

Audiovisual, video and television equipment and systems —

Part 20: Methods of measuring and reporting the performance of 16 mm sound film projectors

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Electronic Equipment Standards Policy 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

This British Standard, having been prepared under the direction of the Electronic Equipment Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 August 1989

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National foreword

This Part of BS 5817 has been prepared under the direction of the Electronic Equipment Standards Policy Committee and is identical with IEC 574-20:1988 “Audiovisual, video and television equipment and systems” Part 20 “Methods of measuring and reporting the performance of 16 mm sound film projectors”, 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 audiovisual 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 6: (not allocated);
- Part 7: Guide for safe handling and operation of audiovisual equipment;
- Part 8: Symbols and identification;
- Part 9: (not allocated);
- 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 cassettes;
- Part 17: Audio learning laboratories¹⁾;
- Part 18: Specification for connectors for automatic slide projectors with built-in triacs for audiovisual application;
- Part 19: (not allocated);
- Part 20: Methods of measuring and reporting the performance of 16 mm sound film projectors.

Cross-references

International Standard	Corresponding British Standard
IEC 68	BS 2011 <i>Basic environmental testing procedures</i> (All Parts identical)
IEC 268-3:1969	BS 5428 <i>Methods for specifying and measuring the characteristics of sound system equipment</i> Part 2:1987 <i>Amplifiers</i> (Technically equivalent)
IEC 357:1982	BS 1075:1985 <i>Specification for tungsten halogen lamps (non-vehicle)</i> (Identical)
IEC 386:1972	BS 4847:1972 <i>Method of measurement of speed fluctuations in sound recording and reproducing equipment</i> (Technically equivalent)

¹⁾ In preparation.

International Standard	Corresponding British Standard
IEC 651:1979	BS 5969:1981 <i>Specification for sound level meters</i> (Identical)
ISO 26:1985	BS 5550: <i>Cinematography</i> Subsection 2.7.1:1986 <i>Specification for projector usage of 16 mm motion-picture films for direct front projection</i> (Identical)
ISO 490:1978	Subsection 2.4.6:1979 <i>Specification for positions and width dimensions of magnetic stripes and magnetic recording head gaps for sound record on 16 mm motion-picture film perforated along one edge (Type 1)</i> (Identical)
ISO 4834:1986	Subsection 5.4.5:1987 <i>Specification for basic technical characteristics of magnetic sound test films excluding striped release prints</i> (Identical)
ISO 6025:1982	Subsection 5.4.2:1983 <i>Specification for photographic-monophonic sound test films</i> (Identical)

The Technical Committee has reviewed the provisions of IEC 50 (845) [which supersedes IEC 50 (45) and ISO 554:1976], to which reference is made in the text and has decided that they are acceptable for use with this standard. Related British Standards to IEC 50 (45) are BS 4727-4:Groups 01, 02 and 03 and BS 6100-3.4. There is no related standard to ISO 554.

Copies of International Commission on Illumination (CIE) publication 15 (E-1.3.1) (1971) may be purchased through Honorary Librarian International Commission on Illumination of Great Britain

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 8, 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.