BS EN 62448:2014



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

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The UK participation in its preparation was entrusted to Technical Committee EPL/100, Audio, video and multimedia systems and equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2017-01-01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

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.

Publication	Year	Title	EN/HD	Year
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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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]