

**AS 1127.11—1994**

IEC 268-11:1987

IEC 268-11:1987/Amd.1:1989

IEC 268-11:1987/Amd.2:1991

Australian Standard<sup>®</sup>

---

**Sound system equipment**

**Part 11: Application of connectors  
for the interconnection of sound  
system components**

---

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 28 July 1994 and published on 14 November 1994.

---

The following interests are represented on Committee TE/8:

Australian Broadcasting Corporation  
Australian Chamber of Commerce and Industry  
Consumer Electronics Suppliers Association  
Department of Transport and Communication (Commonwealth)  
Federation of Australian Commercial Television Stations  
Federation of Australian Radio Broadcasters  
Institution of Radio and Electronics Engineers, Australia  
National Acoustic Laboratories  
Special Broadcasting Service

---

**Review of Australian Standards.** *To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.*

*Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.*

*Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.*

AS 1127.11—1994

Australian Standard<sup>®</sup>

---

**Sound system equipment**

**Part 11: Application of connectors  
for the interconnection of sound  
system components**

---

First published as AS 1127.11—1994.

PUBLISHED BY STANDARDS AUSTRALIA  
(STANDARDS ASSOCIATION OF AUSTRALIA)  
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 9199 4

## PREFACE

This Standard was prepared by the Standards Australia Committee TE/8 on Audio and Video Engineering and Recording. It is identical with and has been reproduced from IEC 268-11:1987, *Sound system equipment*, Part 11: *Application of connectors for the interconnection of sound system equipment*, including Amendment 1:1989 and Amendment 2:1991. The text affected by an amendment is marked in the source document by double marginal bars.

This Standard is one of a series which deals with sound system equipment. The series is arranged as follows:

## AS

1127	Sound system equipment
1127.1	Part 1 General
1127.2	Part 2 Explanation of general terms
1127.3	Part 3 Microphones
1127.4	Part 4 Dimensions of loudspeakers
1127.5	Part 5 Loudspeakers
1127.6	Part 6 Amplifiers
1127.8	Part 8 Analogue audio disc records and reproducing equipment
1127.11	Part 11 Application of connectors for the interconnection of sound system components
1127.12	Part 12 Application of connectors for broadcast and similar use
1127.15	Part 15 Preferred matching values for the interconnection of sound system components

Users of this Standard are advised by Standards Australia, under arrangements made with ISO and IEC, as well as certain other Standards organizations, that the number of this Standard is not reproduced on each page; its identity is shown only on the cover and title pages.

For the purposes of this Standard, the source text should be modified as follows:

- Terminology* The words 'this Australian Standard' should replace the words 'this International Standard' wherever they appear.
- References* The references to international Standards should be replaced by references, where appropriate, to the following Australian or Joint Australian/New Zealand Standards:

<i>Reference to International Standard or other publication</i>		<i>Australian or Joint Australian/New Zealand Standard</i>	
IEC		AS	
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
130	Connectors for frequencies below 3 MHz	—	
130-8	Part 8: Concentric connectors for audio circuits in radio receivers	—	
130-9	Part 9: Circular connectors for radio and associated sound equipment	—	
268	Sound system equipment	1127	Sound system equipment
268-12	Part 12: Application of connectors for broadcast and similar use	1127.12	Part 12: Application of connectors for broadcast and similar use
268-15	Part 15: Preferred matching values for the interconnection of sound system components	1127.15	Part 15: Preferred matching values for the interconnection of sound system components

# CONTENTS

Clause	<i>Page</i>
1. Scope . . . . .	1
2. Object . . . . .	1
3. General . . . . .	1
4. Application and contact designation . . . . .	1
 SECTION ONE - CIRCULAR CONNECTORS  	
5. Types of connectors and their application . . . . .	3
6. Mating . . . . .	6
7. Connecting data . . . . .	6
 SECTION TWO - CONCENTRIC CONNECTORS  	
8. Types of connectors and their application . . . . .	12
APPENDIX A - Example of multiple function of one socket connector on a tape recorder . . .	14
APPENDIX B - Diagrams showing the use of circular connectors in vehicles . . . . .	15

© Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

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](#)
-