

**Multimedia systems and equipment - Multimedia
e-publishing and e-books - Generic format for
e-publishing**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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|---|--|
| See Eesti standard EVS-EN 62448:2014 sisaldab Euroopa standardi EN 62448:2014 inglisekeelset teksti. | This Estonian standard EVS-EN 62448:2014 consists of the English text of the European standard EN 62448:2014. |
| Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas. | This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation. |
| Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.04.2014. | Date of Availability of the European standard is 18.04.2014. |
| Standard on kättesaadav Eesti Standardikeskusest. | The standard is available from the Estonian Centre for Standardisation. |

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English version

**Multimedia systems and equipment -
Multimedia e-publishing and e-books -
Generic format for e-publishing
(IEC 62448:2013)**

Systèmes et équipements multimédia -
Publication et livres électroniques
multimédia -
Format générique pour la publication
électronique
(CEI 62448:2013)

Multimediasysteme und -geräte -
E-Publishing und E-Books für Multimedia-
Anwendungen -
Allgemeines Format für E-Publishing
(IEC 62448:2013)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 100/2053/CDV, future edition 3 of IEC 62448, prepared by technical area 10, "Multimedia e- publishing and e-book technologies", of IEC/TC 100, "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62448:2014.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2014-10-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-01-01

This document supersedes EN 62448:2009.

EN 62448:2014 includes the following significant technical changes with respect to EN 62448:2009:

- a) Addition of Annex C;
- b) Related minor changes in Clause 6;
- c) Updates in Annex B.

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Endorsement notice

The text of the International Standard IEC 62448:2013 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62605:2011 NOTE Harmonised as EN 62605:2011 (not modified).

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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 documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 19757-2:2008, *Information technology – Document Schema Definition Language (DSDL) – Part 2: Regular-grammar-based validation – RELAX NG*

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*

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

[SOURCE: IEC 62229:2006, 3.2]

3.2

data preparer

organization or person that prepares an e-book

Note 1 to entry: An editor is an example of a preparer.

[SOURCE: IEC 62229:2006, 3.3]

3.3

publisher

organization or person that issues and distributes an e-book

[SOURCE: IEC 62229:2006, 3.4]