SIST

SLOVENSKI STANDARD
SIST EN 61937-2:2007/A1:2012

01-julij-2012

Digitalni avdio - Vmesnik za nelinearne PCM-kodirane avdio bitne tokove po IEC 60958 - 2. del: Hitre strnjene informacije (IEC 61937-2:2007/A1:2011)

Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burstinfo (IEC 61937-2:2007/A1:2011)

Digitalton - Schnittstelle für nichtlinear-PCM-codierte Audio-Bitströme unter Verwendung von IEC 60958 - Teil 2: Block-Information (IEC 61937-2:2007/A1:2011)

Audionumérique - Interface pour les flux de bits audio à codage MIC non linéaire conformément à la CEI 60958 - Partie 2: Salve d'informations (CEI 61937-2:2007/A1:2011)

Ta slovenski standard je istoveten z: EN 61937-2:2007/A1:2011

ICS:

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

SIST EN 61937-2:2007/A1:2012   **en,fr,de**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61937-2/A1

December 2011

ICS 33.160.30

English version

Digital audio -
Interface for non-linear PCM encoded audio bitstreams applying
IEC 60958 -
Part 2: Burst-info
(IEC 61937-2:2007/A1:2011)

Audionumérique -
Interface pour les flux de bits audio à
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la CEI 60958 -
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(CEI 61937-2:2007/A1:2011)

Digitalton -
Schnittstelle für nichtlinear-PCM-codierte
Audio-Bitströme unter Verwendung von
IEC 60958 -
Teil 2: Block-Information
(IEC 61937-2:2007/A1:2011)

This amendment A1 modifies the European Standard EN 61937-2:2007; it was approved by CENELEC on 2011-11-28. 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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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Ref. No. EN 61937-2:2007/A1:2011 E

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Foreword

The text of document 100/1811/CDV, future edition 2 of IEC 61937-2:2007/A1, prepared by technical area 4, "Digital system interfaces and protocols", of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61937-2:2007/A1:2011.

The following dates are fixed:

- latest date by which the document has   (dop)   2012-08-28
  to be implemented at national level by
  publication of an identical national
  standard or by endorsement
- latest date by which the national   (dow)   2014-11-28
  standards conflicting with the
  document have to be withdrawn

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 61937-2:2007/A1:2011 was approved by CENELEC as a European Standard without any modification.

Annex ZA
(normative)

Normative references to international publications
with their corresponding European publications

The following referenced documents are indispensable for the application 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   When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Addition to Annex ZA of EN 61937-2:2007:

Publication	Year	Title	EN/HD	Year
IEC 61937-10	-	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 10: Non-linear PCM bitstreams according to the MPEG-4 Audio Lossless Coding (ALS) format	EN 61937-10	-
IEC 61937-11	-	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 11: MPEG-4 AAC and its extensions in LATM/LOAS	EN 61937-11	-
IEC 61937-12	-	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 12: Non-linear PCM bitstreams according to the DRA formats	EN 61937-12	-

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IEC 61937-2

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INTERNATIONAL
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INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 –
Part 2: Burst-info**

**Audionumérique – Interface pour les flux de bits audio à codage MIC non
linéaire conformément à la CEI 60958 –
Partie 2: Salve d'informations**

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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
100/1811/CDV	100/1884/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 61937-2 (2007) has become necessary to define additional data types, in order to be consistent with the data-type field description in IEC 61937-1 and to clarify the rule and definition of this data-type. Amendment 1 contains the following significant technical changes with respect to the base publication (IEC 61937-2, second edition).

– New audio data-types of MPEG-4 ALS, MPEG-4 AAC LC in LATM/LOAS, MPEG-4 HE AAC in LATM/LOAS and DRA are added.

– The description of data-type and subdata-type fields in Pc is clarified.

– A rule has been defined for new data-types.

2 Normative references

Delete footnote 1 to IEC 61937-9.

Insert, in the list of normative references, the following new publications:

IEC 61937-10, *Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 10: Non-linear PCM bitstreams according to the MPEG-4 audio lossless coding (ALS) format*

IEC 61937-11, *Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 11: MPEG-4 AAC and its extensions in LATM/LOAS*

IEC 61937-12, *Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 12: Non-linear PCM bitstreams according to the DRA formats*

4.1 General

Replace the entire existing Table 1 by the following new Table 1:

Table 1 – Fields of burst-info

Bits of Pc		Value	Contents
0-6			Data-type (defined in IEC 61937-1)
	0-4		*Conventional* data-type
		0-31	See Table 2
	5-6		Subdata-type
		0-3	See Table 2
7			Error-flag
		0	Error-flag indicating a valid burst-payload
		1	Error-flag indicating that the burst-payload may contain errors
8-12			Data-type-dependent info
13-15		0-7	Bit-stream-number
NOTE Refer to IEC 61937-1, 6.1.7 and 6.1.7.1.			