

Acoustics — Loudness scaling by means of categories

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National foreword

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A list of organizations represented on EH/1/1 can be obtained on request to its secretary.

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Foreword

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ISO 16832 was prepared by Technical Committee ISO/TC 43, *Acoustics*.

Introduction

The assessment of loudness function based on category loudness scaling is used when the evaluation of hearing is not only necessary at the boundaries of the auditory sensation area (threshold of hearing, uncomfortable level), but for a knowledge over the entire individual auditory sensation area.

Important fields of use are diagnostic evaluations, especially the evaluation of recruitment and fitting of hearing instruments.

Since the results of loudness scaling can markedly depend on the exact procedure used, this International Standard sets the conditions for reliable measurement methods.