SLOVENSKI STANDARD
SIST EN 62702-1-1:2016

01-oktober-2016

Sistem zvočnega arhiva - 1-1. del: DVD-plošča in prenos podatkov za dolgoročno hrambo zvočnih podatkov (IEC 62702-1-1:2016)

Audio Archive System - Part 1-1: DVD disk and data migration for long term audio data storage (IEC 62702-1-1:2016)

Audio Archivierungssystem - Teil 1-1: DVD Disk und Datenmigration für die Langzeit Audiodaten Speicherung (IEC 62702-1-1:2016)

Système d'archivage audio - Partie 1-1: Disque DVD et migration de données pour le stockage à long terme des données audio (IEC 62702-1-1:2016)

Ta slovenski standard je istoveten z: **EN 62702-1-1:2016**

ICS:

33.160.30	Avdio sistemi	Audio systems
35.220.30	Optične shranjevalne naprave	Optical storage devices

SIST EN 62702-1-1:2016 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 62702-1-1

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ICS 33.160.30; 35.220.30

English Version

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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

Ref. No. EN 62702-1-1:2016 E

European foreword

The text of document 100/2449/CDV, future edition 1 of IEC 62702-1-1, prepared by Technical Area 6 “Storage media, storage data structures, storage systems and equipment” 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 62702-1-1:2016.

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)	2017-03-16
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2019-06-16

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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 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
ISO/IEC 16448	2002	Information technology - 120 mm DVD - Read-only disk	-	-
ISO/IEC 16963	-	Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of lifetime of optical disks for long-term data storage	-	-
ISO/IEC 29121	-	Information technology - Digitally recorded media for information interchange and storage - Data migration method for DVD-R, DVD-RW, DVD-RAM, +R, and +RW disks	-	-

IEC 62702-1-1

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Audio archive system –
Part 1-1: DVD disk and data migration for long term audio data storage

Système d'archivage audio –
Partie 1-1: Disque DVD et migration de données pour le stockage à long terme des données audio

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AUDIO ARCHIVE SYSTEM –

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FOREWORD

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International Standard IEC 62702-1-1 has been prepared by technical area 6: Storage media, storage data structures, storage systems and equipment, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

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

CDV	Report on voting
100/2449/CDV	100/2518/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.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

INTRODUCTION

Sound recordings such as music, speech, and storytelling are an important human heritage and should be preserved for as long as possible. However, we were not able to record sounds in order to preserve them in the past. The first recoding was achieved by Edison in 1877.

Although various technologies were invented later, most of them have limitations for audio archives because storage life time is limited and the sound quality deteriorates when it is transferred to the next generation storage device.

The progress of LSI technology made digital recording of recorded sound possible. The digital recording is very suitable for audio archiving because the migration is performed by copying digital data.

For this purpose various recording materials exist, such as optical disks, magnetic disks, magnetic tape and nonvolatile memory such as a phase change memory.

This International Standard specifies physical and logical aspects for a standard of audio archives of various storage types which are typically used for audio archives in markets.

The IEC 62702 series currently consists of:

Part 1 specifies the minimum requirements on physical aspects of optical disks for digital sound recordings. Part 1-1 specifies DVD optical disks, and Part 1-2 specifies BD optical disks.

Part 2 specifies the minimum requirements for digitization of content, format of digitised content, content information and media inspection.