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**Hearing aids - Part 6: Characteristics of electrical input circuits for hearing aids  
 (IEC 60118-6:1999)**

Hearing aids -- Part 6: Characteristics of electrical input circuits for hearing aids

Hörgeräte -- Teil 6: Eigenschaften elektrischer Eingänge von Hörgeräten

Appareils de correction auditive -- Partie 6: Caractéristiques des circuits d'entrée  
 électriques des appareils de correction auditive

**Ta slovenski standard je istoveten z: EN 60118-6:1999**  
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**ICS:**

11.180.15      Ú!ā [ { [ \āāā]~ @Ā•^à^Ā Aids for deaf and hearing  
 [•^à^ĀĀ\çæ[Ā]~ @e      impaired people

**SIST EN 60118-6:2002**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

# EN 60118-6

August 1999

ICS 17.140.50

Supersedes EN 60118-6:1998

English version

**Hearing aids**  
**Part 6: Characteristics of electrical input circuits for hearing aids**  
**(IEC 60118-6:1999)**

Appareils de correction auditive  
Partie 6: Caractéristiques des circuits  
d'entrée électriques des appareils de  
correction auditive  
(CEI 60118-6:1999)

Hörgeräte  
Teil 6: Eigenschaften elektrischer  
Eingänge von Hörgeräten  
(IEC 60118-6:1999)

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This European Standard was approved by CENELEC on 1999-08-01. 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, Czech Republic, 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 29/430/FDIS, future amendment to IEC 60118-6, prepared by IEC TC 29, Electroacoustics, was submitted to the IEC-CENELEC parallel vote.

The text of this document, together with that of IEC 60118-6:1984 was approved by CENELEC as EN 60118-6 on 1999-08-01.

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) 2000-05-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2002-08-01

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.

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### iTeh STANDARD PREVIEW

Endorsement notice

The text of the International Standard IEC 60118-6:1999 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 60065 (mod)	1998	Audio, video and similar electronic apparatus - Safety requirements	EN 60065 + corr. June	1998 1999
IEC 60118-0	1983	Hearing aids Part 0: Measurement of electroacoustical characteristics	EN 60118-0	1993
A1	1994		A1	1994
IEC 60118-12	1996	Part 12: Dimensions of electrical connector systems	EN 60118-12	1996

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# NORME INTERNATIONALE INTERNATIONAL STANDARD

**CEI  
IEC**

**60118-6**

Deuxième édition  
Second edition  
1999-06

## Appareils de correction auditive –

### Partie 6:

### Caractéristiques des circuits d'entrée électriques des appareils de correction auditive

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**Hearing aids –** (standards.iteh.ai)

### Part 6: [SIST EN 60118-6:2002](https://standards.iteh.ai/catalog/standards/sist/4a670e7a-aa2b-493e-9aff-e12c1365d3bc/sist-en-60118-6-2002)

<https://standards.iteh.ai/catalog/standards/sist/4a670e7a-aa2b-493e-9aff-e12c1365d3bc/sist-en-60118-6-2002>  
**Characteristics of electrical input circuits  
for hearing aids**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

**E**

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For price, see current catalogue

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## HEARING AIDS –

**Part 6: Characteristics of electrical input circuits  
for hearing aids**

## 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 co-operation 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.
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- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60118-6 has been prepared by IEC technical committee 29: Electroacoustics.

This second edition cancels and replaces the first edition published in 1984.

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

FDIS	Report on voting
29/430/FDIS	29/434/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.



## INTRODUCTION

A personal hearing aid is a device which amplifies sound and is normally worn by a person whose hearing is impaired. The usual inputs to such an aid are acoustic through the microphone, or electro-magnetic through the induction pick-up coil.

However, there is a need, for example for educational purposes, for an electrical connection between the hearing aid and the electrical output of a signal source, such as a radio FM system, tape recorder, infra-red system or external microphone. The required characteristics for such an input are given in this International Standard.

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