

ISO
389-7

INTERNATIONAL
STANDARD

Second edition
2005-11-01

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

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

*Acoustique — Zéro de référence pour l'étalonnage d'équipements
audiométriques —*

*Partie 7: Niveau liminaire de référence dans des conditions d'écoute en
champ libre et en champ diffus*



Reference number
ISO 389-7:2005(E)

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Published in Switzerland

Foreword

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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 389-7 was prepared by Technical Committee ISO/TC 43, Acoustics.

This second edition cancels and replaces the first edition (ISO 389-7:1996), which has been technically revised.

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 hearing threshold levels 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