
Elektroakustika - Sistemi z avdiofrekvenčno indukcijsko zanko za slušne pripomočke - 1. del: Metode za merjenje in specificiranje lastnosti sistemskih komponent (IEC 62489-1:2010)

Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 1: Methods of measuring and specifying the performance of system components (IEC 62489-1:2010)

Akustik - Audiofrequenz-Induktionsschleifenanlagen zur Unterstützung von Hörsystemen - Teil 1: Verfahren zur Messung und Angabe des Betriebsverhaltens der Systemkomponenten (IEC 62489-1:2010)

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Electroacoustique - Systèmes de boucles d'induction audiofréquences pour améliorer l'audition - Partie 1: Méthodes de mesure et de spécification des performances des composants de systèmes (CEI 62489-1:2010)

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NORME EUROPÉENNE
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EN 62489-1

April 2010

ICS 17.140.50

English version

**Electroacoustics -
Audio-frequency induction loop systems for assisted hearing -
Part 1: Methods of measuring and specifying the performance of system
components
(IEC 62489-1:2010)**

Electroacoustique -
Systèmes de boucles d'induction
audiofréquences pour améliorer l'audition -
Partie 1: Méthodes de mesure
et de spécification des performances
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Akustik – Audiofrequenz-
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zur Unterstützung von Hörsystemen –
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CENELEC

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

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Foreword

The text of document 29/667/CDV, future edition 1 of IEC 62489-1, prepared by IEC TC 29, Electroacoustics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62489-1 on 2010-04-01.

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) 2011-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2013-04-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62489-1:2010 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standards indicated:

- SIST EN 62489-1:2010
- [1] IEC 60065 <https://standards.iteh.ai/catalog/standards/sist/3001d318-aa6c-481d-808e-0d52f57d5cfe/sist-en-62489-1-2010> NOTE Harmonized as EN 60065
-

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 60118-4	2006	Electroacoustics - Hearing aids - Part 4: Induction loop systems for hearing aid purposes - Magnetic field strength	EN 60118-4	2006
IEC 60268-1	1985	Sound system equipment - Part 1: General	HD 483.1 S2 ¹⁾	1989
IEC 60268-2	-	Sound system equipment - Part 2: Explanation of general terms and calculation methods	HD 483.2 S2 ²⁾	-
IEC 60268-3	2000	Sound system equipment - Part 3: Amplifiers	EN 60268-3 + corr. January	2000 2002
IEC 60268-4	2004	Sound system equipment - Part 4: Microphones	EN 60268-4	2004
IEC 61938	-	Audio, video and audiovisual systems - Interconnections and matching values - Preferred matching values of analogue signals	EN 61938	-
ISO/IEC Guide 98-3	-	Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)	-	-

¹⁾ HD 483.1 S2 includes A1 to IEC 60268-1.

²⁾ HD 483.2 S2 includes A1 to IEC 60268-2.

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**Electroacoustics – Audio-frequency induction loop systems for assisted hearing –
Part 1: Methods of measuring and specifying the performance of system components**

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Partie 1: Méthodes de mesure et de spécification des performances des composants de systèmes**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTROACOUSTICS –
AUDIO-FREQUENCY INDUCTION LOOP
SYSTEMS FOR ASSISTED HEARING –**

**Part 1: Methods of measuring and specifying
the performance of system components**

FOREWORD

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International Standard IEC 62489-1 has been prepared by IEC technical committee 29: Electroacoustics.

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

CDV	Report on voting
29/667/CDV	29/668/RVC

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.

This part is to be used in conjunction with IEC 60118-4:2006, *Electroacoustics – Hearing aids – Part 4: Induction loop systems for hearing aid purposes – Magnetic field strength*.

A list of all the parts in the IEC 62489 series, under the general title *Electroacoustics – Audio-frequency induction loop systems for assisted hearing*, can be found on the IEC website.

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.

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