



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60094-3:1999

ICS 33.160.30

**MAGNETIC TAPE SOUND RECORDING AND
REPRODUCING SYSTEMS - PART 3:
METHODS OF MEASURING THE
CHARACTERISTICS OF RECORDING AND
REPRODUCING EQUIPMENT FOR SOUND ON
MAGNETIC TAPE (IEC 94-3:1979 + A1:1980 +
A2:1988)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60094-3

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ICS 33.160.30

Supersedes HD 311.3 S2:1989

Descriptors: Sound system equipment, sound recording and reproduction, magnetic tape, characteristic, measurement, test condition

English version

**Magnetic tape sound recording and reproducing systems
Part 3: Methods of measuring the characteristics of recording
and reproducing equipment for sound on magnetic tape
(IEC 94-3:1979 + A1:1980 + A2:1988)**

Systèmes d'enregistrement et de lecture
du son sur bandes magnétiques
Partie 3: Méthodes de mesure des
caractéristiques des matériels
d'enregistrement et de lecture du son
sur bandes magnétiques
(CEI 94-3:1979 + A1:1980 +
A2:1988)

Systeme für Tonaufzeichnung
und -wiedergabe auf Magnetband
Teil 3: Meßverfahren zur Bestimmung
der Eigenschaften von Aufnahme- und
Wiedergabegeräten
(IEC 94-3:1979 + A1:1980 +
A2:1988)

This European Standard was approved by CENELEC on 1993-12-08. 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 94-3:1979 + A1:1980 + A2:1988, prepared by SC 60A (transformed into SC 100B, Recording, of IEC TC 100, Audio, video and multimedia systems and equipment), was approved by CENELEC as HD 311.3 S2:1989 on 1989-08-01.

As a consequence of the IEC-CENELEC Agreement, this Harmonization Document was submitted to the formal vote for conversion into a European Standard and was approved by CENELEC as EN 60094-3 on 1993-12-08.

The following date was 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) 1996-12-01

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 94-3:1979 + A1:1980 + A2:1988 was approved by CENELEC as a European Standard without any modification.

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 38	1975 ¹⁾	IEC standard voltages	-	-
IEC 65 (mod)	1976	Safety requirements for mains operated electronic and related apparatus for household and similar general use	HD 195 S4 ²⁾	1985
IEC 263	1975	Scales and sizes for plotting frequency characteristics and polar diagrams	-	-
IEC 268-1	1968 ³⁾	Sound system equipment Part 1: General	-	-
IEC 268-3	1969 ⁴⁾	Part 3: Sound system amplifiers	-	-
IEC 268-15	1978 ⁵⁾	Part 15: Preferred matching values for the interconnection of sound system components	-	-
IEC 386	1972	Method of measurement of speed fluctuations in sound recording and reproducing equipment	-	-
IEC 651	1979	Sound level meters	EN 60651	1994

1) IEC 38:1975 is superseded by IEC 38:1983, mod. - which is harmonized as HD 472 S1:1989.

2) HD 195 S4 is superseded by EN 60065:1993, which is based on IEC 65:1985, mod.

3) IEC 268-1:1985 + A1:1988 are harmonized as HD 483.1 S2:1989.

4) IEC 268-3:1988 + A1:1990 + A2:1991 are harmonized as HD 483.3 S2:1992.

5) IEC 268-15:1987 + A1:1989 + A2:1990 + A3:1991 are harmonized as HD 483.15 S4:1992.

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