

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**

The European Standard EN 61937-8:2007 has the status of a
British Standard

ICS 35.040

National foreword

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The UK participation in its preparation was entrusted to Technical Committee EPL/100, Audio, video and multimedia systems and equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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**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
(IEC 61937-8:2006)**

Audionumérique -
Interface pour les flux de bits audio
à codage MIC non linéaire,
conformément à la CEI 60958 -
Partie 8: Flux de bits MIC non linéaire
selon le format "Windows Media Audio
(WMA) Professional"
(CEI 61937-8:2006)

Digitalton -
Schnittstelle für nichtlinear PCM-codierte
Audio-Bitströme unter Verwendung
von IEC 60958 -
Teil 8: Nichtlineare PCM-Bitströme
nach dem Windows-Media-Audio(WMA)-
Professional-Format
(IEC 61937-8:2006)

This European Standard was approved by CENELEC on 2007-02-01. 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.

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CENELEC

European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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

Foreword

The text of the International Standard IEC IEC 61937-8:2006, prepared by Technical Area 4, Digital system interfaces, of IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the formal vote and was approved by CENELEC as EN 61937-8 on 2007-02-01 without any modification.

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Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC IEC 61937-8:2006 was approved by CENELEC as a European Standard without any modification.

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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

1 Scope

This part of IEC 61937 specifies the method for the digital audio interface specified in IEC 60958 to convey non-linear PCM bitstreams encoded in accordance with the WMA Professional format.

2 Normative references

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.

IEC 60958 (all parts), *Digital audio interface*

IEC 61937-1, *Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 1: General*

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

3 Terms, definitions and abbreviations

For the purposes of this document, the following terms, definitions, abbreviations and presentation convention apply.

3.1 Terms and definitions

3.1.1

latency

delay time of an external audio decoder to decode a WMA Professional data burst, defined as the sum of two values of the receiving delay time and the decoding delay time

3.2 Abbreviations

ATSC	Advanced Television Systems Committee
MPEG	The Moving Pictures Expert Group, a joint committee of ISO and IEC
ITU-R	International Telecommunication Union, Radio communication Bureau
WMA	Windows Media Audio