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Part 5: Uncompressed audio in MPEG-4 file format

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Foreword

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

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Information technology — MPEG audio technologies —

Part 5:
Uncompressed audio in MPEG-4 file format

1 Scope

This document defines how uncompressed audio is carried in files in the family of standards based on the ISO base media file format. This includes mono, stereo and multi-channel audio in Linear Pulse Code Modulation (LPCM) format with various word lengths and sampling rates, and also floating point format. Such representations also occur in other container formats, such as RIFF WAV or AIFF.

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.

ISO/IEC 14496-12, *Information technology — Coding of audio-visual objects — Part 12: ISO base media file format*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 14496-12 and the following apply.

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

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

4 Technical overview

ISO/IEC 14496-12 shall be used as framework for the extensions described in this document. The extensions included in this document provide the necessary specifications to carry uncompressed audio in that framework.

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