

Hearing aids —

Part 2: Methods for measurement of electroacoustical characteristics of hearing aids with automatic gain control circuits

The European Standard EN 60118-2:1995 with the inclusion of
amendment A2:1997 has the status of a British Standard

ICS 17.140.50

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee EPL/29, Electroacoustics, upon which the following bodies were represented:

- British Association of Otolaryngologists
- British Hearing Aid Industry Association
- British Medical Association
- British Society of Audiology
- British Telecommunications plc
- Confederation of British Industry
- Department of Health
- Department of Trade and Industry (National Physical Laboratory)
- Health and Safety Executive
- Institute of Acoustics
- Institute of Sound and Vibration Research
- Institution of Electrical Engineers
- Medical Research Council
- Ministry of Defence
- Royal Aeronautical Society
- Royal National Institute for Deaf people
- Society of Environmental Engineers
- University of Exeter

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 September 1996

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The following BSI references relate to the work on this standard:
Committee reference EPL/29
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Amendments issued since publication

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National foreword

This British Standard has been prepared by Technical Committee EPL/29 and is the English language version of EN 60118-2:1996 *Hearing aids Part 2: Hearing aids with automatic gain control circuits*, including amendment A2:1997 published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 118-2, second edition 1983, together with its Amendments 1:1993 and 2:1997, and supersedes BS 6083-2:1984, which is withdrawn.

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the change over from one numbering system to the other, publications may contain identifiers from both systems.

Cross-references

Publication referred to	Corresponding British Standard
EN 60118-0:1993 (IEC 118-0:1983)	BS EN 60118 <i>Hearing aids</i> BS EN 60118-0:1993 <i>Measurement of electroacoustical characteristics</i> BS 6083 <i>Hearing aids</i>
HD 450.1 S1:1984 ^a (IEC 118-1:1983)	Part 1:1984 <i>Method for measurement of characteristics of hearing aids with induction pick-up coil input</i>
HD 450.6 S1:1986 (IEC 118-6:1984)	Part 6:1985 <i>Specification for characteristics of electrical input circuits for hearing aids</i>
IEC 263:1982	BS 6397:1983 <i>Specification for scales and sizes for plotting frequency characteristics and polar diagrams</i>
IEC 268-8:1973	BS 6840 <i>Sound system equipment</i> Part 8:1988 <i>Methods for specifying and measuring the characteristics of automatic gain control devices</i>

^a Superseded by EN 60118-1:1995 (IEC 118-1:1995), for which the corresponding British Standard is BS EN 60118-1:1995.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 18, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

English version

Hearing aids Part 2: Hearing aids with automatic gain control circuits

(includes amendment A2:1997)
(IEC 118-2:1983 + A1:1993 + A2:1997)

Appareils de correction auditive
Partie 2: Appareils de correction auditive
comportant des commandes automatiques de
gain (inclut l'amendement A2:1997)
(CEI 118-2:1983 + A1:1993 + A2:1997)

Hörgeräte
Teil 2: Hörgeräte mit automatischer
Verstärkungsregelung
(Enthält Änderung A2:1997)
(IEC 118-2:1983 + A1:1993 + A2:1997)

This European Standard was approved by CENELEC on 1994-03-08; amendment A2 was approved by CENELEC on 1997-07-01. 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, 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 the International Standard IEC 118-2:1983, prepared by IEC TC 29, Electroacoustics, was approved by CENELEC as HD 450.2 S1 on 1984-09-11.

This Harmonization Document was submitted to the formal vote for conversion into a European Standard and was approved by CENELEC as EN 60118-2 on 1994-03-08.

The text of amendment 1:1993 to the International Standard IEC 118-2:1983 was submitted to the formal vote and was approved by CENELEC as amendment A1 to EN 60118-2 on 1994-03-08 without any modification.

Having first withheld the publication of EN 60118-2 and its A1, the Technical Board of CENELEC has allowed on 1995-09-20 the circulation of the definitive version of EN 60118-2 with incorporation of its amendment A1.

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) 1996-07-01
- latest date by which the national standards conflicting with the European Standard have to be withdrawn (dow) 1996-07-01

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.

Foreword to amendment A2

The text of document 29/350/FDIS, future amendment 2 to IEC 60118-2:1983, prepared by IEC TC 29, Electroacoustics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60118-2:1995 on 1997-07-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1998-04-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1998-04-01

Annexes designated “normative” are part of the body of the standard. Annexes designated “informative” are given for information only. In this standard, Annex ZA is normative and Annex B and Annex C are informative. Annex ZA has been added by CENELEC.

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