
Reference tapes for video tape recorder systems (IEC 61105:1991)

Reference tapes for video tape recorder systems

Referenzleerbänder für Videoaufzeichnungssysteme

Bandes de référence pour les systèmes de magnétoscope

Ta slovenski standard je istoveten z: EN 61105:1993[SIST EN 61105:1999](https://standards.iteh.ai/catalog/standards/sist/a48e3105-aa29-46ae-a489-678bf168b845/sist-en-61105-1999)<https://standards.iteh.ai/catalog/standards/sist/a48e3105-aa29-46ae-a489-678bf168b845/sist-en-61105-1999>**ICS:**

33.160.30 Avdio sistemi Audio systems

SIST EN 61105:1999**en**

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UDC 621.397.452

Descriptors: Video recording, recording apparatus, video recorder,
magnetic tape, characteristics, format, compatibility

ENGLISH VERSION

Reference tapes for video tape recorder systems
(IEC 1105:1991)

Bandes de référence pour les
systèmes de magnétoscope
(CEI 1105:1991)

Referenzleerbänder für
Videoaufzeichnungssysteme
(IEC 1105:1991)

This European Standard was approved by CENELEC on 1993-09-22.
CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations
which stipulate the conditions for giving this European Standard the status of
a national standard without any alteration.

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
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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 CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 1105:1991 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 61105 on 22 September 1993.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1994-09-01
- latest date of withdrawal of conflicting national standards (dow) 1994-09-01

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

ENDORSEMENT NOTICE

The text of the International Standard IEC 1105:1991 was approved by CENELEC as a European Standard without any modification.

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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
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558	1982	Type C helical video tape recorders	HD 573 S1*	1990
602	1980	Type B helical video recorders	HD 574 S1*	1990
698	1981	Measuring methods for television tape machines	HD 439 S1	1983
735	1991	Measuring methods for video tape properties	EN 60735	1991
767	1983	Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type beta format	HD 461 S1	1987
774	1983	Helican-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS	HD 463 S1	1987
843	1987	Helical-scan video tape cassette system using 8 mm magnetic tape - Video 8	HD 531 S1	1989
1016	1989	Helical-scan digital component video cassette recording system using 19 mm magnetic tape (format D-1)	-	-

* HD 573 S1 includes A1:1987 to IEC 558
HD 574 S1 includes A1:1987 to IEC 602

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

61105

Première édition
First edition
1991-12

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les systèmes de magnétoscope**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

REFERENCE TAPES FOR VIDEO RECORDER SYSTEMS

FOREWORD

- 1) 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.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.
- 4) The IEC has not laid down any procedure concerning marking as an indication of approval and has no responsibility when an item of equipment is declared to comply with one of its recommendations.

[SIST EN 61105:1999](https://standards.iteh.ai/catalog/standards/sist/a48e3105-a329-469e-a489-678b1f68b845/sist-en-61105-1999)

This International Standard has been prepared by Sub-Committee 60B: Video recording, of IEC Technical Committee No. 60: Recording.

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

DIS	Report on Voting
60B(CO)121	60B(CO)131

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

Annex A forms an integral part of this International Standard.

Annex B is for information only.

REFERENCE TAPES FOR VIDEO TAPE RECORDER SYSTEMS

1 Scope

This International Standard describes the general requirements for reference tapes applicable to various video tape recorder (VTR) formats.

The object of this standard is to enable users of magnetic recording systems to compare technical product data from different manufacturers and to enable compatibility within the VTR format.

Currently available VTRs, adjusted with the IEC reference tape appropriate to the corresponding IEC VTR standard, should give satisfactory results with currently available tapes.

The information within this standard covers existing IEC formats. For future formats the corresponding information will be included in the IEC standard which defines the individual system.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards 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 standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 558: 1982, *Type C helical video tape recorders*.

IEC 602: 1980, *Type B helical video recorders*.

IEC 698: 1981, *Measuring methods for television tape machines*.

IEC 735: 1991, *Measuring methods for video tape properties*.

IEC 767: 1983, *Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type beta format*.

IEC 774: 1983, *Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS*.

IEC 843: 1987, *Helical-scan video tape cassette system using 8 mm magnetic tape - Video 8*.

IEC 1016: 1989, *Helical-scan digital component video cassette recording system using 19 mm magnetic tape (format D-1)*.