SVENSK STANDARD SS-EN IEC 60958-3

Fastställd	Utgåva	Sida	Ansvarig kommitté
2022-02-16	4	1 (1+69)	SEK TK 100

Audiovisuell teknik – Gränssnitt för digitaliserat ljud – Del 3: Tillämpningar för allmänbruk

Digital audio interface – Part 3: Consumer applications

Som svensk standard gäller europastandarden EN IEC 60958-3:2021. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 60958-3:2021.

Nationellt förord

Europastandarden EN IEC 60958-3:2021

består av:

– **europastandardens ikraftsättningsdokument,** utarbetat inom CENELEC
– **IEC 60958-3, Fourth edition, 2021 - Digital audio interface - Part 3: Consumer applications**

utarbetad inom International Electrotechnical Commission, IEC.

Tidigare fastställd svensk standard SS-EN 60958-3, utgåva 3, 2006 med ändringarna SS-EN 60958-3/A1:2010 och SS-EN 60958-3/A2:2015, gäller ej fr o m 2024-10-07.

ICS 33.160.01

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60958-3

October 2021

ICS 33.160.01

Supersedes EN 60958-3:2006 and all of its amendments and corrigenda (if any)

English Version

Digital audio interface - Part 3: Consumer applications (IEC 60958-3:2021)

Interface audionumérique - Partie 3: Applications grand public (IEC 60958-3:2021)

Digitalton-Schnittstelle - Teil 3: Allgemeingebrauch (IEC 60958-3:2021)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN IEC 60958-3:2021 E

SEK Svensk Elstandard SS-EN IEC 60958-3, utg 4:2022

European foreword

The text of document 100/3543/CDV, future edition 4 of IEC 60958-3, prepared by IEC/TC 100 “Audio, video and multimedia systems and equipment” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60958-3:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022–07–07
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024–10–07

This document supersedes EN 60958-3:2006 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users’ national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60958-3:2021 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60841	NOTE Harmonized as HD 544 S1
IEC 60908	NOTE Harmonized as EN 60908
IEC 61119-1	NOTE Harmonized as EN 61119-1
IEC 61119-6	NOTE Harmonized as EN 61119-6
IEC 61880:1998	NOTE Harmonized as EN 61880[1] (not modified)
IEC 61883-6:2014	NOTE Harmonized as EN 61883-6:2014 (not modified)
IEC 61937 (series)	NOTE Harmonized as EN 61937 (series)

[1] To be published. Stage at time of publication: prEN 61880:2021.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60958-1	-	Digital audio interface - Part 1: General	EN IEC 60958-1	-
IEC 60958-5	-	Digital audio interface - Part 5: Consumer application enhancement	EN IEC 60958-5	-

IEC 60958-3

Edition 4.0 2021-09

INTERNATIONAL STANDARD

Digital audio interface –
Part 3: Consumer applications

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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DIGITAL AUDIO INTERFACE –

Part 3: Consumer applications

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as “IEC Publication(s)”). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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IEC 60958-3 has been prepared by technical area 20: Analogue and digital audio, of IEC technical committee 100: Audio, video and multimedia systems and equipment. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2006, Amendment 1:2009 and Amendment 2:2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) The relevant part of IEC 60958-5 is supported.

The text of this International Standard is based on the following documents:

Draft	Report on voting
100/3543/CDV	100/3594/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

A list of all parts in the IEC 60958 series, published under the general title *Digital audio interface*, can be found on the IEC website.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

DIGITAL AUDIO INTERFACE –

Part 3: Consumer applications

1 Scope

This part of IEC 60958 specifies the consumer application of the interface for the interconnection of digital audio equipment defined in IEC 60958-1.

NOTE When used in a consumer digital processing environment, the interface is primarily intended to carry stereophonic programmes, with a resolution of up to 20 bits per sample, an extension to 24 bits per sample being possible.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60958-1, *Digital audio interface – Part 1: General*

IEC 60958-5, *Digital audio interface – Part 5: Consumer application enhancement*