SLOVENSKI STANDARD
SIST EN 61938:2019

01-april-2019

Nadomešča:
SIST EN 61938:2013

Večpredstavnostni sistemi - Navodilo za priporočene karakteristike analognih vmesnikov, ki omogočajo medobratovalnost

Multimedia systems - Guide to the recommended characteristics of analogue interfaces to achieve interoperability (GMT)

Multimedia Systeme - Leitfaden für empfohlene Charakteristika analoger Schnittstellen zur Erreichung von Kompatibilität

Systèmes multimédia - Guide des caractéristiques recommandées des interfaces analogiques permettant d'obtenir l'interopérabilité

Ta slovenski standard je istoveten z: **EN IEC 61938:2018**

ICS:

33.160.60	Večpredstavni (multimedijski) sistemi in oprema za telekonference	Multimedia systems and teleconferencing equipment
35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

SIST EN 61938:2019 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61938

March 2018

ICS 33.160.01; 35.200

Supersedes EN 61938:2013

English Version

Multimedia systems - Guide to the recommended characteristics of analogue interfaces to achieve interoperability (IEC 61938:2018)

Systèmes multimédia - Guide des caractéristiques recommandées des interfaces analogiques permettant d'obtenir l'interopérabilité (IEC 61938:2018)

Multimedia Systeme - Leitfaden für empfohlene Charakteristika analoger Schnittstellen zur Erreichung von Kompatibilität (IEC 61938:2018)

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CENELEC

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN IEC 61938:2018 E

European foreword

The text of document 100/2879/CDV, future edition 3 of IEC 61938, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61938:2018.

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)	2018-11-16
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2021-02-16

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 61938:2018 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 60027 (series)	NOTE	Harmonized as EN 60027 (series).
IEC 60130-9	NOTE	Harmonized as EN 60130-9.
IEC 61293:1994	NOTE	Harmonized as EN 61293:1994 (not modified).
IEC 62368-1:2014	NOTE	Harmonized as EN 62368-1:2014 (modified).

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

NOTE 1 Where 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
IEC 60038	-	IEC standard voltages	EN 60038	-
IEC 60094-2	-	Magnetic tape sound recording and reproducing systems - Part 2: Calibration tapes	EN 60094-2	-
IEC 60268-1	-	Sound system equipment - Part 1: General	HD 483.1 S2	-
IEC 60268-3	-	Sound system equipment - Part 3: Amplifiers	EN 60268-3	-
IEC 60268-5	-	Sound system equipment - Part 5: Loudspeakers	EN 60268-5	-
IEC 60268-7	2010	Sound system equipment - Part 7: Headphones and earphones	EN 60268-7	2011
IEC 60268-11	1987	Sound system equipment - Part 11: Application of connectors for the interconnection of sound system components	HD 483.11 S1	1990
+ A1	1989		HD 483.11 S2	1991
+ A2	1991		HD 483.11 S3	1993
IEC 60268-12	-	Sound system equipment - Part 12: Application of connectors for broadcast and similar use	EN 60268-12	-
IEC 60603-11	1992	Connectors for frequencies below 3 MHz for use with printed boards - Part 11: Detail specification for concentric connectors (dimensions for free connectors and fixed connectors)	-	-
IEC 60958	series	Digital audio interface	EN 60958	series
ITU-R BT.1700	2005	Characteristics of composite video signals for conventional analogue television systems	-	-

IEC 61938

Edition 3.0 2018-01

INTERNATIONAL STANDARD

Multimedia systems – Guide to the recommended characteristics of analogue interfaces to achieve interoperability

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ICS 33.160.01, 35.200

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Warning! Make sure that you obtained this publication from an authorized distributor.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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MULTIMEDIA SYSTEMS – GUIDE TO THE RECOMMENDED CHARACTERISTICS OF ANALOGUE INTERFACES TO ACHIEVE INTEROPERABILITY

FOREWORD

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International Standard IEC 61938 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

This third edition cancels and replaces the second edition published in 2013. This edition constitutes a technical revision.

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

a) electric tolerance is standardized;
b) recommended value of output source impedance is adjusted;
c) value of 6 Ω is additionally recommended to impedance-defined loudspeaker systems;
d) values in each table are chosen with respect to the state of the art and representative of best practice in industry.

The text of this International Standard is based on the following documents:

CDV	Report on voting
100/2879/CDV	100/2996/RVC

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

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

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

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

A bilingual version of this publication may be issued at a later date.