



**National Standards Authority of Ireland**

IRISH STANDARD

**I.S. EN 60268-5:2003**

ICS 33.160.50

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## **SOUND SYSTEM EQUIPMENT**

### **PART 5: LOUDSPEAKERS**

**(IEC 60268-5:2003)**

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on:  
September 3, 2003*

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EUROPEAN STANDARD

**EN 60268-5**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2003

ICS 33.160.50

Supersedes EN 60268-5:1996 + A2:1996

English version

**Sound system equipment**  
**Part 5: Loudspeakers**  
(IEC 60268-5:2003)

Equipements pour systèmes  
électroacoustiques  
Part 5: Haut-parleurs  
(CEI 60268-5:2003)

Elektroakustische Geräte  
Teil 5: Lautsprecher  
(IEC 60268-5:2003)

This European Standard was approved by CENELEC on 2003-06-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 100/648/FDIS, future edition 3 of IEC 60268-5, prepared by IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60268-5 on 2003-06-01.

This European Standard supersedes EN 60268-5:1996 + A2:1996.

This standard is to be used in conjunction with HD 483.1 S2:1989, HD 483.2 S2:1993 and ISO 3741:1999.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2004-03-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2006-06-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annexes A, B and C are informative.

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60268-5:2003 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:

ISO 3743-1      NOTE      Harmonized as EN ISO 3743-1:1995 (not modified).

ISO 3743-2      NOTE      Harmonized as EN ISO 3743-2:1996 (not modified).

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-151	- <sup>1)</sup>	International Electrotechnical Vocabulary (IEV) Part 151: Electrical and magnetic devices	-	-
IEC 60263	- <sup>1)</sup>	Scales and sizes for plotting frequency characteristics and polar diagrams	-	-
IEC 60268-1	- <sup>1)</sup>	Sound system equipment Part 1: General	HD 483.1 S2	1989 <sup>2)</sup>
IEC 60268-2	- <sup>1)</sup>	Part 2: Explanation of general terms and calculation methods	HD 483.2 S2	1993 <sup>2)</sup>
IEC 60268-3	- <sup>1)</sup>	Part 3: Amplifiers	EN 60268-3 + corr. January	2000 <sup>2)</sup> 2002 <sup>2)</sup>
IEC 60268-11	- <sup>1)</sup>	Part 11: Application of connectors for the interconnection of sound system components	HD 483.11 S3	1993 <sup>2)</sup>
IEC 60268-12	- <sup>1)</sup>	Part 12: Application of connectors for broadcast and similar use	EN 60268-12	1995 <sup>2)</sup>
IEC 60268-14	- <sup>1)</sup>	Part 14: Circular and elliptical loudspeakers; outer frame diameters and mounting dimensions	-	-
IEC 60651	- <sup>1)</sup>	Sound level meters	EN 60651	1994 <sup>2)</sup>
IEC 61260	- <sup>1)</sup>	Electroacoustics - Octave-band and fractional-octave-band filters	EN 61260	1995 <sup>2)</sup>

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1) Undated reference.

2) Valid edition at date of issue.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 3741	- <sup>1)</sup>	Acoustics - Determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms	EN ISO 3741	1999 <sup>2)</sup>
ISO 3744	- <sup>1)</sup>	Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering method in an essentially free field over a reflecting plane	EN ISO 3744	1995 <sup>2)</sup>
ISO 3745	- <sup>1)</sup>	Acoustics - Determination of sound power levels of noise sources - Precision methods for anechoic and semi-anechoic rooms	-	-

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