

STN	Multimediálne systémy a zariadenia. Multimediálne e-publikovanie a e-knihy. Všeobecný formát na e-publikovanie.	STN EN 62448 35 8067
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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/14

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NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62448

April 2014

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Supersedes EN 62448:2009

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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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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-01-01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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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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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

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/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	-	-

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels



IEC 62448

Edition 3.0 2013-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

**Systèmes et équipements multimédia – Publication et livres électroniques
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IEC 62448

Edition 3.0 2013-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

**Systèmes et équipements multimédia – Publication et livres électroniques
multimédia – Format générique pour la publication électronique**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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MULTIMEDIA E-PUBLISHING AND E-BOOKS –
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International Standard IEC 62448 has been prepared by technical area 10: Multimedia e-publishing and e-book technologies, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This third edition cancels and replaces the second edition, published in 2009. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- Addition of Annex C;
- Related minor changes in Clause 6;
- Updates in Annex B.

The text of this standard is based on the following documents:

CDV	Report on voting
100/2053/CDV	100/2132/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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- amended.

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.

The International Electrotechnical Commission (IEC) draws attention to the fact that it is claimed that compliance with this document may involve the use of patents.

Sony Corporation has informed IEC that it has patent applications or granted patents.

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Sony Corporation

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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*

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