This is a free page sample. Access the full version online.

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

STANDARDS Australia

STANDARDS® NEW ZEALAND
PAEREWA AOTEAROA

This is a free page sample. Access the full version online.

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.

This Standard was published on 25 February 2019.

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.

Keeping Standards up-to-date

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting:

www.standards.org.au

www.standards.govt.nz

ISBN 978 1 76072 370 5

This is a free page sample. Access the full version online.

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

Australian/New Zealand Standard™

Electroacoustics—Sound level meters

Part 1: Specifications

Originated as AS Z37—1967 and AS Z38—1967.
Previous edition AS 1259.1—1990 and AS 1259.2—1990.
AS 1259.1—1990 and AS 1259.2—1990 revised, amalgamated and redesignated in part as AS IEC 61672.1—2004.
Jointly revised and redesignated as AS/NZS IEC 61672.1:2019.

COPYRIGHT

© IEC 2019 — All rights reserved
© Standards Australia Limited/the Crown in right of New Zealand, administered by the New Zealand Standards Executive 2019

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Cth) or the Copyright Act 1994 (New Zealand).

This is a free page sample. Access the full version online.

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.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

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.

© Standards Australia Limited/Standards New Zealand 2019

This is a free page sample. Access the full version online.

NOTES

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation