

INTERNATIONAL STANDARD

Digital audio – Interface for non-linear PCM encoded audio bitstreams applying
IEC 60958 –
Part 16: AVSA



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IEC 60958 –
Part 16: AVSA**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 33.160.30; 35.040.40

ISBN 978-2-8327-0025-9

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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AUDIO BITSTREAMS APPLYING IEC 60958 –**

Part 16: AVSA

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The text of this International Standard is based on the following documents:

Draft	Report on voting
100/4108/CDV	100/4164/RVC

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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

Part 16: AVSA

1 Scope

This part of IEC 61937 describes the method to convey non-linear PCM bitstreams encoded in accordance with the AVSA format.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 61937-1:2021, *Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 1: General*

IEEE Std 1857.8-2020, *IEEE Standard for Second Generation Audio Coding*

GB/T 33475.3, *Information technology – High efficiency media coding – Part 3: Audio*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 61937-1 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

AVSA frame

Audio stream defined in IEEE Std 1857.8 and GB/T 33475.3, where GB/T 33475.3 is an equivalent standard (a Chinese version of IEEE Std 1857.8)

3.2

AVSA BWE frame

AVSA bandwidth extension frame defined in IEEE Std 1857.8 and GB/T 33475.3, where GB/T 33475.3 is an equivalent standard (a Chinese version of IEEE Std 1857.8)

3.3

frame length

number of linear PCM audio samples per AVSA frame