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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Withdrawn

Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 1: General

Audionumérique – Interface pour les flux de bits audio à codage MIC non linéaire conformément à la CEI 60958 – Partie 1: Généralités

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IEC Central Office
3, rue de Varembé
CH-1211 Geneva 20
Switzerland
Email: inmail@iec.ch
Web: www.iec.ch

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Tél.: +41 22 919 02 11
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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Part 1: General

FOREWORD

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This consolidated version of IEC 61937-1 consists of the second edition (2007) [documents 100/1101/CDV and 100/1192/RVC] and its amendment 1 (2011) [documents 100/1810/CDV and 100/1883/RVC]. It bears the edition number 2.1.

The technical content is therefore identical to the base edition and its amendment and has been prepared for user convenience. A vertical line in the margin shows where the base publication has been modified by amendment 1. Additions and deletions are displayed in red, with deletions being struck through.

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International Standard IEC 61937-1 has been prepared by technical area 4: Digital system interfaces and protocols, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This second edition of IEC 61937-1 cancels and replaces the first edition published in 2000. This edition contains the following significant technical changes with respect to the previous edition.

a) The data-type field in Pc is expanded from bit 0-4 to bit 0-6.

b) A new additional definition of Pd is specified.

c) The numbers of times for symbol frequency are changed to refer to each part of IEC 61937.

d) The requirement for burst spacing is changed.

The bilingual version (2011-04) corresponds to the monolingual English version, published in 2007-01.

The French version of this standard has not been voted upon.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The list of all the parts of IEC 61937, under the general title *Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958* can be found on the IEC website.

The committee has decided that the contents of the base publication and its amendments 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

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INTRODUCTION
(to Amendment 1)

The revision of IEC 61937-1 (2007) has become necessary to specify the additional definition of length-code. Amendment 1 contains the following significant technical changes with respect to the base publication (IEC 61937-1, second edition).

– New 8-bytes unit definition of length-code is added.

– An erratum in Clause 7 as for indication of the burst-payload type is corrected.

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