

Sound system equipment —

Part 14: Guide for circular and elliptical loudspeakers; outer frame diameters and mounting dimensions

[IEC title: Sound system equipment Part 14: Circular and
elliptical loudspeakers; outer frame diameters and mounting
dimensions]

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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 of British Theatre Technicians
- Association of Sound and Communications Engineers Limited
- Audio Engineering Society
- British Educational Equipment Association
- British Kinematograph, Sound and Television Society
- British Radio and Electronic Equipment Manufacturers' Association
- British Telecommunications plc
- Cable Television Association of Great Britain
- Consumer Standards Advisory Committee of BSI
- Consumers Association
- Federation of British Audio
- Independent Television Companies' Association
- Institution of Electronic and Radio Engineers
- Radio Electrical and Television Retailers' Association
- Royal Institute of British Architects
- Royal National Institute for the Deaf
- Society of Cable Television Engineers
- 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 30 October 1987

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National foreword

This British Standard has been prepared under the direction of the Electronic Equipment Standards Committee and is identical with IEC 268-14:1980 “*Sound system equipment*” — Part 14 “*Circular and elliptical loudspeakers; outer frame diameters and mounting dimensions*” published by the International Electrotechnical Commission (IEC). The text of this Part of BS 6840 is unchanged from the text of BS 5428-5.1:1981 which is now withdrawn.

All Parts and Sections of BS 5428 will be published as Parts of BS 6840 in order to achieve consistency of numbering between the corresponding Parts of the IEC Publication and the British Standard, with harmonization in view.

BS 6840 consists of the following Parts:

- *Part 1: Methods for specifying and measuring general characteristics used for equipment performance* (Supersedes part of BS 5428-1.);
- *Part 2: Guide for explanation of general terms* (Supersedes part of BS 5428-1.)¹⁾;
- *Part 3: Methods for specifying and measuring the characteristics of sound system amplifiers* (Supersedes BS 5428-2.)¹⁾;
- *Part 4: Methods for specifying and measuring the characteristics of microphones* (Previously BS 5428-3.);
- *Part 5: Methods for specifying and measuring the characteristics of loudspeakers* (Supersedes BS 5428-11 and BS 5428-11: Supplement 1.)¹⁾;
- *Part 6: Methods for specifying and measuring the characteristics of auxiliary passive elements* (Previously BS 5428-4.);
- *Part 7: Methods for specifying and measuring the characteristics of headphones and headsets* (New.)¹⁾;
- *Part 8: Methods for specifying and measuring the characteristics of automatic gain control devices* (Previously BS 5428-7.);
- *Part 9: Methods for specifying and measuring the characteristics of artificial reverberation, time delay and frequency shift equipment* (Previously BS 5428-8.);
- *Part 10: Specification for programme level meters* (Supersedes BS 5428-9.)¹⁾;
- *Part 11: Specification for applications of connectors for the interconnection of sound system components* (Supersedes BS 5428-5.2.)¹⁾;
- *Part 12: Specification for applications of connectors for broadcast and similar use* (Supersedes BS 5428-5.3.)¹⁾;
- *Part 13: Guide for listening tests on loudspeakers* (New.);
- *Part 14: Guide for circular and elliptical loudspeakers: outer frame diameters and mounting dimensions* (Previously BS 5428-5.1.);
- *Part 15: Specification for matching values for the interconnection of sound system components* (Supersedes BS 5428-10.)¹⁾;
- *Part 16: Guide to the RASTI method for the objective rating of speech intelligibility in auditoria* (New.)¹⁾.

Terminology and conventions. The text of the International Standard 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; attention is drawn especially to the following.

The comma has been used throughout as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

¹⁾ In preparation.

References to page numbers in the text relate to the IEC page numbers given in brackets at the bottom of each page.

Cross-references

International Standard	Corresponding British Standard
	BS 5428 <i>Methods for specifying and measuring the characteristics of sound system equipment</i>
IEC 268-5:1972	Part 11:1977 <i>Loudspeakers</i> ^a (Identical)
IEC 268-15:1978	Part 10:1979 <i>Preferred matching values for the interconnection of sound system components</i> ^a (Identical)

^a These Parts of BS 5428 will be withdrawn when the IEC 268-5 and IEC 268-15 Part revisions, in preparation, are implemented as Parts of BS 6840.

Additional information. With reference to clause 3, the number of this British Standard, i.e. BS 6840-14 may be used as a designation in addition to, or instead of, IEC Publication 268, Part 14.

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.