

AS IEC 61672.1—2004  
IEC 61672-1:2002

AS IEC 61672.1

Australian Standard™

**Electroacoustics—Sound level meters**  
**Part 1: Specifications**

This Australian Standard was prepared by Committee AV-002, Acoustics—Instrumentation and Measurement Techniques. It was approved on behalf of the Council of Standards Australia on 3 February 2004 and published on 7 April 2004.

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Australian Standard™

**Electroacoustics—Sound level meters**

**Part 1: Specifications**

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## PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee AV-002, Acoustics—Instrumentation and Measurement Techniques. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard, rather than an Australian/New Zealand Standard.

This Standard supersedes in part AS 1259.1—1990, *Sound level meters, Part 1: Non-integrating* and AS 1259.2—1990, *Acoustics—Sound level meters, Part 2: Integrating—Averaging*

This Standard is identical with and has been reproduced from IEC 61672.1, *Electroacoustics—Sound level meters, Part 1: Specifications*.

The objective of this Standard is to give electroacoustical performance specifications of sound level meters.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number does not appear on each page of text and its identity is shown only on the cover title page.
- (b) A full point substitutes for a comma when referring to a decimal marker.

This Standard provides for the use of the following Australian and Australian/New Zealand Standards as equivalent to particular International Standards reference herein:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
IEC		AS IEC	
60942	Electroacoustics—Sound calibrators	60942	Electroacoustics—Sound calibrators
61000	Electromagnetic compatibility (EMC)	61000	Electromagnetic compatibility (EMC)
61000-4-2	Part 4-2: Testing and measuring techniques—Electrostatic discharges immunity tests	61000.4.2	Part 4.2: Testing and measuring techniques—Electrostatic discharges immunity tests
61000-6-2	Part 6-2: Generic standards—Immunity for industrial equipment	61000.6.2	Part 6.2: Generic standards—Immunity for industrial equipment

Any International Standard not listed has not been adopted as an Australian Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the annex to which they apply. A ‘normative’ annex is an integral part of a Standard, whereas an ‘informative’ annex is only for information and guidance.

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