

AS 1127.1—1989
IEC 268-1 (1985)

Australian Standard[®]

Sound system equipment

Part 1: General

This Australian Standard was prepared by Committee TE/8, Audio and Video Engineering and Recording. It was approved on behalf of the Council of Standards Australia on 1 November 1988 and published on 19 June 1989.

The following interests are represented on Committee TE/8:

Australian Broadcasting Corporation
Australian Electrical and Electronic Manufacturers Association
Confederation of Australian Industry
Consumer Electronics Suppliers Association
Department of Transport and Communications
Federation of Australian Commercial Television Stations
Federation of Australian Radio Broadcasters
Institution of Radio and Electronics Engineers, Australia
National Acoustics Laboratories
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Part 1: General

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PREFACE

This Standard was prepared by Standards Australia's Committee TE/8 on Audio and Video Engineering and Recording to supersede part of AS 1127.1—1973, *Sound system equipment, Part 1: General*. It is technically identical with, and has been reproduced from, IEC 268-1: Sound system equipment, Part 1: General.

The purpose of the Standard is to specify the performance of sound system equipment to compare different types of equipment and determine their proper application, by listing their physical characteristics and specifying, in separate documents, uniform methods of measurements to these characteristics.

For the purpose of this Australian Standard, the text of the IEC Publication used herein should be modified as follows:

- (a) *Terminology*. The words 'Australian Standard' should replace the words 'IEC Publication' wherever they appear.
- (b) *Cross-references*. The references to IEC Publications and ISO Standards should be replaced by reference to Australian Standards as follows:

| <i>Reference to International Standard</i> | | <i>Appropriate Australian Standard</i> | |
|--|---|--|---|
| IEC | | AS | |
| 27 | Letter symbols to be used in electronic technology | 1046 | Letter symbols for use in electrotechnology |
| 50 | International electrotechnical vocabulary (IEV) | 1852 | International electrotechnical vocabulary |
| 65 | Safety requirements for mains operated electronic and related apparatus for household and similar general use | 3250 | Approval and test specification—Mains operated electronic and related equipment for household and similar general use |
| 68 | Basic environmental testing procedures | 1099 | Basic environmental testing procedures for electrotechnology |
| 225 | Octave, half-octave and third-octave band filters intended for the analysis of sound and vibrations | Z41 | Octave, half-octave and one-third octave band pass filters intended for the analysis of sound and vibrations |
| 263 | Scales and sizes for plotting frequency characteristics and polar diagrams | — | |
| 268 | Sound system equipment | 1127 | Sound system equipment |
| 268-1 | Part 1: General | 1127.1 | Part 1: General |
| 268-2 | Part 2: Explanation of general terms | 1127.2 | Part 2: Explanation of general terms |
| 268-3 | Part 3: Sound system amplifiers | 1127.6 | Part 6: Amplifiers |
| 417 | Graphical symbols for use on equipment | 1104 | Informative symbols for use on electrical and electronic equipment |
| 617 | Graphical systems for diagrams | 1102 | Graphical symbols for electrotechnical documentation |
| 651 | Sound level meters | 1259 | Sound level meters |

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|-------|---|------|--|
| ISO | | AS | |
| 266 | Acoustics—Preferred frequencies for measurements | 2533 | Acoustics—Preferred frequencies of measurement |
| GGIR | | | |
| 468.2 | Measurement of audio frequency noise in sound broadcasting, in sound recording systems and on sound programme circuits (Second Edition) | — | |
| 468.3 | Measurement of audio frequency noise voltage level in sound broadcasting (Third Edition) | — | |

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