Sound system equipment - Part 4: Microphones

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 60268-4:2014 sisaldab Euroopa standardi EN 60268-4:2014 inglisekeelset teksti.	This Estonian standard EVS-EN 60268-4:2014 consists of the English text of the European standard EN 60268-4:2014.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 29.08.2014.	Date of Availability of the European standard is 29.08.2014.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 33.160.50

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60268-4

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English Version

Sound system equipment - Part 4: Microphones (IEC 60268-4:2014)

Equipements pour systèmes électroacoustiques - Partie 4: Microphones (CEI 60268-4:2014)

Elektroakustische Geräte - Teil 4: Mikrofone (IEC 60268-4:2014)

This European Standard was approved by CENELEC on 2014-07-24. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN 60268-4:2014 E

Foreword

The text of document 100/2116/CDV, future edition 5 of IEC 60268-4, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60268-4:2014.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2015-04-24
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2017-07-24

This document supersedes EN 60268-4:2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60268-4:2014 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

CISPR 22	NOTE	Harmonized as EN 55022.
IEC 60065:2001	NOTE	Harmonized as EN 60065:2002.
IEC 60065/A1:2005	NOTE	Harmonized as EN 60065/A1:2006.
IEC 60065/A2:2010	NOTE	Harmonized as EN 60065/A2:2010.
IEC 60958-4	NOTE	Harmonized as EN 60958-4.
IEC 61000-3-2	NOTE	Harmonized as EN 61000-3-2.
IEC 61000-3-3	NOTE	Harmonized as EN 61000-3-3.
IEC 61606 (Series)	NOTE	Harmonized as EN 61606 (Series).
IEC 61672-1	NOTE	Harmonized as EN 61672-1.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60268-1	1985	Sound system equipment -- Part 1: General	HD 483.1 S2	1989
+A1	1988		-	-
+A2	1988		-	-
IEC 60268-2	1987	Sound system equipment -- Part 2: Explanation of general terms and calculation methods	HD 483.2 S2	1993
+A1	1991		-	-
IEC 60268-3	2013	Sound system equipment -- Part 3: Amplifiers (GMT)	EN 60268-3	2013
IEC 60268-5	2003	Sound system equipment -- Part 5: Loudspeakers	EN 60268-5	2003
+A1	2007		+A1	2009
IEC 60268-11	1987	Sound system equipment -- Part 11: Application of connectors for the interconnection of sound system components	HD 483.11 S3	1993
+A1	1989		-	-
+A2	1991		-	-
IEC 60268-12	1987	Sound system equipment -- Part 12: Application of connectors for broadcast and similar use	EN 60268-12	1995
+A1	1991		-	-
+A2	1994		+A2	1995
IEC 61000-4-2	2008	Electromagnetic compatibility (EMC) -- Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	2009
IEC 61000-4-3	2006	Electromagnetic compatibility (EMC) -- Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN 61000-4-3	2006
IEC 61000-4-4	2012	Electromagnetic compatibility (EMC) -- Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	EN 61000-4-4	2012
IEC 61000-4-6	2008	Electromagnetic compatibility (EMC) -- Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	2009
IEC 61000-4-8	2009	Electromagnetic compatibility (EMC) -- Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	EN 61000-4-8	2010

IEC 61000-4-16	-	Electromagnetic compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz	-	-
IEC 61000-4-17	1999	Electromagnetic compatibility (EMC) - Part 4-17: Testing and measurement techniques - Ripple on d.c. input power port immunity test	-	-
+A1	2001		+A1	2004
+A2	2008		+A2	2009
IEC 61260-1	2014	Electroacoustics - Octave-band and fractional-octave-band filters -- Part 1: Specifications	EN 61260-1	2014
IEC 61938	2013	Multimedia systems - Guide to the recommended characteristics of analogue interfaces to achieve interoperability	EN 61938	2013
CISPR 35	-	Electromagnetic compatibility of multimedia equipment - Immunity requirements	-	-
ITU-T Recommendation P.51	1996	Artificial mouth	-	-
EN 55103-2	2009	Electromagnetic compatibility – Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use – Part 2: Immunity	-	-
EN 300 422-2 V1.3.1	2011	Electromagnetic compatibility and radio spectrum matters (ERM) – Wireless microphones in the 25 MHz to 3 GHz frequency range – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	-	-

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