

Specification for

Sound systems for emergency purposes

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 28 June 1991

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The following BSI references relate to the work on this standard:
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Foreword

This British Standard has been prepared under the direction of the Electronic Equipment Standards Policy Committee and is technically equivalent to IEC 849:1989 “*Sound systems for emergency purposes*”, published by the International Electrotechnical Commission (IEC). The difference between the two standards lies in the omission in 4.7 of BS 7443 of the references to ISO 7731 and ISO 8201 which appear in IEC Publication 849, and the corresponding omission in BS 7443 of 3.2 of IEC Publication 849, which lists these ISO Publications. A second sentence in 5.5.2, referring to CISPR 11 and CISPR 13, has also been omitted as the question of which EMC standards should apply to emergency sound systems is currently under consideration and the referenced standards are no longer considered to be appropriate. Reference to these standards has also been omitted from 3.1. For ease of production, the IEC text has been retained.

Cross-references

International standard	Corresponding British Standard
IEC 68	BS 2011 Environmental testing (Most Parts identical or technically equivalent)
IEC 73:1984	BS 4099 Colours of indicator lights, push buttons, annunciators and digital readouts Part 1:1986 Specification for colours of indicator lights and push buttons (Identical)
IEC 268-4:1972	BS 6840 Sound system equipment Part 4:1987 Methods for specifying and measuring the characteristics of microphones (Identical)
IEC 268-15:1987	Part 15:1988 Specification for matching values for the interconnection of sound system components (Identical)
IEC 268-16:1988	Part 16:1989 Guide to the “RASTI” method for the objective rating of speech intelligibility in auditoria (Identical)
IEC 417:1973	BS 6217:1981 Guide to graphical symbols for use on electrical equipment (Identical)
IEC 801-3:1984	BS 6667 Electromagnetic compatibility for industrial-process measurement and control equipment Part 3:1985 Method of evaluating susceptibility to radiated electromagnetic energy (Identical)
British Standards referred to:	
BS 5839	Fire detection and alarm systems for buildings
BS 5839-1:1988	Code of practice for system design, installation and servicing
BS 5839-4:1988	Specification for control and indicating equipment

The Technical Committee has reviewed the provisions of IEC 27, IEC 79, IEC 364 and IEC 621 to which reference is made in the text and has decided that they are acceptable for use in conjunction with this standard. All parts of IEC 79 are related to Parts of BS 5501 which implement CENELEC EN 50014, EN 50015, 50016, EN 50017, EN 50018, EN 50019, EN 50020, EN 50028 and EN 50039. All parts of IEC 621 are related to Parts of BS 6907. IEC 65:1985, to which reference is made in the text, has been harmonized by CENELEC under HD 195 and is implemented by BS 415:1990 which is a related British Standard.

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.