

High fidelity audio equipment and systems; minimum performance requirements —

Part 7: Specification for loudspeakers

UDC [621.396 + 681.84] – 187.4:621.396.623.7

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

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National foreword

This Part of BS 5942 has been prepared under the direction of the Electronic Equipment Standards Committee. It is identical with IEC 581-7:1986 “*High fidelity audio equipment and systems; minimum performance requirements — Part 7: Loudspeakers*”, published by the International Electrotechnical Commission (IEC).

BS 5942 consists of the following Parts:

- *Part 1:1980 Specification for general requirements;*
- *Part 2:1987 Specification for FM radio tuners;*
- *Part 3:1980 Specification for record playing equipment and cartridges;*
- *Part 4:1981 Specification for magnetic recording and reproducing equipment;*
- *Part 5:1983 Specification for microphones;*
- *Part 6:1980 Specification for amplifiers;*
- *Part 7:1987 Specification for loudspeakers;*
- *Part 8:1987 Specification for combination equipment;*
- *Part 9: Specification for magnetic sound tape;¹⁾*
- *Part 10: Specification for headphones;²⁾*
- *Part 11: Specification for high fidelity systems for use in vehicles.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.

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 ^a	Part 11:1977 <i>Loudspeakers</i> (Identical)
IEC 268-11:1981 ^b	Section 5.1:1981 <i>Dimensional characteristics of single moving-coil (dynamic) loudspeakers</i> (Technically equivalent)
IEC 268-15:1978 ^a	Part 10:1979 <i>Preferred matching values for the interconnection of sound system components</i> (Identical)
	BS 5942 <i>High fidelity audio equipment and systems; minimum performance requirements</i>
IEC 581-1:1980	Part 1:1980 <i>Specification for general requirements</i> (Identical)
IEC 581-8:1986	Part 8:1987 <i>Specification for combination equipment</i> (Identical)

^a Under revision.

^b IEC 268-11:1981 superseded IEC 268-14 First Supplement:1973 but as it is identical in technical content no action was taken to amend BS 5428-5.1:1981.

NOTE BS 5428 will be superseded by BS 6840 “*Sound system equipment*”. All new parts of IEC 268 will be implemented under BS 6840 and all existing parts will be brought under BS 6840 when they are revised, amended or otherwise reviewed.

¹⁾ In preparation.

²⁾ Awaiting revision of IEC 581-10.

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Summary of pages

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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.