

AS/NZS 62087.2.1:2008
(Incorporating Amendment Nos 1 and 2)

AS/NZS 62087.2.1:2008

Australian/New Zealand Standard™

**Power consumption of audio, video and
related equipment**

**Part 2.1: Minimum energy performance
standards (MEPS) requirements for
digital television set-top boxes**



AS/NZS 62087.2.1:2008

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 19 August 2008 and on behalf of the Council of Standards New Zealand on 5 September 2008.
This Standard was published on 21 October 2008.

The following are represented on Committee TE-001:

Australian Chamber of Commerce and Industry
Australian Communications and Media Authority
Australian Electrical and Electronic Manufacturers Association
Australian Greenhouse Office, Department of the Environment and Water Resources
Australian Information Industry Association
Australian Subscription Television and Radio Association
Certification Interests (New Zealand)
CHOICE
Consumer Electronics Association of New Zealand
Consumer Electronics Suppliers Association
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This Standard was issued in draft form for comment as DR 06093.

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First published as AS/NZS 62087.2.1:2008.
Reissued incorporating Amendment No. 1 (July 2009).
Reissued incorporating Amendment No. 2 (February 2010).

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Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6140

ISBN 0 7337 8920 X

PREFACE

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

This Standard incorporates Amendment No. 1 (July 2009) and Amendment No.2 (February 2010). The changes required by the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide designers, manufacturers, importers, test laboratories, regulators and users of digital television set-top boxes with the minimum energy performance standards (MEPS) requirements for these devices.

This Standard was prepared in response to the publication of a plan to regulate set-top boxes under the National Appliance and Equipment Energy Efficiency Program (NAEEEP) in 2004.

This Standard is published with the approval of the Australian and New Zealand regulatory authorities and is structured to be suitable for reference in regulations.

This series consists of two parts. These are—

AS/NZS

62087:2004 Methods of measurement for the power consumption of audio, video and related equipment

62087 Power consumption of audio, video and related equipment

62087.2.1 Part 2.1: Minimum energy performance standards (MEPS) requirements for digital television set-top boxes (this Standard)

Part 1 contains the test methods to be used when measuring the power consumption of various audio, video and related equipment, including set-top boxes.

Part 2 (this part) specifies minimum energy performance standards (MEPS) requirements and high efficiency levels for digital television set-top boxes. Regulatory authorities in Australia and New Zealand have advised that it is intended to make the requirements of Part 2 mandatory by including them in regulations no earlier than 1 December 2008.

Regulators also advise that transitional arrangements, often known as grandfather provisions, will apply to products that are manufactured in Australia or imported into Australia prior to the MEPS implementation date. Such products can continue to be sold without being registered or complying with MEPS requirements until stocks are exhausted. Products that are manufactured in Australia or imported into Australia after the MEPS implementation date must hold a valid registration at the time of sale. Such registration indicates compliance with the relevant MEPS requirements. Further information can be found in the Administrative Guidelines at: <http://www.energyrating.gov.au>

Administrative arrangements during the transition period may vary. It is expected that regulators will be able to call the requirements of this Standard into regulations by 1 December 2008. However, owing to legislative variations in different jurisdictions, not all regulators may have regulations in place by that date. Suppliers should contact the appropriate energy efficiency regulators to obtain detailed requirements with respect to the application date for registration and the holding of records in a particular jurisdiction.

During the development of this Standard, consideration was given to the target power consumption limits and time schedules for similar products listed in the Code of Conduct on Energy Efficiency of Digital TV Service Systems, revision 12, 19 November 2003, published by the European Commission, Directorate-General Energy and Transport.

The terms 'normative' and 'informative' are used in this Standard to define the application of the Appendix to which they apply. A normative appendix is an integral part of a Standard, whereas an informative appendix is only for information and guidance.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Standard. 'Shall' indicates that a requirement is mandatory, while 'should' indicates a recommendation.

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