



# SLOVENSKI STANDARD

## SIST EN 62458:2011

01-julij-2011

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**Oprema zvokovnega sistema - Elektroakustični pretvorniki - Meritve parametrov velikih signalov (IEC 62458:2010)**

Sound system equipment - Electroacoustic transducers - Measurement of large signal parameters (IEC 62458:2010)

Elektroakustische Geräte - Elektroakustische Wandler - Messung von Großsignal-Parametern (IEC 62458:2010)

Equipements pour systèmes électroacoustiques - Transducteurs électroacoustiques - Mesure des paramètres en grand signal (CEI 62458:2010)

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**Ta slovenski standard je istoveten z: EN 62458:2011**

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**ICS:**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 62458**

March 2011

ICS 33.160.50

English version

**Sound system equipment -  
Electroacoustic transducers -  
Measurement of large signal parameters  
(IEC 62458:2010)**

Equipements pour systèmes  
électroacoustiques -  
Transducteurs électroacoustiques -  
Mesure des paramètres en grand signal  
(CEI 62458:2010)

Elektroakustische Geräte -  
Elektroakustische Wandler -  
Messung von Großsignal-Parametern  
(IEC 62458:2010)

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This European Standard was approved by CENELEC on 2011-01-02. 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, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 100/1624/FDIS, future edition 1 of IEC 62458, 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 62458 on 2011-01-02.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) 2011-10-02
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2014-01-02

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62458:2010 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

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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 60268-1	-	Sound system equipment - Part 1: General	HD 483.1 S2	-
IEC 60268-5 A1	2003 2007	Sound system equipment - Part 5: Loudspeakers	EN 60268-5 A1	2003 2009

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IEC 62458

Edition 1.0 2010-01

# INTERNATIONAL STANDARD



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**Sound system equipment – Electroacoustical transducers – Measurement of large signal parameters** **(standards.iteh.ai)**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**SOUND SYSTEM EQUIPMENT –  
ELECTROACOUSTICAL TRANSDUCERS –  
MEASUREMENT OF LARGE SIGNAL PARAMETERS**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). 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. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 62458 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

This first edition cancels and replaces IEC/PAS 62458 published in 2006. It constitutes a technical revision. The main changes are listed below:

- descriptions of the methods of measurement are adjusted to the state of the technology;
- addition of Clauses 4 to 15;
- integration of Annex A in the main body of the standard;
- overall textual review.

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

FDIS	Report on voting
100/1624/FDIS	100/1647/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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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