

Sound system equipment —

**Part 11: Specification for application of
connectors for the interconnection of
sound system components —**

**(Implementation of
CENELEC HD 483.11 S3)**

UDC 621.396.7:621.395.6:621.316.541

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 of British Theatre Technicians
- Audio Engineering Society
- British Broadcasting Corporation
- British Educational Equipment Association
- British Kinematograph, Sound and Television Society
- British Radio and Electronic Equipment Manufacturers' Association
- British Telecommunications plc
- Consumers' Association
- Electronic Components Industry Federation
- Federation of British Audio
- Independent Television Association
- Institution of Electrical Engineers
- National Council for Educational Technology (NCET)
- Professional Lighting and Sound Association
- Radio Electrical and Television Retailers' Association
- Radio Institute of British Architects
- Royal National Institute for Deaf People
- 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 Standards Board and comes into effect on 15 January 1994

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National foreword

This Part of BS 6840 has been prepared under the direction of the Electronic Equipment Standards Policy Committee and is identical with IEC 268-11:1987 *Sound system equipment — Part 11 Application of connectors for the interconnection of sound system components*, as amended by Amendment 1 (October 1989) and Amendment 2 (September 1991), published by the International Electrotechnical Commission (IEC). This standard implements Harmonization Document HD 483.11 S3, published by the European Committee for Electrotechnical Standardization (CENELEC) and supersedes BS 6840-11:1988 which is withdrawn.

This edition introduces technical changes but it does not reflect a full review or revision of the standard, which will be undertaken in due course. The changes introduced are indicated by a side line in the margin.

BS 6840 consists of the following Parts.

- *Part 1: Methods for specifying and measuring general characteristics used for equipment performance;*
- *Part 2: Glossary of general terms and calculation methods;*
- *Part 3: Methods for specifying and measuring the characteristics of sound system amplifiers;*
- *Part 4: Methods for specifying and measuring the characteristics of microphones;*
- *Part 5: Methods for specifying and measuring the characteristics of loudspeakers;*
- *Part 6: Methods for specifying and measuring the characteristics of auxiliary passive elements;*
- *Part 7: Methods for specifying and measuring the characteristics of headphones and earphones¹⁾;*
- *Part 8: Methods for specifying and measuring the characteristics of automatic gain control devices;*
- *Part 9: Methods for specifying and measuring the characteristics of artificial reverberation, time delay and frequency shift equipment;*
- *Part 10: Methods for specifying and measuring the characteristics of peak programme level meters;*
- *Part 11: Specification for application of connectors for the interconnection of sound system components;*
- *Part 12: Specification for applications of connectors for broadcast and similar use;*
- *Part 13: Guide for listening tests on loudspeakers;*
- *Part 14: Guide for circular and elliptical loudspeakers; outer frame diameters and mounting dimensions;*
- *Part 15: Specification for matching values for the interconnection of sound system components;*
- *Part 16: Guide to the “RASTI” method for the objective rating of speech intelligibility in auditoria;*
- *Part 17: Methods for specifying and measuring the characteristics of standard volume indicators.*

¹⁾ In preparation

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, the HD title page, pages 2 to 18, 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.

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Descriptors: Sound system equipment, electrical connection, electrical connector, designation, classification, application

English version

Sound system equipment
Part 11: Application of connectors for the
interconnection of sound system components

(IEC 268-11:1987 + A1:1989 + A2:1991)

Equipements pour systèmes
électroacoustiques
Onzième partie: Application des connecteurs
pour l'interconnexion des éléments de
systèmes électroacoustiques
(CEI 268-11:1987 + A1:1989 + A2:1991)

Elektroakustische Geräte
Teil 11: Anwendung von Steckverbindern für
die Verbindung von Teilen elektroakustischer
Anlagen
(IEC 268-11:1987 + A1:1989 + A2:1991)

This Harmonization Document was approved by CENELEC on 1993-07-06. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such 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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Foreword

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 268-11:1987 and its amendments 1:1989 and 2:1991 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as Harmonization Document.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as HD 483.11 S3 on 6 July 1993.

The following dates were fixed:

- latest date of announcement of the HD at national level (doa) 1993-09-01
- latest date of publication of a harmonized national standard (dop) 1994-03-01
- latest date of withdrawal of conflicting national standards (dow) 1994-03-01

For products which have complied with HD 483.11 S2:1991 before 1994-03-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-03-01.

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA is normative.

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