



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61606:1999

ICS 33.160 01

**AUDIO AND AUDIOVISUAL EQUIPMENT -
DIGITAL AUDIO PARTS BASIC METHODS
OF MEASUREMENT OF AUDIO
CHARACTERISTICS (IEC 61606:1997)**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel (01) 807 3800
Tel (01) 807 3838

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61606

April 1997

ICS 33.160.30

Descriptors: Video recording, sound recording, digital technics, recording apparatus, television systems, audiovisual materials, radio equipment, characteristics, measurements

English version

**Audio and audiovisual equipment - Digital audio parts
Basic methods of measurement of audio characteristics
(IEC 61606:1997)**

Equipements audio et audiovisuels
Parties audionumériques
Méthodes fondamentales pour la
mesure des caractéristiques audio
(CEI 61606:1997)

Audio- und Audiovisuelle-Geräte
Digitale Tonteile - Grundlegende
Meßverfahren der Audio-Eigenschaften
(IEC 61606:1997)

This European Standard was approved by CENELEC on 1997-03-11. 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 100/16/FDIS, future edition 1 of IEC 61606, 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 61606 on 1997-03-11.

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) 1997-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1997-12-01

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 and B are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61606:1997 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 38 (mod)	1983	IEC standard voltages ¹⁾	HD 472 S1	1989
IEC 107-5	1992	Recommended methods of measurement on receivers for television broadcast transmissions Part 5: Electrical measurements on multichannel sound television receivers using the NICAM two-channel digital sound-system	EN 60107-5	1992
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 268-15	1987	Part 15: Preferred matching values for the interconnection of sound system components	HD 483.15 S4 ⁵⁾	1992
IEC 651	1979	Sound level meters	EN 60651	1994
IEC 958	1989	Digital audio interface	EN 60958	1990

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

Page 4
EN 61606:1997

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 1079-4	1993	Methods of measurements on receivers for satellite broadcast transmissions in the 12 GHz band Part 4: Electrical measurements on sound/data decoder units for the Digital Sub-carrier/NTSC system	-	-
IEC 1079-5	1993	Part 5: Electrical measurements on decoder units for MAC/Packet systems	EN 61079-5	1993
ISO 266	1975	Acoustics - Preferred frequencies for measurements	-	-

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