

Australian Standard™

Electroacoustics—Sound level meters

Part 2: Pattern evaluation tests

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 14 April 2004.

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Part 2: Pattern evaluation tests

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

The objective of this Standard is to provide details of the tests necessary to verify conformance to all mandatory specifications for sound levels 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.
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- (c) A full point substitutes for a comma when referring to a decimal marker.

This Standard is identical with and has been reproduced from IEC 61672.2:2003, *Electroacoustics—Sound level meters, Part 2: Pattern evaluation tests*.

This Standard provides for the use of the following Australian Standards as equivalent to particular International Standards referenced herein. Only international references that have been adopted as Australian Standards have been listed.

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
IEC		AS IEC	
60942	Electromagnetic—Sound calibrators	60942	Electromagnetic—Sound calibrators
61000	Electromagnetic compatibility (EMC)	61000	Electromagnetic compatibility (EMC)
61000-4-2	Part 4-2: Testing and measurement techniques—Electrostatic discharge immunity test	61000.4.2	Part 4.2: Testing and measurement techniques—Electrostatic discharge immunity test
61000-4-3	Part 4-3: Radiated, radio frequency, electromagnetic field immunity test	61000.4.3	Part 4.3: Radiated, radio frequency, electromagnetic field immunity test
61000-4-6	Part 4-6: Immunity to conducted disturbances induced by radio frequency fields	61000.4.6	Part 4.6: Immunity to conducted disturbances induced by radio frequency fields
61000-6-2	Part 6-2: Generic standards—Immunity for industrial equipment	61000.6.2	Part 6.2: Generic standards—Immunity for industrial equipment
61672	Electroacoustics—Sound level meters	61672	Electroacoustics—Sound level meters
61672-1	Part 1: Specifications	61672.1	Part 1: Specifications

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