



SLOVENSKI STANDARD

SIST EN 61305-3:1999

01-april-1999

Household high-fidelity audio equipment and systems - Methods of measuring and specifying the performance -- Part 3: Amplifiers (IEC 61305-3:1995)

Household high-fidelity audio equipment and systems - Methods of measuring and specifying the performance -- Part 3: Amplifiers

Hifi-Geräte und -Anlagen für den Heimgebrauch - Verfahren zur Messung und Angabe der Leistungskennwerte -- Teil 3: Verstärker

Equipements et systèmes audio grand public haute fidélité - Méthodes pour mesurer et spécifier les performances -- Partie 3: Amplificateurs

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Ta slovenski standard je istoveten z: EN 61305-3:1995

ICS:

33.160.10	Ojačevalniki	Amplifiers
33.160.30	Avdio sistemi	Audio systems

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en

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ICS 33.160.10

Descriptors: Electroacoustic equipment, high fidelity systems, audio amplifiers, characteristics, measurements, testing conditions

English version

**Household high-fidelity audio equipment and systems
Methods of measuring and specifying the performance
Part 3: Amplifiers
(IEC 1305-3:1995)**

Equipements et systèmes audio grand public haute fidélité
Méthodes pour mesurer et spécifier les performances
Partie 3: Amplificateurs
(CEI 1305-3:1995)

Hifi-Geräte und -Anlagen für den Heimgebrauch
Verfahren zur Messung und Angabe der Leistungskennwerte
Teil 3: Verstärker
(IEC 1305-3:1995)

This European Standard was approved by CENELEC on 1995-07-04. 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 84/397/DIS, future edition 1 of IEC 1305-3, 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 61305-3 on 1995-07-04.

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) 1996-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-04-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 1305-3:1995 was approved by CENELEC as a European Standard without any modification.

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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 ¹⁾	1989
IEC 268-3 + A1	1988 1990	Part 3: Amplifiers	HD 483.3 S2 ²⁾	1992
IEC 268-15	1995 ³⁾	Part 15: Preferred matching values for the interconnection of sound system components	-	-
IEC 958	1989	Digital audio interface	EN 60958	1990
IEC 1305-1	1995	Household high-fidelity audio equipment and systems Methods of measuring and specifying the performance - Part 1: General	EN 61305-1	1995

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

2) HD 483.3 S2 also includes A2:1991 to IEC 268-3.

3) IEC 268-15:1987 + A1:1989 + A2:1990 + A3:1991 is harmonized as HD 483.15 S4:1992.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
1305-3

Première édition
First edition
1995-05

Equipements et systèmes audio grand public
haute fidélité – Méthodes pour mesurer et
spécifier les performances –

Partie 3:
Amplificateurs

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Household high-fidelity audio equipment
and systems – Methods of measuring and
specifying the performance –

Part 3:
Amplifiers

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International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOUSEHOLD HIGH-FIDELITY AUDIO EQUIPMENT
AND SYSTEMS – METHODS OF MEASURING AND
SPECIFYING THE PERFORMANCE –**

Part 3: Amplifiers

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

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International Standard IEC 1305-3 has been prepared by IEC technical committee 84: Equipment and systems in the field of audio, video and audiovisual engineering.

The text of this standard is based on the following documents:

DIS	Report on voting
84/397/DIS	84/415/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

IEC 1305 consists of the following parts, under the general title *Household high-fidelity audio equipment and systems – Methods of measuring and specifying the performance*:

- Part 1: General
- Part 2: FM radio tuners
- Part 3: Amplifiers

HOUSEHOLD HIGH-FIDELITY AUDIO EQUIPMENT AND SYSTEMS – METHODS OF MEASURING AND SPECIFYING THE PERFORMANCE –

Part 3: Amplifiers

1 General

1.1 Scope

This part of IEC 1305 applies to household high-fidelity audio amplifiers of all types. It also applies, except where stated, to equipment having multiple functions, including audio amplifying functions. It is intended to be read in conjunction with IEC 1305-1*.

1.2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 1305. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 1305 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 268-1: 1985, *Sound system equipment – Part 1: General*

<https://standards.iteh.ai/catalog/standards/sist/fa9e0c7c-119c-4d74-b9afb237cfd68d0d/sist-en-61305-3-1999>

IEC 268-3: 1988, *Sound system equipment – Part 3: Amplifiers*
Amendment No. 1 (1990)

IEC 268-15: 1995, *Sound system equipment – Part 15: Preferred matching values for the interconnection of sound system components* (being printed)

IEC 958: 1989, *Digital audio interface*

IEC 1305-1: *Household high-fidelity audio equipment and systems – Method of measuring and specifying the performance – Part 1: General**

2 Conditions for measurements

2.1 Electrical conditions

The electrical conditions shall be those specified in IEC 268-3, clauses 3, 5 and 8 to 12. Source e.m.f. values and impedances shall be taken from IEC 268-15 for analogue inputs and IEC 958 for digital inputs, unless otherwise specified by the manufacturer.

* At present at the stage of Draft International Standard.