

Multimedia systems and equipment - Multimedia E-publishing and E-books - Generic format for E-publishing

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 62448:2009 sisaldab Euroopa standardi EN 62448:2009 ingliskeelset teksti.

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**Multimedia systems and equipment -
Multimedia E-publishing and E-books -
Generic format for E-publishing
(IEC 62448:2009)**

Systèmes et appareils multimédia -
Edition électronique multimédia
et livres électroniques -
Format générique
relatif à l'édition électronique
(CEI 62448:2009)

Multimediasysteme und -geräte -
E-Publishing und E-Books
für Multimedia-Anwendungen -
Allgemeines Format für E-Publishing
(IEC 62448:2009)

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CENELEC

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

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 100/1386A/CDV, future edition 2 of IEC 62448, 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 62448 on 2009-07-01.

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) 2010-04-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2012-07-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62448:2009 was approved by CENELEC as a European Standard without any modification.

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>
IEC/TS 62229	2006	Multimedia systems and equipment - Multimedia e-publishing and e-book - Conceptual model for multimedia e-publishing	-	-
ISO 639	Series	Codes for the representation of names of languages	-	-
ISO 3166-1	- ¹⁾	Codes for the representation of names of countries and their subdivisions - Part 1: Country codes	-	-
ISO 8601	- ¹⁾	Data elements and interchange formats - Information interchange - Representation of dates and times	-	-
ISO/IEC 646	- ¹⁾	Information technology - ISO 7-bit coded character set for information interchange	-	-
ISO/IEC 10646	2003	Information technology - Universal	-	-
A1	2005	multiple-octet coded character set (UCS)	-	-
A2	2006		-	-
A3	2008		-	-
A4	2008		-	-
A5	2008		-	-
ISO/IEC 19757-2	2003 ²⁾	Information technology - Document Schema	-	-
A1	2006	Definition Language (DSDL) - Part 2: Regular-grammar based validation - RELAX NG	-	-

¹⁾ Undated reference.

²⁾ ISO/IEC 19757-2 + A1 are superseded by ISO/IEC 19757-2:2008.

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INTRODUCTION

Markets for multimedia e-book and e-publishing require standardization of formats for e-book data interchange among associated people; authors, data preparers, publishers and readers. The formats are classified into submission format, generic format and reader's format. The submission format has to support an interaction between authors and data preparers. The reader's format depends on e-publishing equipment. The generic format has to provide an interchange format for data preparers and publishers and therefore should be e-publishing equipment independent.

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MULTIMEDIA SYSTEMS AND EQUIPMENT – MULTIMEDIA E-PUBLISHING AND E-BOOKS – GENERIC FORMAT FOR E-PUBLISHING

1 Scope

This International Standard specifies a generic format for multimedia e-publishing employed for e-book data interchange among data preparers and publishers, satisfying a number of publishers requirements: revisable, extensible and heterogeneous logical structure.

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/TS 62229:2006, *Multimedia systems and equipment – Multimedia e-publishing and e-book – Conceptual model for multimedia e-publishing*

ISO 639(all parts), *Codes for the representation of names of languages*

ISO 646, *Information technology – ISO 7-bit-coded character set for information interchange*

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

ISO 8601, *Data elements and interchange formats – Information interchange – Representation of dates and times*

ISO/IEC 10646, *Information technology – Universal Multiple-Octet Coded Character Set (UCS)*

Amendment 1 (2005)

Amendment 2 (2006)

Amendment 3 (2008)

Amendment 4 (2008)

Amendment 5 (2008)

ISO/IEC 19757-2:2003, *Information technology – Document Schema Definition Language (DSDL) – Part 2: Regular-grammar based validation – RELAX NG*

Amendment 1 (2006)

3 Terms and definitions

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

3.1

multimedia e-book

multimedia content consisting of texts, graphics, sounds and/or videos

[IEC 62229, 3.2]