



SLOVENSKI STANDARD

SIST EN 61213:1999

01-april-1999

Analogue audio recording on video tape - Polarity of magnetization (IEC 61213:1993)

Analogue audio recording on video tape - Polarity of magnetization

Analoge Tonaufzeichnung auf Videoband - Polarität der Magnetisierung

Enregistrement audio-analogique sur bande vidéo - Polarité de magnétisation

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Ta slovenski standard je istoveten z: EN 61213:1994

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ICS:

33.160.40	Video sistemi	Video systems
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UDC 621.397.454

Descriptors: Electroacoustics, sound recording, signal processing, analog signal, polarization, magnetism, magnetic tapes, tests

ENGLISH VERSION

Analogue audio recording on video tape - Polarity
of magnetization
(IEC 1213:1993)

Enregistrement audio-analogique
sur bande vidéo - Polarité de
magnétisation
(CEI 1213:1993)

Analoge Tonaufzeichnung auf
Videoband - Polarität der
Magnetisierung
(IEC 1213:1993)

This European Standard was approved by CENELEC on 1993-12-08.
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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

FOREWORD

The text of document 60B(CO)155, as prepared by Sub-Committee 60B: Video recording, of IEC Technical Committee 60: Recording, was submitted to the IEC-CENELEC parallel vote in February 1993.

The reference document was approved by CENELEC as EN 61213 on 8 December 1993.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1994-12-01
- latest date of withdrawal of
conflicting national standards (dow) 1994-12-01

Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given only for information. In this standard, annex A is informative and annex ZA is normative.

ENDORSEMENT NOTICE

The text of the International Standard IEC 1213:1993 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

NOTE : When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication	Date	Title	EN/HD	Date
268-2	1987	Sound system equipment	HD 483.2 S2	1993
A1	1991	Part 2: Explanation of general terms and calculation methods		
268-11	1987	Part 11: Application of connectors	HD 483.11 S3	1993
A1	1989	for the interconnection of sound		
A2	1991	system components		
268-12	1987	Part 12: Application of connectors	HD 483.12 S2	1993
A1	1991	for broadcast and similar use		

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
1213

Première édition
First edition
1993-12

Enregistrement audio-analogique sur
bande vidéo –
Polarité de magnétisation

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ANALOGUE AUDIO RECORDING
ON VIDEO TAPE –
POLARITY OF MAGNETIZATION**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

International Standard IEC 1213 has been prepared by sub-committee 60B: Video recording, of IEC technical committee 60: Recording.

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

DIS	Report on voting
60B(CO)155	60B(CO)164

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

Annex A is for information only.

ANALOGUE AUDIO RECORDING ON VIDEO TAPE – POLARITY OF MAGNETIZATION

1 Scope

This International Standard applies to audio recording and processing, and gives requirements for the preservation of signal polarity, together with methods of test which are not already included in other standards.

It is based on, and consistent with, the relevant text in IEC 268-2, and the connector applications standardized in IEC 268-11 and IEC 268-12.

NOTE - Polarity characteristics of audio transducers are dealt with in IEC 268-4, IEC 268-5 and IEC 268-9.

2 Normative references

The following normative documents contain provisions which, through reference in the text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

[SIST EN 61213:1999](#)

IEC 268-2: 1987, *Sound system equipment – Part 2: Explanation of general terms and calculation methods*
Amendment 1 (1991)

IEC 268-11: 1987, *Sound system equipment – Part 11: Application of connectors for the interconnection of sound system components*

Amendment 1 (1989)
Amendment 2 (1991)

IEC 268-12: 1987, *Sound system equipment – Part 12: Application of connectors for broadcast and similar use*
Amendment 1 (1991)

3 General

For explanations of terms, general characteristics to be specified and methods of measurement, reference is required to IEC 268-2.

The preservation of signal polarity in audio recording and processing equipment is important for two main reasons:

- a) the polarity relationship between channels of a stereo pair or multichannel set of signals is of fundamental importance in the correct re-creation of the sound field;