

Audio recording — Compact disc digital audio system

The European Standard EN 60908:1999 has the status of a
British Standard

ICS 33.160.30

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Samsung Exhibit 1031

National foreword

This British Standard is the English language version of EN 60908:1999. It is identical with IEC 60908:1999. It supersedes BS EN 60908:1993 which will be withdrawn on 2001-11-01.

The UK participation in its preparation was entrusted by Technical Committee EPL/100, Audio, Video and Multimedia Systems and Equipment, to Subcommittee EPL/100/2, Recording, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
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A list of organizations represented on this committee can be obtained on request to its secretary.

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Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled "International Standards Correspondence Index", or by using the "Find" facility of the BSI Standards Electronic Catalogue.

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This British Standard, having been prepared under the direction of the Electrotechnical Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 May 1999

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 107 and a back cover.

Amendments issued since publication

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EUROPEAN STANDARD

EN 60908

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 1999

ICS 33.160.30

Supersedes EN 60908:1992 + A1:1993

Descriptors: Optical recording, sound recording, compact disc, characteristic, interchangeability, measurement, requirement

English version

**Audio recording
Compact disc digital audio system
(IEC 60908:1999)**

Enregistrement audio
Système audionumérique à disque
compact
(CEI 60908:1999)

Tonaufzeichnung
Digital-Audio-System Compact Disc
(IEC 60908:1999)

This European Standard was approved by CENELEC on 1998-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

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Foreword

The text of document 100B/173/FDIS, future amendment to IEC 60908:1987, prepared by SC 100B, Recording, of IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60908:1992 on 1998-10-01.

The text of this document, together with that of IEC 60908:1987 and its amendment 1:1992, was published by IEC as the second edition of IEC 60908 in February 1999. According to a decision of principle taken by the Technical Board of CENELEC, the approval of EN 60908:1992/A2 has been converted into the approval of a new EN 60908.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1999-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-11-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes B and ZA are normative and annexes A, C, D, E and F are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60908:1987 was approved by CENELEC as a European Standard without any modification.

AUDIO RECORDING – COMPACT DISC DIGITAL AUDIO SYSTEM –

1 Scope and object

This standard is applicable to a prerecorded optical reflective digital audio disc system.

This standard defines those parameters of compact disc that affect interchangeability between discs and players. It is also intended as a reference for manufacturers wishing to produce discs and/or players that conform to the system described in this standard. It deals with discs of 80 mm in diameter as well as those of 120 mm in diameter.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60068-2-2:1974, *Environmental testing – Part 2: Tests – Tests B: Dry heat*

IEC 60068-2-30:1980, *Environmental testing – Part 2: Tests – Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)*

IEC 60721-3-5:1997, *Classification of environmental conditions – Part 3: Classification of groups of environmental parameters and their severities – Section 5: Ground vehicle installations*

IEC 61104:1992, *Compact disc video system – 12 cm CD-V*

IEC 61866:1997, *Audiovisual systems – Interactive text transmission system (ITTS)*

IEC 61938:1996, *Audio, video and audiovisual systems – Interconnections and matching values – Preferred matching values of analogue signals*

ISO/IEC 646:1991, *Information technology – ISO 7-bit coded character set for information interchange*

ISO 3901:1986, *Documentation – International Standard Recording Code (ISRC)*

ISO/IEC 8859-1:1998, *Information technology – 8-bit single-byte coded graphic character sets – Part 1: Latin alphabet No. 1*

EBU Tech 3258-E:1991, *Specification of the systems of the MAC/packet family*

UPC/EAN, *Universal product code/International article numbering association*

RIAJ Document RS506, *Music shift Kanji character set*

CD EXTRA, *Enhanced music CD specification, Version 1.0, December 1995, Sony/Philips*

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