equipment interworks via networks with other radio equipment;	Equipment complies with: R2	A	Pass
(c)	radio equipment can be connected to interfaces of the appropriate type throughout the Union;	Equipment complies with: R3; R4; R6; R7	A	Pass
(d)	radio equipment does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service;	Equipment and components comply relevant parts of: R3; R4; R6; R7	A	Pass
(e)	radio equipment incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected;	Equipment's primary intended use is to broadcast music only.	N/A	



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Essential Requirements – RED Directive

ARCH

(f)	radio equipment supports certain features ensuring protection from fraud;	Equipment's primary intended use is to broadcast music only.	N/A	
(g)	radio equipment supports certain features ensuring access to emergency services;	Equipment's primary intended use is to broadcast music only.	N/A	
(h)	radio equipment supports certain features in order to facilitate its use by users with a disability;	Equipment's primary intended use is to broadcast music only.	N/A	
(i)	radio equipment supports certain features in order to ensure that software can only be loaded into the radio equipment where the compliance of the combination of the radio equipment and software has been demonstrated.	Equipment and components comply relevant parts of: R2; R5; R6; R7	A	Pass

I, undersigned, declare that ARCH, model number ME169:

- Complies with
 Do not comply with
 Are not in the scope of

the essential requirements of the EU directive of DIRECTIVE 2014/53/UE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Paris, 26th January 2021



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Essential Requirements

ANNEX 1 of DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (EMC)

Product name: ARCH
Product model: ME169
Product description: Audio router for Devialet's speakers

Applicable EU Harmonized Standards:

REF	Standard	Test Report N°	Version / Date of test report
R1.	EN 55032:2015	N°: CET0194026_PV_FINAL_01_a CETIM	15 th December 2020
	EN 61000-3-2: 2019		
	EN 61000-3-3: 2013		
R2.	EN 50561-1: 2013		
R3.	EN 55035: 2017		
	EN 61000-4-2		
	EN 61000-4-3		
	EN 61000-4-4		
	EN 61000-4-5		
	EN 61000-4-6		
R4.	EN 301489-1 V2.1.1	Module: RM140808E04X (Bureau Veritas)	6 th March 2018
R5.	EN 301489-17 V3.1.1		



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Requirements:

Section	Requirement	Comments	Applicable (A; N/A)	Verdict (Pass; Fail)
1.	Equipment shall be so designed and manufactured, having regard to the state of the art, as to ensure that:	See (a) and (b)	A	Pass
	(a) the electromagnetic disturbance generated does not exceed the level above which radio and telecommunications equipment or other equipment cannot operate as intended;	Conducted and Radiated disturbance Complies with: R1 (Class B); R2 (Class B); R4; R5;	A	Pass
	(b) it has a level of immunity to the electromagnetic disturbance to be expected in its intended use which allows it to operate without unacceptable degradation of its intended use.	Immunity to conducted disturbance and to radiated disturbance: R3; R5;	A	Pass
2.	Installation and intended use of components A fixed installation shall be installed applying good engineering practices and respecting the information on the intended use of its components, with a view to meeting the essential requirements set out in point 1.	This device is not considered as a fixed installation.	N/A	

I, hereby, declare that ARCH (model number ME169)

- Complies with
 Does not comply with
 Is not in the scope of

the Essential Requirements described in the ANNEX 1 of DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (EMC)

Paris, 14th January 2021


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**Principal Elements of the Safety Objectives for Electrical Equipment Designed For Use within Certain Voltage Limits****ANNEX 1 of DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (Low Voltage)**

Product name: ARCH
Product models: ME169
Product description: Audio router for Devialet's speakers

Applicable EU Harmonized Standards:

REF	Standard	Test Report	Version / Date of test report
R1.	IEC 60950-1:2005 +A1:2009 +A2:2013	LCIE N° 165976-748002-A Ref Certif No FR 703725/M2	17 th June, 2020
R2.	EN60950-1:2005 +A1:2009 +A2:2013 EN62368-1:2014	RE21-007 ARCH ME169_ Safety compliance analysis	25 th January, 2021

Essential Requirements:

Section	Requirement	Comments	Applicable (A; N/A)	Verdict (Pass; Fail)
1.	General conditions	See (a) to (c)	A	Pass
(a)	the essential characteristics, the recognition and observance of which will ensure that electrical equipment will be used safely and in applications for which it was made, shall be marked on the electrical equipment, or, if this is not possible, on an accompanying document;	Required marking is present on product labelling, packaging and manuals. This was verified on R1 – R2	A	Pass
(b)	the electrical equipment, together with its component parts, shall be made in such a way as to ensure that it can be safely and properly assembled and connected;	This was verified on R1 – R2	A	Pass
(c)	the electrical equipment shall be so designed and manufactured as to ensure that protection against the hazards set out in points 2 and 3 is assured, providing that the equipment is used in applications for which it was made and is adequately maintained.	Verified on R1 – R2	A	Pass
2.	Protection against hazards arising from the electrical equipment	See (a) to (d)	A	Pass
	Measures of a technical nature should be prescribed in accordance with point 1, in order to ensure:	See (a) to (d)	A	Pass
(a)	persons and domestic animals are adequately protected against the danger of physical injury or other harm which might be caused by direct or indirect contact;	Verified on R1 – R2	A	Pass
(b)	temperatures, arcs or radiation which	Verified on R1 – R2	A	Pass

