

AS/NZS 60065:2018

AS/NZS 60065:2018

Australian/New Zealand Standard™

**Audio, video and similar electronic  
apparatus—Safety requirements  
(IEC 60065:2014 (ED. 8.0) MOD)**



## **AS/NZS 60065:2018**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE-001, Safety of Electronic Equipment. It was approved on behalf of the Council of Standards Australia on 8 January 2018 and by the New Zealand Standards Approval Board on 20 December 2017.  
This Standard was published on 12 February 2018.

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(IEC 60065:2014 (ED. 8.0) MOD)**

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-001 Safety of Electronic Equipment.

AS/NZS 60065:2012, *Audio, video and similar apparatus—Safety requirements* (IEC 60065, ED. 7.2 (2011) MOD) will also remain current for 2 years from the publication of AS/NZS 60065:2018, *Audio, video and similar electronic apparatus—Safety requirements (IEC 60065:2014 (ED. 8.0) MOD)*, and after this time will be superseded by AS/NZS 60065:2018. Regulatory authorities that reference these Standards in regulation may apply these requirements at a different time; users of this Standard should consult with these authorities to confirm their requirements.

The objective of this Standard is to provide Australian and New Zealand electrical and electronic industries with minimum safety requirements for electrically powered equipment intended for the reception, generation, recording or reproduction of audio, video and associated signals.

This Standard is an adoption with national modifications and has been reproduced from IEC 60065:2014 (ED.8.0), *Audio, video and similar apparatus—Safety requirements*, including Corrigendum 1 (2015), which has been added at the end of the source text. IEC Corrigendum 2 (2016) has not been included as it comprises a correction to Clause 12.7.1 that has been incorporated into Appendix ZZ. The Australian/New Zealand variations are listed in Appendix ZZ. This Standard has been varied from the IEC Standard as indicated to take account of Australian/New Zealand conditions.

This Standard is structured as follows:

- (a) Australian/New Zealand Preface.
- (b) IEC 60065:2014 (unedited from the scope to the final clause of the source document including Corrigendum 1).
- (c) Appendix ZZ—Australian/New Zealand variations to the source document.

The variations listed in Appendix ZZ address Australia/New Zealand issues including the following:

- (i) Addition of references to relevant normative Australian/New Zealand Standards.
- (ii) Alternate requirements for thermoplastic materials
- (iii) Appropriate tests of AS/NZS 3112.
- (iv) Australian/New Zealand requirements for flexible cords.
- (v) Requirements for stability of television receivers.
- (vi) Alternate resistance to fire tests.
- (vii) Change Table 21 flammability category.
- (viii) Reference to Australian Telecommunications Labelling Notice (Annex B).
- (ix) Additional requirements for batteries.
- (x) Abnormal conditions and single fault conditions output voltage test for external power supplies, docking stations and other similar devices.

The essential safety requirements in AS/NZS 3820, *Essential safety requirements for electrical equipment*, that could be applicable to electrically powered equipment intended for the reception, generation, recording or reproduction of audio, video and associated signals are covered by this Standard.

The variations described in Appendix ZZ form the Australian and New Zealand variations for the purposes of the CB scheme for recognition of testing to standards for safety of electrical equipment.

As this Standard is reproduced from an International Standard, the following applies:

(A) In the source text ‘this International Safety Standard’ should read ‘this Australian/New Zealand Standard’.

(B) A full point should be substituted 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.

In cases where Australian or Australian/New Zealand Standards are modified-text adoptions of international normative reference Standards, references to those International Standards are required by Appendix ZZ to be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
IEC		AS	
60038	IEC standard voltages	60038	Standard voltages
		AS/NZS	
60320	Appliance couplers for household and similar general purposes (series)	60320	Appliance couplers for household and similar general purposes (series)
60335	Household and similar electrical appliances—Safety	60335	Household and similar electrical appliances—Safety
60335-1	Part 1: General requirements	60335.1	Part 1: General requirements (IEC 60335-1 Ed 5, MOD)
60950	Safety of information technology equipment—Safety	60950	Information technology equipment—Safety
60950-1	Part 1: General requirements	60950.1	Part 1: General requirements (IEC 60950-1, Ed.2.2 (2013), MOD)
61058	Switches for appliances	61058	Switches for appliances
61058-1	Part 1: General requirements	61058.1	Part 1: General requirements (IEC 61058-1, Ed.3.1 (2000), MOD)
62368	Audio/visual, information and communication technology equipment	62368	Audio/visual, information and communication technology equipment
62368-1	Part 1: Safety requirements	62368.1	Part 1: Safety requirements (IEC 62368-1:2014 (ED. 2.0), MOD)

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