

Audiovisual, video and television equipment and systems —

Part 7: Guide for safe handling and operation of audiovisual equipment

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Electronic Equipment Standards Committee (EEL/-) to Technical Committee EEL/32, upon which the following bodies were represented:

- Association for Consumer Research (ACRE)
- Association of British Theatre Technicians
- Audio Engineering Society
- British Educational Equipment Association
- British Kinematograph, Sound and Television Society
- British Radio and Electronic Equipment Manufacturers' Association
- British Telecommunications plc
- Consumer Policy Committee of BSI
- Federation of British Audio
- Independent Broadcasting Authority
- Independent Television Association
- Institution of Electrical Engineers
- Radio Electrical and Television Retailers' Association
- Royal Institute of British Architects
- Royal National Institute for the Deaf
- Society of Cable Television Engineers
- Sound and Communication Industries Federation
- Training and Educational Systems Testing Bureau

This British Standard, having been prepared under the direction of the Electronic Equipment Standards Committee, was published under the authority of the Board of BSI and comes into effect on 28 February 1989

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National foreword

This Part of BS 5817 has been prepared under the direction of the Electronic Equipment Standards Committee and is identical with IEC 574-7:1987 “*Audiovisual, video and television equipment and systems — Part 7: Safe handling and operation of audiovisual equipment*”, published by the International Electrotechnical Commission (IEC).

BS 5817 consists of the following Parts:

- *Part 1: General;*
- *Part 2: Definitions;*
- *Part 3: Specification for connectors for the interconnection of equipment in audio-visual systems;*
- *Part 4: Recommendations for preferred matching values for the interconnection of equipment in a system;*
- *Part 5: Control, synchronization and address codes;*
- *Section 5.1: Synchronized tapelvisual operating practice;*
- *Section 5.2: Method of operation for pulsed cue tone control systems for two still projectors;*
- *Part 7: Guide for safe handling and operation of audiovisual equipment;*
- *Part 8: Symbols and identification;*
- *Part 10: Specification for audio cassette systems;*
- *Part 11: Methods for operating video recording systems to facilitate browsing;*
- *Part 12: Projectors and colour cameras¹⁾;*
- *Part 13: Specification for a digital counter for audio cassette systems;*
- *Part 14: Specification for audio striped card system;*
- *Part 15: Specification for audio pages;*
- *Part 16: Specification for labelling for educational audio cassettes;*
- *Part 17: Audio learning laboratories¹⁾.*

Terminology and conventions. The text of the international report has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards.

Within this guide, the term “authorised person” generally means a person selected, appointed or employed to carry out certain duties and considered to be competent for the purposes of the clause in which the term is used. Thus the meaning of the term may vary between clauses and may apply to different people throughout the standard. The reference in **5.7** is to a person who has responsibility for fixed services within the building where equipment is used. The references in **7.6**, **7.7** and **8.3** and the second reference in **9.1** are to an appropriately trained service and maintenance technician who might be the same person in all cases. A technical adviser is the authorized person referred to in **7.2**, who might be the same person referred to in **8.3**. In all cases, the person will need to have been authorized to carry out the particular responsibilities by someone with an equivalent ranking to a chief executive, or some person directly responsible to the chief executive or equivalent who is competent to make the appropriate judgements in these matters.

¹⁾ In preparation.

For the purposes of this guide, the first sentence of the introduction should be read as follows:

“Relevant authorities are encouraged to produce simplified versions of this report with appropriate diagrams or pictures included to make the report as comprehensible as possible to lay persons.”

Cross-references

International Standard	Corresponding British Standard
IEC 348:1978	BS 4743:1979 <i>Specification for safety requirements for electronic measuring apparatus</i> (Identical)
IEC 414:1973	BS 5458:1977 <i>Specification for safety requirements for indicating and recording electrical measuring instruments and their accessories</i> (Identical)
IEC 417:1973	BS 6217:1981 <i>Guide to graphical symbols for use on electrical equipment</i> (Identical)
IEC 447:1974	BS 6013:1980 <i>Specification for standard directions of movements for actuators which control the operation of electrical apparatus</i> (Identical)
IEC 529:1976	BS 5490:1977 <i>Specification for classification of degrees of protection provided by enclosures</i> (Identical)
IEC 536:1976	BS 2754:1976 <i>Memorandum. Construction of electrical equipment for protection against electric shock</i> (Technically equivalent)

The Technical Committee has reviewed the provisions of IEC 65, IEC 364, IEC 380 and IEC 446, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

Related British Standards to IEC 65 and IEC 380 are BS 415 and BS 5850 respectively.

Additional information. General information on the safe handling of audiovisual equipment is given in an illustrated booklet²⁾ “Focus on Safety”, prepared by the Council for Educational Technology’s Support Group on Equipment Standards, Specification and Operation.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

²⁾ Available from RoSPA, Royal Society for the Prevention of Accidents, Cannon House, Priory Queensway, Birmingham B4 6BS.