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	would cause a danger, are not produced;			
(c)	persons, domestic animals and property are adequately protected against non-electrical dangers caused by the electrical equipment which are revealed by experience;	Verified on R1 – R2	A	Pass
(d)	the insulation is suitable for foreseeable conditions.	Verified on R1 – R2	A	Pass
3.	Protection against hazards which may be caused by external influences on the electrical equipment	See (a) to (c)	A	Pass
	Technical measures are to be laid down in accordance with point 1, in order to ensure:	See (a) to (c)	A	Pass
(a)	meets the expected mechanical requirements in such a way that persons, domestic animals and property are not endangered;	Verified on R1 – R2	A	Pass
(b)	is resistant to non-mechanical influences in expected environmental conditions, in such a way that persons, domestic animals and property are not endangered;	Verified on R1 – R2	A	Pass
(c)	does not endanger persons, domestic animals and property in foreseeable conditions of overload.	Verified on R1 – R2	A	Pass

I, hereby, declare that ARCH (model number ME169):

- Complies with
 Do not comply with
 Are not in the scope of

the Principal Elements of the Safety Objectives described in the ANNEX 1 of DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (Low Voltage).

Paris, 26th January 2021



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Product Certification and Validation Manager



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DEVIALET

DECLARATION

DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the restriction of the use of certain hazardous substances in electrical and electronic equipment. Including COMMISSION DELEGATED DIRECTIVE (EU) 2015/863.

Product name: ARCH
Product model: ME169
Product description: Audio router for Devialet's speakers

To Whom it may concern,

The European Parliament Directive on the restriction of the use of certain hazardous substances (RoHS) is applicable to electrical and electronic equipment (including spare parts). It establishes maximum concentrations for the following substances in homogeneous materials:

Lead	0,1%
Mercury	0,1%
Cadmium	0,01%
Hexavalent chromium	0,1%
Polybrominated biphenyls	0,1%
Polybrominated diphenyl ethers	0,1%
Phtalate de bis-(2-éthylhexyle) (DEHP)	0,1%
Phtalate de benzyle et de butyle (BBP)	0,1%
Phtalate de dibutyle (DBP)	0,1%
Phtalate de diisobutyle (DIBP)	0,1%

Devialet choses only suppliers and components that respect these limits.

Hence, model number ME169:

- Complies with
 Do not comply with
 Are not in the scope of

The DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (RoHS) and its amendment 2015/863.

I, undersigned declare that the information above is true, for the best of my knowledge and belief.

Paris, 14th January 2021

Thiago BARBOSA
Product Certification and Validation Manager



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DEVIALET

REACH Regulation

All products

DECLARATION

**Regulation (EC) No 1907/2006
Registration, Evaluation, Authorization and Restriction of Chemicals**

Product name: PHANTOM
Models: ZP496; DB245; MX207

Product name: PHANTOM Reactor
Models: PA403; HW164, KM193

Product name: DIALOG
Model: VY104

Product name: PHANTOM REMOTE
Model: EH576

Product name: ARCH
Model: ME169

Product name: DEVIALET Gemini
Model: TX101 includin

To Whom it may concern,

This declaration is in reference to article 33 of REACH and based on REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 Dec. 2006.

Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) is an European Union regulation addressing the use of potentially harmful chemical substances; A.K.A. Substances of Very High Concern (SVHC). The currently applicable SVHC candidate list dated January 19th, 2021 contains 211 substances.

I, hereby, declare that none of the above listed equipment contain any of these substances in a concentration exceeding 0.1% weight by weight.

The above information is correct to the best of my knowledge and belief.

Paris, January 26, 2021

Thiago BARBOSA
Product Certification and Validation Manager



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DECLARATION

DIRECTIVE 2012/19/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (WEEE)

Product name: ARCH
Product model: ME169
Product description: Audio router for Devialet's speakers

To Whom it may concern,

The European Parliament Directive on Waste Electrical & Electronic Equipment (WEEE) requires a separate collection and precondition for ensuring specific treatment and recycling of electrical and electronic waste.

For this reason, the appropriate symbol below is placed on the labelling of ARCH and the product marking.



Additionally, this directive established requirements for all parts that have a role in the entire waste chain: Member States, Producers, Distributers and final users. I, undersigned, declare that Devialet Respected all required measures that apply to the Producer.

Hence, ARCH

- Complies with
 Do not comply with
 Are not in the scope of

The DIRECTIVE 2012/19/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (WEEE)

Paris, 14th January 2021,

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