



DEVIALET

EC Declaration of conformity

Manufacturer

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

Equipment

Model Numbers: PHANTOM PA403; PHANTOM HW164
Product Name: Phantom II
Description: Amplified Speaker



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 55024 :2010 +A1 :2015
EN 50561-1 :2013
EN 62311 :2008
EN 301489-1 :2017 v2.1.1
EN 301489-17 :2017 V3.1.1
IEC 60065 :2014
IEC 60950-1:2005 +A1:2009 +A2:2013
IEC 62368-1:2014



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° SIRET : 502 155 682 00011
RCS : PARIS 502 155 682

Place: Paris

Date: 9th June 2021

Margot MISCOPEIN SALER
Product Certification and Validation Manager



Essential Requirements

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

Product name: PHANTOM II
Product models: PHANTOM PA403; PHANTOM HW164
Product description: Amplified Speaker

Applicable EU Harmonized Standards:

REF	Standard	Test Report N°	Version / Date of test report
R1.	EN 55032:2015		1 st February 2019
	EN 61000-3-2: 2014		
	EN 61000-3-3: 2013		
R2.	EN 50561-1: 2013	N°: 154499-718779 (Bureau Veritas) N° : CET0198726_PV_FINAL_01_b (CETIM)	17 th May 2021
R3.	EN 55024: 2011 / A1:2015		
	EN 61000-4-2		
	EN 61000-4-3		
	EN 61000-4-4		
	EN 61000-4-5		
	EN 61000-4-6		
	EN 61000-4-11		
R4.	EN 301489-1 V2.1.1	Module: RM140808E04X (Bureau Veritas)	6 th March 2018
R5.	EN 301489-17 V3.1.1		
R6.	EN 62311 :2008	Module : SE140808E04X (Bureau Veritas)	6 th March 2018
R7.	EN 300328 V2.1.1	PHANTOM: 154500-718783-A / B / C (LCIE) limited program	14 th September 2018
R8.	EN 301893 V2.1.1	PHANTOM: 154500-718784 (LCIE)	14 th September 2018



Requirements:

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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); R1R1 (Class B); R4; R5; R6; R7; R8	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; R3; R4; R5; R8	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.	Models PA403 and HW164 have a C7/C8. Those devices are not considered as a fixed installation.	N/A	

I, hereby, declare that PHANTOM II (model numbers PHANTOM PA403; PHANTOM HW164)

- 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, 9th June 2021

Margot MISCOPEIN SALER
Product Certification and Validation Manager



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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 names: PHANTOM II
Product models: PHANTOM PA403, PHANTOM HW164
Product description: Amplified 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° 154484-718768-B Ref Certif No FR 703797/M1	3 rd January, 2019
R2.	IEC 60065:2014	LCIE N° 167148-750748 Ref Certif No FR 709872	26 th October, 2020
R3.	IEC 62368-1:2014	LCIE N° 167148-750747 Ref Certif No FR 709873	26 th October, 2020

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 – R3	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 – R3	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 – R3	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

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(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 – R3	A	Pass
(b)	temperatures, arcs or radiation which would cause a danger, are not produced;	Verified on R1 – R2 – R3	A	Pass
(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 – R3	A	Pass
(d)	the insulation is suitable for foreseeable conditions.	Verified on R1 – R2 – R3	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 – R3	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 – R3	A	Pass
(c)	does not endanger persons, domestic animals and property in foreseeable conditions of overload.	Verified on R1 – R2 – R3	A	Pass

I, hereby, declare that Phantom II (model numbers PHANTOM PA403, PHANTOM HW164):

- 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, 9th June 2021

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Product Certification and Validation Manager



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Essential Requirements

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

Product name: PHANTOM Reactor
Product models: PHANTOM PA403; PHANTOM HW164
Product description: Amplified Speaker

Applicable EU Harmonized Standards:

REF	Standard Regulation /	Test Report	Version / Date of test report
R1.	Directive 2014/35/EU	Essential Requirements – Low Voltage Directive Phantom Reactor	25/09/2018
R2.	Directive 2014/30/EU	Essential Requirements – EMC Directive Phantom Reactor	25/09/2018
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	Bluetooth module DVTRF001 LE: RE140808E04X-3	6 th March 2018
		Bluetooth module DVTRF001 EDR: RE140808E04X-1	5 th March 2018
		PHANTOM: 154500-718783-A / 154500-718783-B / 154500-718783-C (LCIE)	14 th September 2018
R7.	EN 301 893 V2.1.1	Module DVTRF001: RE140808E04X-4 (Bureau Veritas)	6 th March 2018
		PHANTOM: 154500-718784 (LCIE)	14 th September 2018



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Essential Requirements:

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	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; R5; 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:	N/A	
(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:	N/A	
(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	
(f)	radio equipment supports certain features ensuring protection from fraud;	Equipment's primary intended use is to broadcast music only.	N/A	



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(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 PHANTOM Reactor, model numbers PHANTOM PA403 and PHANTOM HW164

- Comply 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, September 25th 2018



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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

Product name: PHANTOM II
Product models: PHANTOM PA403; PHANTOM HW164
Product description: Amplified Speaker

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 numbers PHANTOM PA403 and PHANTOM HW164

- Comply 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)

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

Paris, 9th June 2021

Margot Miscopein Saler
 Product Certification and Validation Manager



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DECLARATION

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

Product name: PHANTOM II
Product models: PHANTOM PA403; PHANTOM HW164
Product description: Amplified Speaker

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 20, 2021 contains 211 substances.

I, hereby, declare that the none of the above listed DEVIALET equipment contain any of these 211 substances in a concentration exceeding 0.1% weight by weight.

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

Paris, 17th June 2021

Margot Miscopein Saler
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: PHANTOM Reactor
Product models: PHANTOM PA403; PHANTOM HW164
Product description: Amplified Speaker

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 both PHANTOM PA403 and PHANTOM HW164:



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

Hence, PHANTOM PA403 and PHANTOM HW164

- Comply 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, 25th September 2018



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