

BRITISH STANDARD

**BS 7434 :
Part 3 : 1994
IEC 1041-3 :
1993**

Methods of measurement for

Non-broadcast video tape recorders

**Part 3. Audio characteristics for FM
recording**

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Electrotechnical Sector Board to Technical Committee EEL/22, upon which the following bodies were represented:

- Association of Professional Recording Services Ltd.
- Audio Engineering Society
- British Broadcasting Corporation
- British Kinematograph, Sound and Television Society
- British Tape Industry Association
- Federation of the Electronics Industry
- Independent Television Association
- National Council for Educational Technology (NCET)
- Royal Photographic Society
- Royal Television Society

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 December 1994

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The following BSI references relate to the work on this standard:
Committee reference EEL/22
Draft for comment 88/25852 DC

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Amendments issued since publication

Amd. No.	Date	Text affected

Amendment No. 1
published and effective from 15 December 1995
to BS 7434 : Part 3 : 1994

Methods of measurement for non-broadcast videotape
recorders
Part 3. Audio characteristics for FM recording

NOTE. The European Committee for Electrotechnical Standardization (CENELEC) has accepted IEC 1041-3 : 1993 as a European Standard designated as EN 61041-3 : 1995. This amendment implements EN 61041-3 : 1995 as a British Standard in the BS EN series.

Implementation of European Standard

Front cover

Delete the outside front cover and substitute the attached.

AMD 8933/December 1995

National foreword

At the end of paragraph 1 insert the following paragraph.

In 1995 the European Committee for Electrotechnical Standardization (CENELEC) accepted IEC 1041-3 : 1993 as European Standard EN 61041-3 : 1995. As a consequence of implementing the European Standard, this British Standard is renumbered as BS EN 61041-3 and any reference to BS 7434 : Part 3 should be read as a reference to BS EN 61041-3. The original number BS 7434 : Part 3 has been retained as a secondary identifier.

AMD 8933/December 1995

EN title page and foreword

Immediately after the national foreword, insert the attached EN title page and foreword page.

AMD 8933/December 1995

New annex ZA

Immediately after annex A, insert the attached new annex ZA.

AMD 8933/December 1995

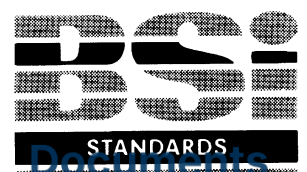
Non-broadcast video tape recorders — Methods of measurement

Part 3. Audio characteristics for FM recording

The European Standard EN 61041-3 : 1995 has the status of a
British Standard

ICS 33.160.40

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Descriptors: Recording apparatus, video tape recorder, measurements, sound recording, frequency modulation, high fidelity systems, noise reduction, testing conditions, recording characteristics, standard measures

English version

Non-broadcast videotape recorders
Methods of measurement
Part 3: Audio characteristics for FM recording
(IEC 1041-3 : 1993)

Magnétoscopes hors radiodiffusion
Méthodes de mesure
Partie 3: Caractéristiques audio pour
l'enregistrement MF
(CEI 1041-3 : 1993)

Videobandgeräte für den Gebrauch außerhalb des
Rundfunks
Meßverfahren
Teil 3: Ton-Eigenschaften bei FM-Aufzeichnung
(IEC 1041-3 : 1993)

This European Standard was approved by CENELEC on 1995-05-15. 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 the International Standard IEC 1041-3 : 1993, prepared by SC 60B, Video recording, of IEC TC 60, Recording, was submitted to the formal vote and was approved by CENELEC as EN 61041-3 on 1995-05-15 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) 1996-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-07-01

Annexes designated 'normative' are part of the body of the standard. Annexes designated 'informative' are given for information only. In this standard, annex ZA is normative and annex A is informative. Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 1041-3 : 1993 was approved by CENELEC as a European Standard without any modification.

In the official version, for annex A, Bibliography, the following notes have to be added for the standards indicated:

IEC 268-2	NOTE. Harmonized, together with its amendment 1 : 1991, as HD 483.2 S2 : 1993 (not modified).
IEC 767	NOTE. Harmonized as HD 461 S1 : 1987 (not modified).
IEC 774	NOTE. Harmonized as HD 463 S1 : 1987, which is superseded by EN 60774-1 : 1994 (not modified).
IEC 1041-1	NOTE. Harmonized as EN 61041-1 : 1995 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding 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 (including amendments).

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

IEC Publication	Year	Title	EN/HD	Year
IEC 94-3	1979	<i>Magnetic tape sound recording and reproducing systems Part 3: Methods of measuring the characteristics of recording and reproducing equipment for sound on magnetic tape</i>		
+ A2	1988		HD 311.3 S2 ¹⁾	1989
IEC 268-1	1985	<i>Sound system equipment Part 1: General</i>	HD 483.1 S2 ²⁾	1989
IEC 268-3	1988	<i>Part 3: Amplifiers</i>	HD 483.3 S2 ³⁾	1992
IEC 268-8	1973	<i>Part 8: Automatic gain control devices</i>	—	—
IEC 386	1972	<i>Method of measurement of speed fluctuations in sound recording and reproducing equipment</i>	—	—
IEC 574-4	1982	<i>Audiovisual, video and television equipment and systems Part 4: Preferred matching values for the interconnection of equipment in a system</i>	HD 369.4 S2 ⁴⁾ + corr. September	1993
IEC 843	1987	<i>Helical-scan video tape cassette system using 8 mm magnetic tape Video 8</i>	HD 531 S1	1989
IEC 1053-1	1991	<i>Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type beta format FM audio recording — Part 1: 625 lines — 50 field systems</i>	—	—
IEC 1053-2	1991	<i>Part 2: 525 lines — 60 field systems</i>	—	—
IEC 1054	1991	<i>Helical-scan video tape cassette system using 12,65 mm (0,5 in) magnetic tape on type VHS FM audio recording</i>	EN 61054	1993

¹⁾ HD 311.3 S2 also includes A1 : 1980 to IEC 94-3.

²⁾ HD 483.1 S2 includes A1 : 1988 to IEC 268-1.

³⁾ HD 483.3 S2 includes A1 : 1990 + A2:1991 to IEC 268-3.

⁴⁾ HD 369.4 S2 includes A1 : 1991 to IEC 574-4.

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