

SLOVENSKI STANDARD

SIST EN 61937-2:2007

01-december-2007

Nadomešča:

SIST EN 61937-2:2005

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

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

Digitalton - Schnittstelle für nichtlinear-PCM-codierte Audio-Bitströme unter Verwendung von IEC 60958 -- Teil 2: Block-Information

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

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

ICS:

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

SIST EN 61937-2:2007

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61937-2

September 2007

ICS 33.160.30

Supersedes EN 61937-2:2003

English version

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

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)

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

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SIST EN 61937-2:2007

This European Standard was approved by CENELEC on 2007-09-01. 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 two official versions (English and 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 100/1115/CDV, future edition 2 of IEC 61937-2, prepared by Technical Area 4, of IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 61937-2 on 2007-09-01.

This European Standard supersedes EN 61937-2:2003.

EN 61937-2:2007 contains the following significant technical changes with respect to EN 61937-2:2003:

- new audio data-types of enhanced AC-3 data, MPEG-2 AAC low sampling frequency, MPEG-4 AAC, DTS type IV, ATRAC-X, WMA professional and MAT are added;
- data-type field in Pc is expanded from bit 0-4 to 0-6.

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) | 2008-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2010-09-01 |

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 61937-2:2007 was approved by CENELEC as a European Standard without any modification.

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60958-1	- ¹⁾	Digital audio interface - Part 1: General	EN 60958-1	2004 ²⁾
IEC 60958-3	- ¹⁾	Digital audio interface - Part 3: Consumer applications	EN 60958-3	2006 ²⁾
IEC 61937-1	- ¹⁾	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 1: General	EN 61937-1	2007 ²⁾
IEC 61937-3	- ¹⁾	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 3: Non-linear PCM bitstreams according to the AC-3 format	EN 61937-3	2003 ²⁾
IEC 61937-4	- ¹⁾	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 4: Non-linear PCM bitstreams according to the MPEG audio format	EN 61937-4	2003 ²⁾
IEC 61937-5	- ¹⁾	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 5: Non-linear PCM bitstreams according to the DTS (Digital Theater Systems) format(s)	EN 61937-5	2006 ²⁾
IEC 61937-6	- ¹⁾	Digital Audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 6: Non-linear PCM bitstreams according to the MPEG-2 AAC and MPEG-4 AAC audio formats	EN 61937-6	2006 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61937-7	- ¹⁾	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 7: Non-linear PCM bitstreams according to the ATRAC, ATRAC2/3 and ATRAC-X formats	EN 61937-7	2005 ²⁾
IEC 61937-8	- ¹⁾	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 8: Non-linear PCM bitstreams according to the Windows Media Audio (WMA) Professional format	EN 61937-8	2007 ²⁾
IEC 61937-9	- ¹⁾	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 9: Non-linear PCM bitstreams according to the MAT format	-	-
ISO/IEC 11172-3	- ¹⁾	Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 3: Audio	EN ISO/IEC 11172-3	1995 ²⁾
ISO/IEC 13818-3	- ¹⁾	Information technology - Generic coding of moving pictures and associated audio information - Part 3: Audio	EN ISO/IEC 13818-3	1996 ²⁾
ISO/IEC 13818-7	- ¹⁾	Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC)	-	-
ISO/IEC 14496-3	- ¹⁾	Information technology - Coding of audio-visual objects - Part 3: Audio	-	-
ITU-R Recommendation BS.1196	- ¹⁾	Audio coding for digital terrestrial television broadcasting	-	-

INTERNATIONAL STANDARD

IEC
61937-2

Second edition
2007-05

**Digital audio – Interface for non-linear
PCM encoded audio bitstreams
applying IEC 60958 –**

**Part 2:
Burst-Info**

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Commission Electrotechnique Internationale
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

DIGITAL AUDIO – INTERFACE FOR NON-LINEAR PCM ENCODED AUDIO BITSTREAMS APPLYING IEC 60958

Part 2: Burst-info

FOREWORD

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International Standard IEC 61937-2 has been prepared by Technical Area 4, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This second edition of IEC 61937-2 cancels and replaces the first edition published in 2000. This edition contains the following significant technical changes with respect to the previous edition.

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