

Sound system equipment —

**Part 16: Guide to the “RASTI” method
for the objective rating of speech
intelligibility in auditoria —**

**[IEC title: Sound system equipment.
Part 16: The objective rating of speech
intelligibility in auditoria by the
“RASTI” method]**

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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

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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 Publication 268-16:1988 “Sound system equipment” — Part 16 “The objective rating of speech intelligibility in auditoria by the “RASTI” method”, published by the International Electrotechnical Commission (IEC).

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.

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: Glossary of general terms and calculation methods (Supersedes part of BS 5428-1.);*
- *Part 3¹⁾: Methods for specifying and measuring the characteristics of sound system amplifiers (Supersedes BS 5428-2.);*
- *Part 4: Methods for specifying and measuring the characteristics of microphones (Previously BS 5428-3.);*
- *Part 5¹⁾: Methods for specifying and measuring the characteristics of loudspeakers (Supersedes BS 5428-11 and BS 5428-11: Supplement 1.);*
- *Part 6: Methods for specifying and measuring the characteristics of auxiliary passive elements (Previously BS 5428-4.);*
- *Part 7¹⁾: Methods for specifying and measuring the characteristics of headphones and headsets (New.);*
- *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 10¹⁾: Specification for programme level meters (Supersedes BS 5428-9.);*
- *Part 11: Specification for applications of connectors for the interconnection of sound system components (Supersedes BS 5428-5.2.);*
- *Part 12: Specification for applications of connectors for broadcast and similar use (Supersedes BS 5428-5.3.);*
- *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.);*
- *Part 16: Guide to the RASTI method for the objective rating of speech intelligibility in auditoria (New.).*

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.

Wherever the word “report” appears, referring to this standard, it should be read as “British Standard”.

¹⁾ In preparation.

Cross-reference**International standard Corresponding British Standard**

IEC 225:1966	BS 2475:1964 Specification for octave and one-third octave band-pass filters (Technically equivalent)
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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 10, 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.

