

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

Part 4: S-VHS video cassette system — ET-mode

The European Standard EN 60774-4:2003 has the status of a
British Standard

ICS 33.160.40

National foreword

This British Standard is the official English language version of EN 60774-4:2003. It is identical with IEC 60774-4:2002.

The UK participation in its preparation was entrusted to Technical Committee EPL/100, Audio, video and multimedia systems, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 10, an inside back cover and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

Amendments issued since publication

Amd. No.	Date	Comments

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 26 August 2004

© BSI 26 August 2004

ISBN 0 580 44328 0

**Helical-scan video tape cassette system
using 12,65 mm (0,5 in) magnetic tape on type VHS —
Part 4: S-VHS video cassette system —
ET-mode
(IEC 60774-4:2002)**

Système de magnétoscope à cassette
à balayage hélicoïdal utilisant la bande
magnétique de 12,65 mm (0,5 in)
format VHS
Partie 4: Système de cassette vidéo
S-VHS – Mode ET
(CEI 60774-4:2002)

Videoband-Kassettensystem mit
Schrägschraufzeichnung auf Magnetband
12,65 mm (0,5 in) VHS-Format
Teil 4: S-VHS-Video-Kassettensystem -
ET-Mode
(IEC 60774-4:2002)

This European Standard was approved by CENELEC on 2003-04-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 the International Standard IEC 60774-4:2002, prepared by IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the formal vote and was approved by CENELEC as EN 60774-4 on 2003-04-01 without any modification.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2004-04-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2006-04-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60774-4:2002 was approved by CENELEC as a European Standard without any modification.

CONTENTS

1	Scope	4
2	Normative references.....	4
3	Terms and definitions	4
4	Applicable video cassette recorder	4
5	Applicable video cassette	4
6	Video signal recording	5
6.1	Main pre-emphasis characteristics.....	5
6.2	Clipping level.....	5
6.3	FM signal recording head current.....	5
6.4	Converted chrominance signal recording level	6
7	Cassette discrimination system.....	6
Annex ZA (normative) Normative references to international publications with their corresponding European publications		10
Figure 1 – Compensation filter response for 525 line-60 field signals		6
Figure 2 – Pre-emphasis frequency response for 525 line-60 field signals.....		7
Figure 3 – Compensation filter response for 625 line-50 field signals		8
Figure 4 – Pre-emphasis frequency response for 625 line-50 field signals.....		9