



SLOVENSKI STANDARD

SIST EN 61305-1:1999

01-april-1999

Household high-fidelity audio equipment and systems - Methods of measuring and specifying the performance -- Part 1: General (IEC 61305-1:1995)

Household high-fidelity audio equipment and systems - Methods of measuring and specifying the performance -- Part 1: General

Hifi-Geräte und -Anlagen für den Heimgebrauch - Verfahren zur Messung und Angabe der Leistungskennwerte -- Teil 1: Allgemeines

Equipements et systèmes audio grand public haute fidélité - Méthodes pour mesurer et spécifier les performances -- Partie 1: Généralités

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Ta slovenski standard je istoveten z: EN 61305-1:1995

ICS:

33.160.30 Avdio sistemi Audio systems

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ICS 33.160.00

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

English version

**Household high-fidelity audio equipment and systems
Methods of measuring and specifying the performance
Part 1: General
(IEC 1305-1:1995)**

Equipements et systèmes audio
grand public haute fidélité
Methodes pour mesurer et spécifier
les performances
Partie 1: Généralités
(CEI 1305-1:1995)

Hifi-Geräte und -Anlagen für den
Heimgebrauch
Verfahren zur Messung und Angabe
der Leistungskennwerte
Teil 1: Allgemeines
(IEC 1305-1:1995)

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 84/396/DIS, future edition 1 of IEC 1305-1, 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 61305-1 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
- latest date by which the national standards conflicting with the EN have to be withdrawn

(dop) 1996-04-01

(dow) 1996-04-01

Endorsement notice

The text of the International Standard IEC 1305-1:1995 was approved by CENELEC as a European Standard without any modification.

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

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Partie 1:
Généralités

<https://standards.iteh.ai/en/standard/IEC-1305-1-1995>
SIST EN 61305-1:1999
Household high-fidelity audio equipment
and systems –
Methods of measuring and specifying
the performance –

Part 1:
General

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 1: General

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.

International Standard IEC 1305-1 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
84/396/DIS	84/414/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 1: General

1 Scope

This part of IEC 1305 applies exclusively to household high fidelity audio equipment and systems, and specifies general assumptions to be used to determine the characteristics of the equipment or system for specification purposes. Where possible, the methods of measurement are specified by reference to other IEC standards.

2 Conditions for measurement

2.1 The electrical conditions for measurement shall be those specified in the standard in which the method of measurement is described.

2.2 The climatic conditions for measurement shall be within the following ranges.

Ambient temperature: 15 °C to 35 °C

Relative humidity: 45 % to 75 %

Atmospheric pressure: 86 kPa to 106 kPa

NOTE – For further information on climatic conditions in general, see IEC 68-1, IEC 721 and IEC Guide 106 (annex A).

3 Published specifications

A comprehensive specification shall be available to prospective users before purchase of the equipment. It shall contain all the information specified in clause 4 of each relevant part of this standard. Abbreviated specifications may be published in addition to the comprehensive specification.

The published values of all the characteristics mentioned in the parts of this standard shall be measured by the methods specified in these parts.

4 Modes of operation

If a piece of equipment or a system has more than one mode of operation, the comprehensive specification shall include relevant information on the characteristics of the equipment in all modes.

Annex A
(informative)

Bibliography

IEC 68-1: 1988, *Environmental testing – Part 1: General and guidance*

IEC 721: *Classification of environmental conditions*

IEC Guide 106: 1989, *Guide for specifying environmental conditions for equipment performance rating*

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