



# SLOVENSKI STANDARD SIST EN ISO 389-9:2009

01-september-2009

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5\_i gh\_U! FYZfYb bUbj `UnUi a Yf Ub^Uj X]ca Yfcj '!- "XY. DfYZfYb b]dfYg\_i g  
nUXc`c Ub^fUj b]dfUj Ug`j]bcgh] fGC" , -!- .&\$- Ł

Acoustics - Reference zero for the calibration of audiometric equipment - Part 9:  
Preferred test conditions for the determination of reference hearing threshold levels (ISO  
389-9:2009)

Akustik - Standard-Bezugspegel für die Kalibrierung audiometrischer Geräte - Teil 9:  
Vorzugs-Messbedingungen zur Bestimmung von Bezugs-Hörschwellenpegeln (ISO 389-  
9:2009)

Acoustique - Zéro de référence pour l'étalonnage d'équipements audiométriques - Partie  
9: Conditions d'essai préférées pour la détermination des niveaux liminaires de référence  
(ISO 389-9:2009)

**Ta slovenski standard je istoveten z: EN ISO 389-9:2009**

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**ICS:**

13.140	Vpliv hrupa na ljudi	Noise with respect to human beings
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**SIST EN ISO 389-9:2009**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 389-9**

May 2009

ICS 13.140

English Version

**Acoustics - Reference zero for the calibration of audiometric equipment - Part 9: Preferred test conditions for the determination of reference hearing threshold levels (ISO 389-9:2009)**

Acoustique - Zéro de référence pour l'étalonnage d'équipements audiométriques - Partie 9: Conditions d'essai préconisées pour la détermination des niveaux liminaires d'audition de référence (ISO 389-9:2009)

Akustik - Standard-Bezugspegel für die Kalibrierung audiometrischer Geräte - Teil 9: Vorzugs-Messbedingungen zur Bestimmung von Bezugs-Hörschwellenpegeln (ISO 389-9:2009)

This European Standard was approved by CEN on 30 April 2009.

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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 CEN Management Centre has the same status as the official versions.

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## Foreword

This document (EN ISO 389-9:2009) has been prepared by Technical Committee ISO/TC 43 "Acoustics" in collaboration with Technical Committee CEN/TC 211 "Acoustics", the secretariat of which is held by DS.

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 November 2009, and conflicting national standards shall be withdrawn at the latest by November 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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

### Endorsement notice

The text of ISO 389-9:2009 has been approved by CEN as a EN ISO 389-9:2009 without any modification.

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# INTERNATIONAL STANDARD

**ISO**  
**389-9**

First edition  
2009-05-15

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## Acoustics — Reference zero for the calibration of audiometric equipment —

Part 9:

### Preferred test conditions for the determination of reference hearing threshold levels

iTeh STANDARD PREVIEW

(standards.iteh.ai)  
*Acoustique — Zéro de référence pour l'étalonnage d'équipements  
audiométriques —*

*Partie 9: Conditions d'essai préconisées pour la détermination des  
niveaux liminaires d'audition de référence*

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Reference number  
ISO 389-9:2009(E)

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## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 389-9 was prepared by Technical Committee ISO/TC 43, *Acoustics*.

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 threshold of hearing for test signals of short duration*
- *Part 7: Reference threshold of hearing under free-field and diffuse-field listening conditions*
- *Part 8: Reference equivalent threshold sound pressure levels for pure tones and circumaural earphones*
- *Part 9: Preferred test conditions for the determination of reference hearing threshold levels*