
**Information technology — Coding of
audio-visual objects —**

**Part 26:
Audio conformance**

**AMENDMENT 3: Conformance for Low
Delay AAC v2 profile**

Technologies de l'information — Codage des objets audiovisuels —

Partie 26: Conformité audio

AMENDEMENT 3: Conformité pour profil Low Delay AAC v2



Reference number
ISO/IEC 14496-26:2010/Amd.3:2014(E)

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Published in Switzerland

Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 3 to ISO/IEC 14496-26:2010 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

It adds the conformance testing for the Low Delay AAC v2 profile defined in ISO/IEC 14496-3.

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In 2, Normative references, add:

ISO/IEC 23003-1, *Information technology — MPEG audio technologies — Part 1: MPEG Surround*

ISO/IEC 23003-2, *Information technology — MPEG audio technologies — Part 2: Spatial Audio Object Coding (SAOC)*

In 6.1, File name conventions, insert the following rows at the end of Table 2:

"

LD MPEG Surround (+ER AAC LD)	er_ad_ldmps_<coreSetup>	er_ad_ldmps_<coreSetup>
LD MPEG Surround (+ER AAC ELD)	er_eld_ldmps_<coreSetup>	er_eld_ldmps_<coreSetup>

"

After 7.25, Low Delay SBR, add:

7.26 Low Delay MPEG Surround

7.26.1 Compressed data

7.26.1.1 Characteristics

The Low Delay MPEG Surround tool can be used in combination with the ER AAC LD AOT and the ER AAC ELD AOT.

The compressed data shall be stored as outlined in ISO/IEC 14496-3:2009, 4.5.2.13. The extension_type for Low Delay MPS is EXT_LDSAC_DATA. The transport and signalling of LD MPS in an MPEG-4 Audio/Systems Environment is done in the same way as for the SAOC object type, as described in 8.2.2 of ISO/IEC 23003-2. LD MPS uses the AOT 44. The ldsac_extension_data() is used to carry a LDSacDataFrame() as described in B.4 of ISO/IEC 23003-2.

7.26.1.2 Test procedure

Each compressed data shall meet the syntactic and semantic requirements specified in ISO/IEC 23003-2:2010, Annex B. If a syntactic element is not listed below, no restrictions apply to that element.