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Acoustics - Reference zero for the calibration of audiometric equipment - Part 4:
Reference levels for narrow-band masking noise (ISO 389-4:1994)

Akustik - Standard-Bezugspegel für die Kalibrierung audiometrischer Geräte - Teil 4:
Bezugspegel für schmalbandige Verdeckungsgeräusche (ISO 389-4:1994)

Acoustique - Zéro de référence pour l'étalonnage d'équipements audiométriques - Partie
4: Niveaux de référence pour bruit de masque en bande étroite (ISO 389-4:1994)

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Ta slovenski standard je istoveten z: EN ISO 389-4:1998

ICS:

13.140	Vpliv hrupa na ljudi	Noise with respect to human beings
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SIST EN ISO 389-4:1999**en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 389-4

December 1998

ICS 13.140.00

Supersedes EN 28798:1991

Descriptors: see ISO document

English version

Acoustics - Reference zero for the calibration of audiometric equipment - Part 4: Reference levels for narrow-band masking noise (ISO 389-4:1994)

Acoustique - Zéro de référence pour l'étalonnage d'équipements audiométriques - Partie 4: Niveaux de référence pour bruit de masque en bande étroite (ISO 389-4:1994)

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This European Standard was approved by CEN on 4 December 1998.

CEN 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 CEN 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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

[SIST EN ISO 389-4:1999](https://standards.iteh.ai/catalog/standards/sist/79323995-caa6-4068-b1c6-389-4-1999)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 389-4:1998

Foreword

The text of the International Standard from Technical Committee ISO/TC 43 "Acoustics" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 211 "Acoustics", the secretariat of which is held by DS.

This European Standard replaces EN 28798:1991.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 1999, and conflicting national standards shall be withdrawn at the latest by June 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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Endorsement notice

The text of the International Standard ISO 389-4:1994 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

ANNEVOLE ANNOTER
ONCOWNET MI TOWANE AS COTENALIM
opukonom ni etoniditidit in ST. RAN
ANACIOLU..

ENTWICKELT NACH DEM EN 28798:1991



Annex ZA (normative)**Normative references to international publications
with their relevant 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 389	1991	Acoustics - Standard reference zero for the calibration of pure-tone air conduction audiometers	EN ISO 389	1995
ISO 389-2	1994	Acoustics - Reference zero for the calibration of audiometric equipment - Part 2: Reference equivalent threshold sound pressure levels for pure tones and insert earphones	EN ISO 389-2	1996

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INTERNATIONAL STANDARD

ISO
389-4

First edition
1994-10-01

Acoustics — Reference zero for the calibration of audiometric equipment —

Part 4:

Reference levels for narrow-band masking
noise

<https://standards.iteh.ai/catalog/standards/sist/79323995-caa6-4068-b1e6-e3a76177bc8/sist-en-iso-389-4-1999>
*Acoustique — Zéro de référence pour l'étalonnage d'équipements
audiométriques —*

Partie 4: Niveaux de référence pour bruit de masque en bande étroite



Reference number
ISO 389-4:1994(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 389-4 was prepared by Technical Committee ISO/TC 43, *Acoustics*.

This first edition of ISO 389-4 cancels and replaces ISO 8798:1987, of which it constitutes a minor revision.

ISO 389 consists of the following parts, under the general title *Acoustics* — *Reference zero for the calibration of audiometric equipment*:

- *Part 1: Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones*
- *Part 2: Reference equivalent threshold sound pressure levels for pure tones and insert earphones*
- *Part 3: Reference equivalent threshold force levels for pure tones and bone vibrators*
- *Part 4: Reference levels for narrow-band masking noise*
- *Part 5: Reference equivalent threshold sound pressure levels for pure tones in the frequency range 8 kHz to 16 kHz*
- *Part 6: Reference equivalent threshold sound pressure levels for acoustic test signals of short duration*

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International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

— *Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions*

Part 1 will be a re-issue of ISO 389:1991.

Annexes A and B of this part of ISO 389 are for information only.

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