

Digital audiobook file format and player requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 62571:2011 sisaldab Euroopa standardi EN 62571:2011 ingliskeelset teksti.

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Digital audiobook file format and player requirements
(IEC 62571:2011)

Exigences relatives au format de fichier de
livre audio et aux lecteurs
(CEI 62571:2011)

Digitales Dateiformat und Anforderungen
an Abspielgeräte von Hörbüchern
(IEC 62571:2011)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 100/1543/CDV, future edition 1 of IEC 62571, prepared by technical area 10, Multimedia e-publishing and e-book, of IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62571 on 2011-05-03.

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The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2012-02-03 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2014-05-03 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62571:2011 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

ISO/IEC 11172-3:1993	NOTE Harmonized as EN ISO 11172-3:1995 (not modified).
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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 639-1	-	Codes for the representation of names of languages - Part 1: Alpha-2 code	-	-
ISO 3166-1	-	Codes for the representation of names of countries and their subdivisions - Part 1: Country codes	EN ISO 3166-1	-
ISO 9660	1988	Information processing - Volume and file structure of CD-ROM for information interchange	-	-
ISO/IEC 11578	1996	Information technology - Open Systems Interconnection - Remote Procedure Call (RPC)	-	-

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DIGITAL AUDIOBOOK FILE FORMAT AND PLAYER REQUIREMENTS

1 Scope

This International Standard defines requirements and provides recommendations to publishers, software developers, content providers, and hardware manufacturers for the data structure, usability requirements, playback systems and delivery systems for audiobooks in digital file format. It should be noted that throughout this International Standard, the term audiobook is defined as any audio file or collection of audio files of primarily spoken word content that are played in a linear or specified order. Therefore, spoken word audio with occasional music, a narration of newspaper articles, or other similar spoken word audio is assimilated to audiobooks in this standard.

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.

ISO/IEC 11578:1996, *Information technology – Open Systems Interconnection – Remote Procedure Call (RPC)*

ISO 639-1, *Codes for the representation of names of languages – Part 1: Alpha-2 code*

ISO 3166-1, *Codes for the representation of names of countries and their subdivisions – Part 1: Country codes*

ISO 9660:1988, *Information processing – Volume and file structure of CD-ROM for information interchange*

3 General

This International Standard defines the audiobook file format structure for digital audiobook media. Goals in creating this International Standard include compatibility with music industry and multimedia standards as well as effectively presenting and navigating an audiobook. This International Standard is a compilation standard that straddles early binary architectures represented by earlier versions of CEA-2003¹, and newer XML architectures represented by the Optical Storage Technology Association's (OSTA) MusicPhotoVideo™² MPV). A conforming playback system and conforming audiobook content provides a wonderful and highly functional reading and listening experience. The goal of this International Standard is to create a broad, extensible standard for audiobook publishers, audiobook device manufacturers, and audiobook software developers in order to create the best listening experience for the audiobook consumer. An overview follows.

OSTA MultiAudio defines a binary file be placed in the root of the file format structure on a CD/MP3. The TOC.MAU serves as the table of contents for the associated MP3 files on a

¹ See Bibliography.

² MusicPhotoVideo is the trade name of a program supplied by the Optical Storage Technology Association. This information is given for the convenience of users of this document and does not constitute an endorsement by IEC of the program named.