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AS IEC 61672.1—2004
IEC 61672-1:2002

Australian Standard™

Electroacoustics—Sound level meters

Part 1: Specifications

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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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AirServices Australian

Association of Consulting Engineers Australia

Australian Acoustical Society

CSIRO Manufacturing & Infrastructure Technology

CSIRO National Measurement Laboratory

CSIRO Telecommunications and Industrial Physics

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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:

Reference to International Standard		*Australian Standard*	
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 Standards.

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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CONTENTS

1 Scope 1
2 Normative references 2
3 Terms and definitions 2
4 Reference environmental conditions 7
5 Performance specifications 7
5.1 General 7
5.2 Adjustments to indicated levels 10
5.3 Directional response 11
5.4 Frequency weightings 12
5.5 Level linearity 16
5.6 Self-generated noise 17
5.7 Time weightings F and S 17
5.8 Toneburst response 18
5.9 Response to repeated tonebursts 20
5.10 Overload indication 20
5.11 Under-range indication 21
5.12 Peak C sound level 21
5.13 Reset 22
5.14 Thresholds 22
5.15 Display 22
5.16 Analogue or digital output 23
5.17 Timing facilities 23
5.18 Radio frequency emissions and disturbances to a public power supply 23
5.19 Crosstalk 24
5.20 Power supply 24
6 Environmental, electrostatic, and radio frequency criteria 25
6.1 General 25
6.2 Static pressure 25
6.3 Air temperature 25
6.4 Humidity 26
6.5 Electrostatic discharge 26
6.6 AC power frequency and radio frequency fields 26
7 Provision for use with auxiliary devices 28
8 Marking 28
9 Instruction manual 29

Annex A (normative) Maximum expanded uncertainties of measurement 34
Annex B (informative) AU weighting 35
Annex C (informative) Specifications for time-weighting I (impulse) 36

Bibliography 39

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