



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61329:1999**

ICS 33.160.50

**SOUND SYSTEM EQUIPMENT - METHODS OF  
MEASURING AND SPECIFYING THE  
PERFORMANCE OF SOUNDERS  
(ELECTROACOUSTIC TRANSDUCERS FOR  
TONE PRODUCTION) (IEC 1329:1995)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61329**

January 1996

ICS 17.140.50

Descriptors: Electroacoustics, electroacoustic transducers, acoustic signals, definitions, characteristics, performance evaluation, quality, classification, measurement methods

English version

**Sound system equipment**  
**Methods of measuring and specifying the performance of sounders**  
**(electroacoustic transducers for tone production)**  
**(IEC 1329:1995)**

Equipements pour systèmes  
électroacoustiques  
Méthodes de mesure et de spécification  
de la qualité de fonctionnement des  
sondeurs (transducteurs  
électroacoustiques de production  
de sons)  
(CEI 1329:1995)

Geräte für Tonsysteme  
Verfahren zur Messung und Angabe der  
Leistungskennwerte von Schallgebern  
(Elektroakustische Wandler zur  
Tonerzeugung)  
(IEC 1329:1995)

This European Standard was approved by CENELEC on 1995-11-28. 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, 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 84/407 + 407A/DIS, future edition 1 of IEC 1329, prepared by IEC TC 84, Equipment and systems in the field of audio, video and audiovisual engineering, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61329 on 1995-11-28.

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) 1996-09-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1996-09-01

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 annex A is informative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 1329:1995 was approved by CENELEC as a European Standard without any modification.

NOTE: The following editorial change applies to the text of IEC 1329:1995:

In figure 4 and figure 5, replace "{see 5.6.1}" by "{see 5.5.1}".

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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 268-1	1985	Sound system equipment - Part 1: General	HD 483.1 S2 <sup>1)</sup>	1989
IEC 268-2	1987	Part 2: Explanation of general terms and calculation methods	HD 483.2 S2 <sup>2)</sup>	1993
IEC 651	1979	Sound level meters	EN 60651	1994
IEC 1094-1	1992	Measurement microphones Part 1: Specifications for laboratory standard microphones	EN 61094-1 <sup>3)</sup>	1994
IEC 1094-4	1995	Part 4: Specifications for working standard microphones	EN 61094-4	1995

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

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

3) EN 61094-1 includes corrigendum February 1993 to IEC 1094-1.



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