



SLOVENSKI STANDARD

SIST EN 60774-3:1999

01-april-1999

Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS -- Part 3: S-VHS (IEC 60774-3:1993)

Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS -- Part 3: S-VHS

Video-Bandkassettensystem mit Schrägspuraufzeichnung auf Magnetband 12,65 mm (0,5 in) VHS-Format -- Teil 3: S-VHS

Système de magnétoscope à cassette à balayage hélicoïdal utilisant la bande magnétique de 12,65 mm (0,5 in) format VHS -- Partie 3: S-VHS

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Ta slovenski standard je istoveten z: EN 60774-3:1993

ICS:

33.160.40 Video sistemi Video systems

SIST EN 60774-3:1999 **en**

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EUROPEAN STANDARD

EN 60774-3

NORME EUROPEENNE

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Descriptors: Video recording, electroacoustic equipment, videorecorder, magnetic tapes, cassettes for magnetic tapes, recording characteristics

ENGLISH VERSION

Helical-scan video tape cassette system using
12,65 mm (0,5 in) magnetic tape on type VHS
Part 3: S-VHS
(IEC 774-3:1993)

Système de magnétoscope à
cassette à balayage hélicoïdal
utilisant la bande magnétique de
12,65 mm (0,5 in) format VHS
Partie 3: S-VHS
(CEI 774-3:1993)

Video-Bandkassettensystem mit
Schrägschraufzeichnung auf
Magnetband 12,65 mm (0,5 in)
VHS-Format
Teil 3: S-VHS
(IEC 774-3:1993)

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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 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)143, as prepared by Sub-Committee 60B: Video recording, of IEC Technical Committee No. 60: Recording, was submitted to the IEC-CENELEC parallel vote in October 1992.

The reference document was approved by CENELEC as EN 60774-3 on 22 September 1993.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1994-10-01
- latest date of withdrawal of
conflicting national standards (dow) 1994-10-01

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.

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ENDORSEMENT NOTICE

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The text of the International Standard IEC 774-3:1993 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
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756	1991	Non-broadcast video tape recorders Time base stability	EN 60756	1993
774	1983	Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS	HD 463 S1	1987
774-1	-	Part 1: General (under consideration)	-	-
774-2	-	Part 2: FM audio recording (under consideration)	-	-
1041-1	1990	Non-broadcast video tape recorders - Methods of measurement - Part 1: General video (NTSC/PAL) and audio (longitudinal) characteristics	HD 619 S1	1992
1041-3	-	Part 3: Audio characteristics for FM recording (under consideration)	-	-
1054	1991	Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS - FM audio recording	EN 61054	1993

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NORME
INTERNATIONALE
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CEI
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774-3

Deuxième édition
Second edition
1993-10

**Système de magnétoscope à cassette
à balayage hélicoïdal utilisant la bande
magnétique de 12,65 mm (0,5 in) format VHS**

**Partie 3:
S-VHS**

STANDARD PREVIEW
(standards.iteh.ai)

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

**Part 3:
S-VHS**

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International Electrotechnical Commission
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HELICAL-SCAN VIDEO TAPE CASSETTE SYSTEM
USING 12,65 mm (0,5 in) MAGNETIC TAPE
ON TYPE VHS**

Part 3: S-VHS

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a world-wide 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 774-3 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)143	60B(CO)163

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

IEC 774 (second edition) consists of the following parts, under the general title: Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS.

- Part 1: General
- Part 2: FM audio recording
- Part 3: S-VHS
- Part 4: PCM audio recording (in preparation)

Annex A forms an integral part of this standard.

Annex B is for information only.

HELICAL-SCAN VIDEO TAPE CASSETTE SYSTEM USING 12,65 mm (0,5 in) MAGNETIC TAPE ON TYPE VHS

Part 3: S-VHS

SECTION 1: GENERAL

1.1 Scope

This part of International Standard IEC 774 (second edition) applies to magnetic video recording on 12,65 mm (0,5 in) wide tape using the wide band VHS recording system. The basic S-VHS video cassette and the compact S-VHS video cassette are defined as well as the necessary parameters and characteristics for the recordings. The requirements relate to the 525 line-60 field and 625 line-50 field TV systems.

Equipment manufactured according to this part of IEC 774 and tapes recorded following this part provide the necessary interchangeability of recorded video cassettes.

1.2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 774. At the time of publication of this standard, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 774 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.

IEC 756: 1991, *Non-broadcast video tape recorders – Time base stability.*

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

IEC 774-1: 199x, *Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS – Part 1: General*

IEC 774-2: 199x, *Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS – Part 2: FM audio recording (under consideration)*

IEC 1041-1: 1990, *Non-broadcast video tape recorders – Methods of measurement – Part 1: General video (NTSC/PAL) and audio (longitudinal) characteristics*

IEC 1041-3: 199x, *Non-broadcast video tape recorders – Methods of measurement – Part 3: Audio characteristics for FM recording (under consideration)*

IEC 1054: 1991, *Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS – FM audio recording*