

AS/NZS 2399:1998
IEC 1252:1993

Australian/New Zealand Standard™

**Acoustics—Specifications for
personal sound exposure meters**

[IEC title: Electroacoustics—Specifications for personal sound
exposure meters]

AS/NZS 2399:1998

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee AV/2, Acoustics, Instrumentation and Measurement Techniques. It was approved on behalf of the Council of Standards Australia on 16 January 1998 and on behalf of the Council of Standards New Zealand on 13 April 1998. It was published on 5 June 1998.

The following interests are represented on Committee AV/2:

Acoustics consulting interests, New Zealand
AirServices Australia
The Association of Consulting Engineers, Australia
Australian Acoustical Society
Australian and New Zealand Environment and Conservation Council
Australian Hearing Services
CSIRO - Division of Telecommunications and Industrial Physics
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personal sound exposure meters**

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STANDARDS AUSTRALIA
1 The Crescent,
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee AV/2, Acoustics, Instrumentation and Measurement Techniques, to supersede AS 2399—1980, *Personal noise dosemeters*.

The objective of this Standard is to provide manufacturers of personal sound exposure meters with manufacturing specifications.

This Standard is technically equivalent to and has been reproduced from IEC 1252:1993, *Electroacoustics—Specifications for personal sound exposure meters*.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

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<i>Reference to International Standard or other publication</i>		<i>Australian/New Zealand Standard</i>	
IEC		AS	
50	Advance edition of the International Electrotechnical Vocabulary	—	
50(801)	Chapter 801: Acoustics and electroacoustics	—	
651	Sound level meters	1259 1259.1	Acoustics—Sound level meters Part 1: Non-integrating
801	Electromagnetic compatibility for industrial-process measurement and control equipment	—	
801-2	Part 2: Electrostatic discharge requirements		
801-3	Part 3: Radiated electromagnetic field requirements	—	
804	Integrating-averaging sound level meters	1259.2	Part 2: Integrating—Averaging
942	Sound calibrators	—	

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ISO		AS	
266	Acoustics—Preferred frequencies for measurements	2533	Acoustics—Preferred frequencies for measurements
1683	Acoustics—Preferred reference quantities for acoustic levels	—	
1999	Acoustics—Determination of occupational noise exposure and estimation of noise-induced hearing impairment	—	
		AS/NZS	
9612	Acoustics—Guidelines for the measurement and assessment of exposure to noise in the working environment	1269 1269.1	Occupational noise management Part 1: Measurement and assessment of noise immission and exposure

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