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STN	**Elektroakustika. Simulátory ľudskej hlavy a ucha. Časť 3: Akustický väzbový člen na kalibráciu sluchových protéz používaný v audiometrii.**	**STN EN 60318-3** 36 8820

Electroacoustics - Simulators of human head and ear - Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/15

Obsahuje: EN 60318-3:2015, IEC 60318-3:2014

Oznámením tejto normy sa od 15.01.2018 ruší
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NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60318-3

February 2015

ICS 17.140.50

Supersedes EN 60318-3:1998

English Version

Electroacoustics - Simulators of human head and ear - Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry (IEC 60318-3:2014)

Électroacoustique - Simulateurs de tête et d'oreille humaines - Partie 3: Coupleur acoustique pour l'étalonnage des écouteurs supra-auraux utilisés en audiométrie (IEC 60318-3:2014)

Akustik - Simulatoren des menschlichen Kopfes und Ohres - Teil 3: Akustischer Kuppler zur Kalibrierung von supra-auralen Audiometrie-Kopfhörern (IEC 60318-3:2014)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN 60318-3:2015 E

Foreword

The text of document 29/796/CDV, future edition 2 of IEC 60318-3, prepared by IEC TC 29, Electroacoustics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60318-3:2015.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2015-10-15
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2018-01-15

This document supersedes EN 60318-3:1998.

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Endorsement notice

The text of the International Standard IEC 60318-3:2014 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 standard indicated :

IEC 61094-4	NOTE	Harmonised as EN 61094-4.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 61094-1	-	Measurement microphones - Part 1: Specifications for laboratory standard microphones	EN 61094-1	-
ISO/IEC Guide 98-3	-	Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)	-	-

IEC 60318-3

Edition 2.0 2014-12

INTERNATIONAL STANDARD

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IEC 60318-3:2014-12(en-fr)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTROACOUSTICS – SIMULATORS OF HUMAN HEAD AND EAR –

Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry

FOREWORD

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International Standard IEC 60318-3 has been prepared by IEC technical committee 29: Electroacoustics.

This second edition cancels and replaces the first edition published in 1998 and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) adjustment of terms and wording to the other parts of IEC 60318,
b) introduction of maximum permitted uncertainties,
c) revised requirements for static pressure equalization.

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

CDV	Report on voting
29/796/CDV	29/811A/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.

A list of all the parts in the IEC 60318 series, published under the general title *Electroacoustics – Simulators of human head and ear* can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability 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.

ELECTROACOUSTICS – SIMULATORS OF HUMAN HEAD AND EAR –

Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry

1 Scope

This part of IEC 60318 specifies an acoustic coupler for the measurement of supra-aural audiometric earphones in the frequency range from 125 Hz to 8 000 Hz.

The sound pressure developed by an earphone is not, in general, the same in the coupler as in a person's ear. However, the acoustic coupler can be used as an objective and reproducible means of measuring the output of supra-aural earphones. It can be used for specifying reference equivalent threshold sound pressure levels (RETSPL) for the calibration of audiometers.

2 Normative references

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

IEC 61094-1, *Measurement microphones – Part 1: Specifications for laboratory standard microphones*

ISO/IEC Guide 98-3, *Uncertainty of measurement – Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)*