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IEC 61672-1:2013

Australian/New Zealand Standard™

Electroacoustics—Sound level meters

Part 1: Specifications

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The following are represented on Committee AV-003:
Accident Compensation Corporation (New Zealand)
Association of Australasian Acoustical Consultants
Australian Acoustical Society
Australian Chamber of Commerce and Industry
Australian Council of Trade Unions
Australian Hearing
Engineers Australia
New Zealand Audiological Society
Worksafe Division, Department of Commerce, Western Australia

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee AV-003, Acoustics Human Effects, to supersede AS IEC 61672.1—2004, *Electroacoustics—Sound level meters, Part 1: Specifications*.

The objective of this Standard is to provide electroacoustical performance specifications for three kinds of sound measuring instruments:

(a) time-weighting sound level meters that measure exponential-time-weighted, frequency-weighted sound levels;

(b) integrating-averaging sound level meters that measure time-averaged, frequency-weighted sound levels; and

(c) integrating sound level meters that measure frequency-weighted sound exposure levels.

Sound level meters specified in this Standard are intended to measure sounds which are generally in the range of human hearing. Two performance categories, class 1 and class 2, are specified in this Standard.

This Standard is identical with, and has been reproduced from, IEC 61672-1:2013 (ED 2.0), *Electroacoustics — Sound level meters — Part 1: Specifications*.

As this document has been reproduced from an International Standard, a full point substitutes for a comma when referring to a decimal marker.

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The terms "normative" and "informative" are used in Standards to define the application of the appendices or annexes to which they apply. A "normative" appendix or annex is an integral part of a Standard, whereas an "informative" appendix or annex is only for information and guidance.

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