

Australian Standard[®]

Hearing aids

**Part 12: Dimensions of electrical
connector systems**



This Australian Standard® was prepared by Committee AV-003, Acoustics—Human Effects. It was approved on behalf of the Council of Standards Australia on 3 November 2006. This Standard was published on 20 February 2007.

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 - Association of Australian Acoustical Consultants
 - Association of Consulting Engineers Australia
 - Audiological Society of Australia
 - Australasian Faculty of Occupational Medicine
 - Australian Acoustical Society
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 - The Australian Society of Otolaryngological Head and Neck Surgery
 - Victorian WorkCover Authority
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment period.

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STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 60118.12—2007

Hearing aids

Part 12: Dimensions of electrical connector systems

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NOTES

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee AV-003, Acoustics—Human Effects.

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.

The objective of this Standard is to specify dimensions and tolerances of plugs and connector systems of hearing aids to ensure interchangeability.

This Standard is identical with, and has been reproduced from IEC 60118-12, Ed. 1.0 (1996), *Hearing aids – Part 12: Dimensions of electrical connector systems*.

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 and title page.
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An informative annex is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Hearing aids—Part 12: Dimensions of electrical connector systems

1 Scope

This International Standard applies to plugs and connector systems for hearing aids and specifies the dimensions and their tolerances essential for ensuring interchangeability.

2 Overview of connector systems**Table 1 – Overview of connector systems**

System	Application	Dimensions (see table)	Figure
Rectangular connector system			
– Two-terminal polarized plug	Earphones	2	1
– Three-terminal unpolarized plug	Earphones	2	2
– Three-terminal polarized plug	Electrical input	2	3
Circular connector system			
– Three-terminal plug	See Annex A	3	4
– Three-terminal socket	See Annex A	4	7
– Four-terminal plug	See Annex A	3	5
– Four-terminal socket	See Annex A	4	8
– Five-terminal plug	See Annex A	3	6
– Five-terminal socket	See Annex A	4	9