

Australian Standard™

Consumer television interfaces

Part 2: Analogue baseband



S t a n d a r d s A u s t r a l i a

This Australian Standard was prepared by Committee CT-002, Broadcasting and Related Services. It was approved on behalf of the Council of Standards Australia on 30 July 2001 and published on 1 November 2001.

The following interests are represented on Committee CT-002:

Australian Broadcasting Authority
Australian Broadcasting Corporation
Australian Caption Centre
Australian Chamber of Commerce and Industry
Australian Communications Authority
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Australian Subscription Television and Radio Association
Community Broadcasting Association of Australia
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Consumers Telecommunications Network Inc, Australia
Department of Communications, Information Technology and the Arts, Australia
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First published as AS 4542.2—2001.

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Published by Standards Australia International Ltd
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 4103 7

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CT-002, Broadcasting and Related Services. There was consensus among the committee that it should be published as an Australian Standard.

The objective of this Standard is to provide designers, manufacturers, installers, testers and maintainers of equipment and systems with the specifications for the analogue baseband parameters for interfacing of ancillary equipment (such as digital tuners, integrated receiver decoders, set top boxes, video cassette recorders, digital video discs and audio systems) with television receivers and displays, in order to ensure compatibility and acceptable operational performance.

This Standard is Part 2 of a series on television equipment interfaces which, when complete, is planned to comprise the following:

AS

4542 Consumer television interfaces

4542.1 Part 1: PAL RF

4542.2 Part 2: Analogue baseband (this Standard)

4542.3 Part 3: Digital interfaces

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard
Consumer television interfaces

Part 2: Analogue baseband

1 SCOPE

This Standard defines parameters of analogue baseband interfaces for video and audio to be used between ancillary equipment and television receiving equipment.

2 APPLICATION

This interface Standard gives the analogue baseband requirements of audio and video signals between devices allowing consumers to interconnect various pieces of equipment whilst maintaining satisfactory overall performance.

The output requirements provide the information on the equipment containing the sending side of the interface while the input requirements provide the information on the reception (or display) side of the interface. Audio visual sources such as digital tuners, integrated receiver decoders (IRDs), set top boxes (STBs), satellite decoders, digital video and audio decoders, digital video disc (DVD) players and the output section of analogue and digital video cassette recorders (VCRs) shall comply with the minimum output requirements. Similarly the input section of VCRs and television receivers and displays shall comply with the minimum input requirements.

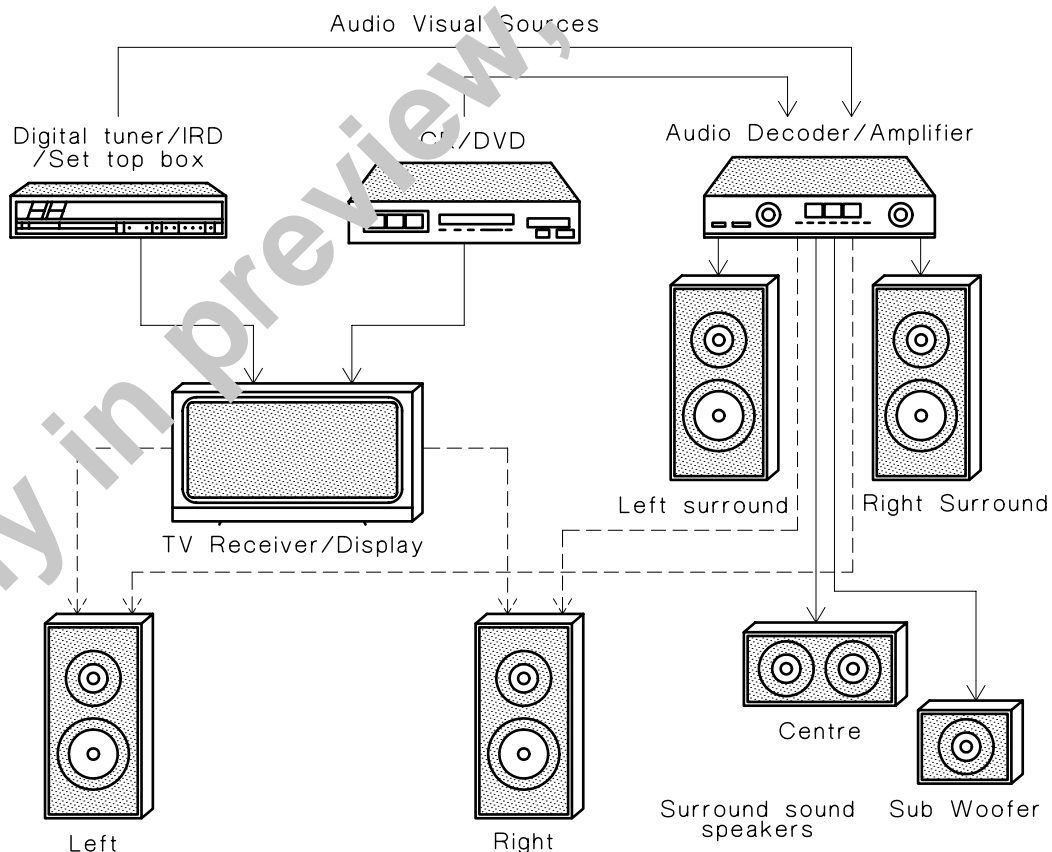


FIGURE 1 TYPICAL CONSUMER EQUIPMENT REQUIRING INTERCONNECTION