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National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60268-7:1999

ICS 33.160.50

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SOUND SYSTEM EQUIPMENT - PART 7: HEADPHONES AND EARPHONES (IEC 268-7:1996)

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60268-7

May 1996

ICS 17.140.50; 33.160.50

Descriptors: Electroacoustic equipment, headphones, earphones, definition, designation, classification, specification, characteristics, measurement

English version

Sound system equipment
Part 7: Headphones and earphones
(IEC 268-7:1996)

Equipements pour systèmes électroacoustiques
Partie 7: Casques et écouteurs
(CEI 268-7:1996)

Elektroakustische Geräte
Teil 7: Kopfhörer und Ohrhörer
(IEC 268-7:1996)

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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.

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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

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Foreword

The text of document 84/417/FDIS, future edition 2 of IEC 268-7, prepared by TC 84 (transformed into SC 100C, Equipment and systems in the field of audio, video and audiovisual engineering, of 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 60268-7 on 1996-03-05.

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) 1996-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-12-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annexes A and ZA are normative and annexes B, C, D and E are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 268-7:1996 was approved by CENELEC as a European Standard without any modification.

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

IEC 65	NOTE: Harmonized, together with its amendments 1:1987 + 2:1989 + 3:1992 as EN 60065:1993 (modified).
IEC 118-0	NOTE: Harmonized as EN 60118-0:1993 (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.

Publication	Year	Title	EN/HD	Year
IEC 38 (mod)	1983	IEC standard voltages[1]	HD 472 S1	1989
IEC 50(801)	1994	International Electrotechnical Vocabulary (IEV) Chapter 801: Acoustics and electroacoustics	-	-
IEC 68	series	Environmental testing	HD 323 EN 60068	series series
IEC 86	series	Primary batteries	EN 60086 HD 211.2 S9 + Corr. March	series 1993 1992
IEC 263	1982	Scales and sizes for plotting frequency characteristics and polar diagrams	-	-
IEC 268-1	1985	Sound system equipment Part 1: General	HD 483.1 S2[2]	1989
IEC 268-2	1987	Part 2: Explanation of general terms and calculation methods	HD 483.2 S2[3]	1993
IEC 268-3	1988	Part 3: Amplifiers	HD 483.3 S2[4]	1992
IEC 268-11	1987	Part 11: Application of connectors for the interconnection of sound system components	HD 483.11 S3[5]	1993
IEC 268-12	1987	Part 12: Application of connectors for broadcast and similar use	EN 60268-12[6]	1995

1) The title of HD 472 S1 is: Nominal voltages for low voltage public electricity supply systems.

2) HD 483.1 S2 includes A1:1988 to IEC 268-1.

3) HD 483.2 S2 includes A1:1991 to IEC 268-2.

4) HD 483.3 S2 includes A1:1990 + A2:1991 to IEC 268-3.

5) HD 483.11 S3 includes A1:1989 + A2:1991 to IEC 268-11.

6) EN 60268-12 includes A1:1991 to IEC 268-12.

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Publication	Year	Title	EN/HD	Year
IEC 268-15	1987	Part 15: Preferred matching values for the interconnection of sound system components	HD 483.15 S4[7]	1992
IEC 711	1981	Occluded-ear simulator for the measurement of earphones coupled to the ear by ear inserts	HD 443 S1	1983
IEC 914	1988	Conference systems - Electrical and audio requirements	HD 549 S1	1989
IEC 959	1990	Provisional head and torso simulator for acoustic measurements on air conduction hearing aids	-	-
IEC Guide 106	1989	Guide for specifying environmental conditions for equipment performance rating	-	-
ISO 3741	1988	Acoustics - Determination of sound power levels of noise sources - Precision methods for board-band sources in reverberation rooms	EN 23741	1991
ISO 4869-1	1990	Acoustics - Hearing protectors Part 1: Subjective method for the measurement of sound attenuation	EN 24869-1	1992
ISO TR 4869-3	1989	Acoustics - Hearing protectors Part 3: Simplified method for the measurement of insertion loss of ear-muff type protectors for quality inspection purposes	-	-

7) HD 483.15 S4 includes A1:1989 + A2:1990 + A3:1991 to IEC 268-15.

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