

**SLOVENSKI STANDARD**  
**SIST EN 60958-1:2008/A1:2014**  
**01-oktober-2014**

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**Digitalni zvokovni vmesnik - 1. del: Splošno (IEC 60958-1:2008/A1:2014)**

Digital audio interface -- Part 1: General (IEC 60958-1:2008/A1:2014)

Digitalton-Schnittstelle - Teil 1: Allgemeines (IEC 60958-1:2008/A1:2014)

Interface audionumérique -- Partie 1: Généralités (CEI 60958-1:2008/A1:2014)

**Ta slovenski standard je istoveten z: EN 60958-1:2008/A1:2014**

[SIST EN 60958-1:2008/A1:2014](https://standards.iteh.ai/catalog/standards/sist/a3b1a1b0-663e-4f74-a380-dd7583db9b02/sist-en-60958-1-2008-a1-2014)

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**ICS:**

33.160.30	Avdio sistemi	Audio systems
35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

**SIST EN 60958-1:2008/A1:2014**      **en,fr,de**

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EUROPEAN STANDARD

EN 60958-1:2008/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2014

ICS 33.160.01

English Version

**Digital audio interface - Part 1: General  
(IEC 60958-1:2008/A1:2014)**Interface audionumérique - Partie 1: Généralités  
(CEI 60958-1:2008/A1:2014)Digitalton-Schnittstelle - Teil 1: Allgemeines  
(IEC 60958-1:2008/A1:2014)

This amendment A1 modifies the European Standard EN 60958-1:2008; it was approved by CENELEC on 2014-06-03. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CEN-CENELEC Management Centre or to any CENELEC member.

This amendment 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

## Foreword

The text of document 100/2164/CDV, future IEC 60958-1:2008/A1, 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 60958-1:2008/A1:2014.

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) 2015-03-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-06-03

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

## Endorsement notice

The text of the International Standard IEC 60958-1:2008/A1:2014 was approved by CENELEC as a European Standard without any modification.

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

IEC 60874-1	NOTE	Harmonised as EN 60874-1.
IEC 61937-3	NOTE	Harmonised as EN 61937-3.

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

IEC 61937-4	NOTE	Harmonised as EN 61937-4
IEC 61937-5	NOTE	Harmonised as EN 61937-5.
IEC 61937-6	NOTE	Harmonised as EN 61937-6.
IEC 61937-7	NOTE	Harmonised as EN 61937-7.
IEC 61937-8	NOTE	Harmonised as EN 61937-8.
IEC 61937-9	NOTE	Harmonised as EN 61937-9.



IEC 60958-1

Edition 3.0 2014-04

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

Digital audio interface –  
Part 1: General

**STANDARD PREVIEW**  
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Interface audionumérique –  
Partie 1: Généralités

[SIST EN 60958-1:2008/A1:2014](https://standards.iteh.ai/catalog/standards/sist/a3b1a1b0-663e-4f74-a380-dd7583db9b02/sist-en-60958-1-2008-a1-2014)  
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## FOREWORD

This amendment has been prepared by technical area 4: Digital system interfaces and protocols of IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this amendment is based on the following documents:

CDV	Report on voting
100/2164/CDV	100/2253/RVC

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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

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## INTRODUCTION to Amendment 1

The revision of IEC 60958-1:2008 has become necessary in order to revise Annexes B and C, and the Bibliography. Additional information for the use of the IEC 60958 conformant data format has also been included.

