

Multimedia home server systems — Interchangeable volume/file structure adaptation for broadcasting receivers —

Part 1: General description and architecture

The European Standard EN 62328-1:2005 has the status of a
British Standard

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National foreword

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**Multimedia home server systems –
Interchangeable volume/file structure
adaptation for broadcasting receivers
Part 1: General description and architecture
(IEC 62328-1:2005)**

Systèmes de serveurs multimédia
grand public –
Adaptation aux récepteurs
de radiodiffusion des structures
de volumes/fichiers interchangeables
Partie 1: Description générale
et architecture
(CEI 62328-1:2005)

Multimediaserver für den Heimgebrauch –
Anpassung der austauschbaren
Datenträger-/Dateistruktur für
Rundfunkempfänger
Teil 1: Allgemeine Beschreibung
und Architektur
(IEC 62328-1:2005)

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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 100/963A/FDIS, future edition 1 of IEC 62328-1, prepared by 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 62328-1 on 2005-08-01.

The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented
at national level by publication of an identical
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| – latest date by which the national standards conflicting
with the EN have to be withdrawn | (dow) | 2008-08-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62328-1:2005 was approved by CENELEC as a European Standard without any modification.

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INTRODUCTION

Broadcast data in a transport stream can contain multiple associated objects. When that data is distributed on interchangeable storage media, for example, optical disks, the associated objects should be synchronized. Open distribution of the media requires that the data be adapted to a standardized volume and file structure, which should conform to the existing basic volume and file structure.

MULTIMEDIA HOME SERVER SYSTEMS– INTERCHANGEABLE VOLUME/FILE STRUCTURE ADAPTATION FOR BROADCASTING RECEIVERS –

Part 1: General description and architecture

1 Scope

This part of IEC 62328 defines the volume and file structure required for interchanging multimedia data of a home server/broadcasting receiver, which consists of an AV stream with multiple associated objects.

This part of IEC 62328 specifies references, definitions, abbreviations, notation and bibliography that apply to this and the other three parts. It also specifies requirements, design considerations and content architecture.

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 62328-2: *Multimedia home server systems – Interchangeable volume/file structure adaptation for broadcasting receivers – General recording structure*

IEC 62328-3: *Multimedia home server systems – Interchangeable volume/file structure adaptation for broadcasting receivers – Broadcasting system specific recording structure – ISDB* ²

ISO/IEC 13818 (all parts), *Information technology – Generic coding of moving pictures and associated audio information*

ISO/IEC 13818-1:2000, *Information technology – Generic coding of moving pictures and associated audio information: Systems*

IEEE 1394:2003, *IEEE standard for a high performance serial bus peer-to-peer data transport protocol (PPDT)*

3 Terms and definitions

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

3.1 action

duration from start to end defined by a user or equipment