



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61041-3:1999

ICS 33.160.40

**NON-BROADCAST VIDEOTAPE RECORDERS -
METHODS OF MEASUREMENT. PART 3:
AUDIO CHARACTERISTICS FOR FM
RECORDING (IEC 1041-3:1993)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61041-3

July 1995

ICS 33.160.40

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

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

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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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 1053-2	1991	Part 2: 525 lines - 60 field systems	-	-
IEC 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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