

Sound system equipment —

Part 17: Methods for specifying and measuring the characteristics of standard volume indicators

(Implementation of CENELEC HD 483.17 S1)

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
- Association for Consumer Research (ACRE)
- 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
- National Council for Educational Technology (NCET)
- Professional Lighting and Sound Association
- 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 Standards Board and comes into effect on 30 April 1991

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The following BSI references relate to the work on this standard:
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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 268-17:1990 *Sound system equipment — Part 17: Standard volume indicators* and its corrigendum of September 1991, published by the International Electrotechnical Commission (IEC). This Part of BS 6840 implements Harmonization Document HD 483.17 S1 published by the European Committee for Electrotechnical Standardization (CENELEC).

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 headsets¹⁾;*
- *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.*

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 and ii, the HD title page, pages 2 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.

¹⁾ In preparation.

UDC 534.86:621.317.7

Descriptors: Electroacoustic, electroacoustical equipment, indicating device, electroacoustical intensity, characteristics, specifications

English version

Sound system equipment Part 17: Standard volume indicators

(IEC 268-17:1990 + corrigendum 1991)

Equipements pour systèmes électroacoustiques
Dix-septième partie: Indicateurs de volume
normalisés
(CEI 268-17:1990)

Elektroakustische Geräte
Teil 17: Standard-vu-Meter
(IEC 268-17:1990)

This Harmonization Document was approved by CENELEC on 1992-06-16. 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).

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CENELEC

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

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