**Table B.1 – Application documents and specifications**

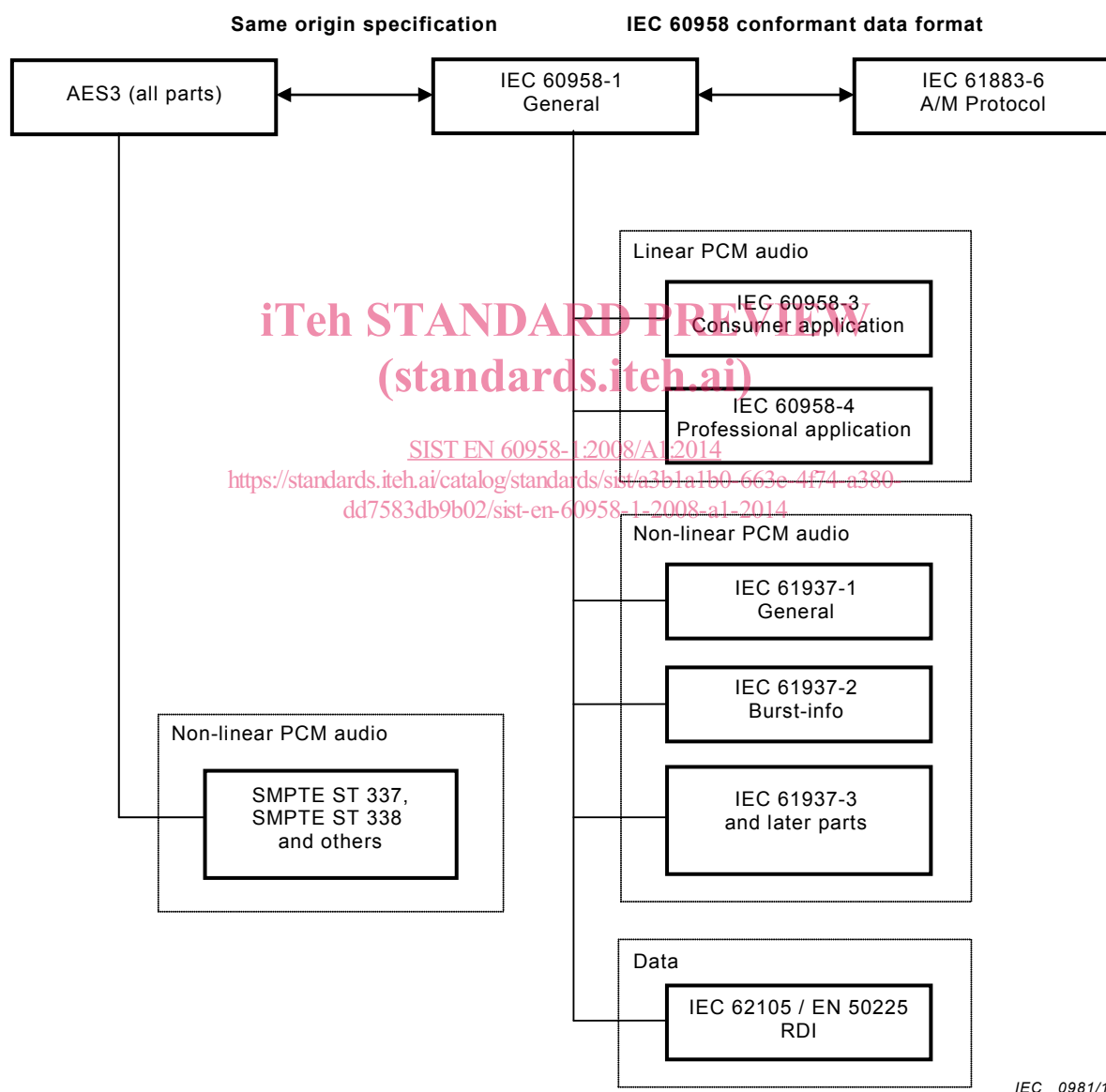
*Replace, in the last row of Table B.1, the existing reference "SMPTE 337M and others" by the following reference "SMPTE ST 337 and others".*

## Annex C (informative)

### Relationships of the IEC 60958 series families

Replace the entire text and Figure of the existing Annex C by the following new text, Figure and Table:

A relationship between IEC standards and related standards that are based on IEC 60958 is described in Figure C.1.



**Figure C.1 – Relationships of the IEC 60958 families**

As described here, the IEC 60958 series of standards consists of four parts and also forms the basis for other applications. IEC 61937 and IEC 62105 are protocols that use the format of the IEC 60958 series as a transport, and the IEC 60958 series conformant mode in IEC 61883-6 is a variant where the data in an IEC 60958 stream is carried on the format of IEC 61883-6. This means that data formats transported on the IEC 60958 series, can

themselves be carried on another interface format. As a result, the IEC 60958 series of standards has relevance across various interface formats and systems.

Non-linear PCM audio data transmission is defined by the IEC 61937 series for consumer application and by SMPTE ST 337 for professional application. The channel status of Byte 0, Bit 0 and 1 identifies each application. However both data streams may be transmitted with IEC 60958 conformant data format through other interface specifications. Also, the consumer and professional users use each other's equipment. To understand both applications and data\_type values and their utilization, see Table C.1.

**Table C.1 – data\_type values and application**

data_type value	SMPTE ST 337	IEC 61937-2	
		sub data_type	
0	refer to SMPTE ST 338	0	refer to IEC 61937-2
1	refer to SMPTE ST 338	0	refer to IEC 61937-2
2	refer to SMPTE ST 338	0	refer to SMPTE ST 338
3 – 1	refer to SMPTE ST 338	0	refer to IEC 61937-2
18 – 25	refer to SMPTE ST 338	0 to 3	refer to IEC 61937-2
26	refer to SMPTE ST 338	0 to 3	refer to IEC 61937-2
27	refer to SMPTE ST 338	0 to 3	refer to SMPTE ST 338
28	refer to SMPTE ST 338	0 to 3	refer to SMPTE ST 338
29	refer to SMPTE ST 338	0 to 3	refer to SMPTE ST 338
30	refer to SMPTE ST 338	0 to 3	refer to SMPTE ST 338
31	refer to SMPTE ST 338	0 to 3	Extended data-type (under consideration)