

AS/NZS IEC 61672.1:2019  
IEC 61672-1:2013

AS/NZS IEC 61672.1:2019

Australian/New Zealand Standard™

**Electroacoustics—Sound level meters**

**Part 1: Specifications**



## AS/NZS IEC 61672.1:2019

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee AV-003, Acoustics Human Effects. It was approved on behalf of the Council of Standards Australia on 29 January 2019 and by the New Zealand Standards Approval Board on 30 January 2019.

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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

This Standard was issued in draft form for comment as DR AS IEC 61672.1:2018.

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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*.

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