
British Standard

Audiovisual, video and television equipment and systems

Part 4. Specification for matching values for the interconnection of equipment in a system

(Implementation of CENELEC HD 369.4 S1)

Equipements et systèmes audiovisuels, vidéo et de télévision
Partie 4. Valeurs d'adaptation pour l'interconnexion des équipements à l'intérieur d'un
système – Spécifications

Audiovisuelle, Video- und Fernsehgeräte und -systeme
Teil 4. Anpassungswerte für die Zusammenschaltung von Geräten in einem System

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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 574-4 : 1982 'Audio-visual, video and television equipment and systems Part 4 : Preferred matching values for the interconnection of equipment in a system', published by the International Electrotechnical Commission (IEC). This standard is also in agreement with Harmonization Document HD 369.4 S1 published by the European Committee for Electrotechnical Standardization (CENELEC) and supersedes BS 5817 : Part 4 : 1983 which is withdrawn.

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 Specification for matching values for the interconnection of equipment in a system
- Part 5 Control, synchronization and address codes
 - Section 5.1 Specification for synchronized tape/visual 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 Methods of measurement for non-broadcast single-sensor video cameras
- 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 Specification and methods of measurement for audio learning systems
- 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 94-2 : 1975	BS 6288 Magnetic tape sound recording and reproducing systems Part 2 : 1982 Specification for calibration tapes (Identical)
IEC 98 : 1987 †	BS 7063 : 1989 Specification for analogue audio disk records and reproducing equipment (Identical)
IEC 268-3 : 1988	BS 6840 : Sound system equipment Part 3 : 1989 Methods for specifying and measuring the characteristics of sound system amplifiers (Identical)
IEC 268-4 : 1972	Part 4 : 1987 Methods for specifying and measuring the characteristics of microphones (Identical)
IEC 268-5 : 1972	BS 5428 Methods for specifying and measuring the characteristics of sound system equipment Part 11 : 1977 Loudspeakers (Identical)

*In preparation.

† IEC 98 (1964) and IEC 98A (1972) to which reference is made in the text have been superseded by IEC 98 : 1987.

Amendment No. 1
published and effective from 15 September 1993
to BS 5817 : Part 4 : 1989

Audiovisual, video and television equipment and systems
Part 4. Specification for matching values for the
interconnection of equipment in a system

NOTE. This amendment is being published to effect the implementation of amendment 1 : 1991 to IEC 574-4 : 1982 and CENELEC HD 369.4 S2.

Revised text

Front cover

Underneath the IEC reference insert:

'(including amendment 1 : January 1991 to IEC 547-4 : 1982)'.

Underneath the title, delete 'HD 369.4 S1' and substitute 'HD 369.4 S2'.

AMD 7857/September 1993

Contents

At the end of the list insert the following.

Annex

ZA (normative)	Other international publications quoted in this standard with the references of the relevant European publications
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National annex

NA (informative)	Cross-references.
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National foreword

Delete the text and substitute the following.

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 574-4 : 1982 'Audiovisual, video and television equipment and systems Part 4: Preferred matching values for the interconnection of equipment in a system', including amendment 1 : 1991-01, published by the International Electrotechnical Commission (IEC). This British Standard implements Harmonization Document HD 369.4 S2 published by the European Committee for Electrotechnical Standardization (CENELEC).

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	Specification for matching values for the interconnection of equipment in a system
Part 5	Control, synchronization and address codes Section 5.1 Synchronized tape/visual 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
¹⁾ Part 12	Methods of measurement for non-broadcast single-sensor video cameras
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	Methods for specifying and measuring the performance characteristics of audio learning systems
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

IEC 574-3 referred to in clause 7 as (in preparation) has been published as IEC 574-3 : 1983 and has been implemented under Harmonization Document HD 369.3 S1 as BS 5817 : Part 3 : 1989.

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

¹⁾ In preparation.

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HD title page and foreword

Immediately following the national foreword insert the attached HD title page and foreword page.

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Clause 16. Vedio tape recorder

Delete the text and substitute the attached.

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New annex ZA

Insert the attached new annex ZA at the end of the existing text.

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National annex NA Cross-references

Delete the title and the text and substitute the following.

National annex NA (informative)

Cross-references

Publication referred to	Corresponding British Standard
IEC 268-4 : 1972	BS 6840 Sound system equipment Part 4 : 1987 Methods for specifying and measuring the characteristics of microphones
HD 195 S6 : 1989	BS 415 : 1990 Specification for safety requirements for mains operated electronic and related apparatus for household and similar general use
HD 311.2 S3 : 1993	BS 6288 Magnetic tape sound recording and reproducing systems Part 2 : 1990 Specification for calibration tapes
HD 337 S3 : 1989	BS 7063 : 1989 Specification for analogue audio disk records and reproducing equipment
HD 472 S1 : 1989	BS 7484 : 1991 Guide to electromagnetic environment for low-frequency conducted disturbances and signalling in public power supply systems
HD 483.3 S2 : 1992	BS 6840 Sound system equipment Part 3 : 1989 Methods for specifying and measuring the characteristics of sound system amplifiers
HD 483.5 S1 : 1990	Part 5 : 1990 Methods for specifying and measuring the characteristics of loudspeakers
HD 483.15 S4 : 1991	Part 15 : 1988 Specification for matching values for the interconnection of sound system components
HD 560.1 S1 : 1990	BS 4054 Methods of measuring and expressing the performance of radio receivers for sound broadcasting Part 1 : 1980 General conditions

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UDC 621.37.011.21.001.365 : 621.395/.397 : 621.375 : 681.844/846

Descriptors: Matching values, electroacoustical, audiovisual, interconnection supply voltages, input signals, output signals

English version

Audiovisual, video and television equipment and systems Part 4: Preferred matching values for the interconnection of equipment in a system

(IEC 574-4 : 1982 + A1 : 1991)

Equipements et systèmes audiovisuels, vidéo et
de télévision

Quatrième partie: Valeurs d'adaptation
recommandées pour l'interconnexion des
équipements à l'intérieur d'un système
(CEI 574-4 : 1982 + A1 : 1991)

Audiovisuelle, Video- und Fernsehgeräte und
-anlagen

Teil 4: Empfohlene Anpassungswerte für die
Verbindung von Geräten in einer Anlage
(IEC 574-4 : 1982 + A1 : 1991)

This Harmonization Document was approved by CENELEC on 1992-12-09. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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