



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60849:1999

ICS 13.320
33.160.30

National Standards
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SOUND SYSTEMS FOR EMERGENCY PURPOSES (IEC 60849:1998)

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
February 26, 1999*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 60849 ✓

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1998

ICS 13.320;33.160.30

Descriptors: Electroacoustics, electroacoustic equipment, warning systems, emergency call, audible warning devices, loudspeakers, consumer information, personnel evacuation, speech recognition, intelligibility, radio disturbances, sound transmission, definitions, measurements, tests

English version

Sound systems for emergency purposes (IEC 60849:1998)

**Systèmes électroacoustiques pour
services de secours
(CEI 60849:1998)**

**Tonsysteme für Notrufzwecke
(IEC 60849:1998)**

This European Standard was approved by CENELEC on 1998-04-01. 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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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 100C/188/FDIS, future edition 2 of IEC 60849, prepared by SC 100C, Audio, video and multimedia subsystems and equipment, 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 60849 on 1998-04-01.

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) 1999-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-01-01

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

Annexes designated "informative" are given for information only.

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

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60849:1998 was approved by CENELEC as a European Standard without any modification.

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 60027	series	Letter symbols to be used in electrical technology	HD 245	series
IEC 60065 (mod) 1985		Safety requirements for mains operated electronic and related apparatus for household and similar general use	EN 60065 ¹⁾ + corr. November 1993 + A11 1997 + corr. September 1997	1993
IEC 60068-1	1988	Environmental testing Part 1: General and guidance	EN 60068-1 ²⁾	1994
IEC 60079	series	Electrical apparatus for explosive gas atmospheres	EN 50014 & related ENs EN 60079	series
IEC 60268-11	1987	Sound system equipment Part 11: Application of connectors for the interconnection of sound system components	HD 483.11 S3 ³⁾	1993
IEC 60268-12	1987	Part 12: Application of connectors for broadcast and similar use	EN 60268-12 ⁴⁾	1995
IEC 60268-16	1998	Part 16: Objective rating of speech intelligibility by speech transmission index	EN 60268-16	1998
IEC 60364 (mod) series		Electrical installations of buildings	HD 384	series
IEC 60417	1973	Graphical symbols for use on equipment	HD 243 S12 ⁵⁾	1995

1) EN 60065 includes A1:1987, A2:1989 and A3:1992 to IEC 60065.

2) EN 60068-1 includes corrigendum October 1988 and A1:1992 to IEC 60068-1.

3) HD 483.11 S3 includes A1:1989 and A2:1991 to IEC 60268-11.

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

5) HD 243 S12 includes supplements A:1974 to M:1994 to IEC 60417.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61938	1996	Audio, video and audiovisual systems Interconnections and matching values Preferred matching values of analogue signals	EN 61938 + corr. February	1997 1997

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