



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61595-1:1999**

ICS 33.160.01

33.160.30

**MULTICHANNEL DIGITAL AUDIO TAPE  
RECORDER (DATR), REEL-TO-REEL SYSTEM,  
FOR PROFESSIONAL USE. PART 1: FORMAT  
A (IEC 61595-1:1997)**

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*This Irish Standard was  
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effect on:*

*June 1, 2005*

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61595-1**

August 1997

ICS 33.160.30

Descriptors: Sound recording, digital recording, magnetic tapes, recording tracks, codification, mechanical properties, electrical properties, recording characteristics, interchangeability

English version

**Multichannel digital audio tape recorder (DATR),  
reel-to-reel system, for professional use  
Part 1: Format A  
(IEC 61595-1:1997)**

Système d'enregistrement à bande  
audionumérique multivoie (DATR),  
bobine à bobine, à usage professionnel  
Partie 1: Format A  
(CEI 61595-1:1997)

Digitales Mehrkanal-Tonbandgerät  
(DATR), Spulensystem für  
Studioanwendungen  
Teil 1: Format A  
(IEC 61595-1:1997)

This European Standard was approved by CENELEC on 1997-07-01. 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.

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**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 100B/48/FDIS, future edition 1 of IEC 61595-1, prepared by SC 100B, Recording, of IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61595-1 on 1997-07-01.

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) 1998-04-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1998-04-01

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.

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### Endorsement notice

The text of the International Standard IEC 61595-1:1997 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 60094    | NOTE: Harmonized as EN 60094 and HD 311 series (not modified).                            |
| IEC 60268-12 | NOTE: Harmonized, together with its amendment 1:1991, as EN 60268-12:1995 (not modified). |
| IEC 60958    | NOTE: Harmonized as EN 60958:1990 (not modified).   |
| IEC 61120-1  | NOTE: Harmonized as EN 61120-1:1993 (not modified).                                       |
| IEC 61120-2  | NOTE: Harmonized as EN 61120-2:1993 (not modified).                                       |
| IEC 61120-3  | NOTE: Harmonized as EN 61120-3:1993 (not modified).                                       |
| IEC 61120-5  | NOTE: Harmonized as EN 61120-5:1995 (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 60461	1986	Time and control code for video tape recorders	HD 507 S1	1988
IEC 61120-4	1992	Digital audio tape recorder reel-to-reel system, using 6,3 mm magnetic tape, for professional use Part 4: Magnetic tape properties: definitions and methods of measurement	EN 61120-4	1992
ITU-T V.41	1988	Code-independent error-control system	-	-



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