

# **SLOVENSKI STANDARD**

## **SIST EN 61120-5:1999**

**01-april-1999**

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**Digital audio tape recorder reel-to-reel system, using 6,3 mm magnetic tape, for professional use - Part 5: Reels (IEC 61120-5:1995)**

Digital audio tape recorder reel-to-reel system, using 6,3 mm magnetic tape, for professional use -- Part 5: Reels

Digitales Tonbandgerät - Spulensystem mit Magnetband 6,3 mm für Studioanwendung -- Teil 5: Spulen

Système d'enregistrement à bande audionumérique, bobine à bobine, utilisant une bande magnétique de 6,3 mm, à usage professionnel -- Partie 5: Bobines

**Ta slovenski standard je istoveten z: EN 61120-5:1995**

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**ICS:**

33.160.30

Avdio sistemi

Audio systems

**SIST EN 61120-5:1999**

**en**

## **iTeh STANDARD PREVIEW** **(standards.iteh.ai)**

SIST EN 61120-5:1999

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English version

**Digital audio tape recorder reel-to-reel system,  
using 6,3 mm magnetic tape, for professional use  
Part 5: Reels  
(IEC 1120-5:1995)**

Système d'enregistrement à bande  
audionumérique, bobine à bobine,  
utilisant une bande magnétique de  
6,3 mm, à usage professionnel  
Partie 5: Bobines  
(CEI 1120-5:1995)

Digitales Tonbandgerät  
Spulensystem mit Magnetband 6,3 mm  
für Studioanwendung  
Teil 5: Spulen  
(IEC 1120-5:1995)

This European Standard was approved by CENELEC on 1995-09-20. 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 document 60A/163/DIS, future edition 1 of IEC 1120-5, prepared by SC 60A, Sound recording, of IEC TC 60, Recording, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61120-5 on 1995-09-20.

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.

In this standard, annex ZA is normative.

Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 1120-5:1995 was approved by CENELEC as a European Standard without any modification.

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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 50(806)	1975	International electrotechnical vocabulary (IEV) Chapter 806: Recording and reproduction of sound and video	-	-
IEC 94-6	1985	Magnetic tape sound recording and reproducing systems Part 6: Reel-to-reel systems	HD 311.6 S1	1987
IEC 1120-1	1991	Digital audio tape recorder reel to reel system, using 6,3 mm magnetic tape, for professional use Part 1: General requirements	EN 61120-1	1993
IEC 1120-2	1991	Part 2: Format A	EN 61120-2	1993
IEC 1120-3	1991	Part 3: Format B	EN 61120-3	1993
IEC 1120-4	1992	Part 4: Magnetic tape properties : definitions and methods of measurement	EN 61120-4	1992

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NORME  
INTERNATIONALE  
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CEI  
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1120-5

Première édition  
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Système d'enregistrement à bande  
audionumérique, bobine à bobine,  
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iTeh STANDARD PREVIEW  
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Partie 5:  
Bobines

SIST EN 61120-5:1999

<https://standards.iteh.ai/en/standards/61120-5-1999/110813358b3/sist-en-61120-5-1999>  
Digital audio tape recorder reel-to-reel system,  
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Part 5:  
Reels

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

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Pour prix, voir catalogue en vigueur  
For price, see current catalogue

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**DIGITAL AUDIO TAPE RECORDER, REEL-TO-REEL SYSTEM,  
USING 6,3 mm MAGNETIC TAPE,  
FOR PROFESSIONAL USE****Part 5: Reels****FOREWORD**

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

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International Standard IEC 1120-5 has been prepared by sub-committee 60A: Sound recording, of IEC technical committee 60: Recording.

The text of this standard is based on the following documents:

DIS	Report on voting
60A/163/DIS	60A/167/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.



# DIGITAL AUDIO TAPE RECORDER, REEL-TO-REEL SYSTEM, USING 6,3 mm MAGNETIC TAPE, FOR PROFESSIONAL USE

## Part 5: Reels

### 1 Scope

This part of IEC 1120 applies to reels used in digital audio reel-to-reel recording and reproducing systems using 6,3 mm magnetic tape for professional use.

### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of IEC 1120. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of IEC 1120 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

## iTeh STANDARD PREVIEW

IEC 50(806): 1975, *International Electrotechnical Vocabulary (IEV) – Chapter 806: Recording and reproduction of sound and video*

IEC 94-6: 1985, *Magnetic tape sound recording and reproducing systems – Part 6: Reel-to-reel systems*

IEC 1120-1: 1991, *Digital audio tape recorder reel-to-reel system, using 6,3 mm magnetic tape, for professional use – Part 1: General requirements*

IEC 1120-2: 1991, *Digital audio tape recorder reel-to-reel system, using 6,3 mm magnetic tape, for professional use – Part 2: Format A*

IEC 1120-3: 1991, *Digital audio tape recorder reel-to-reel system, using 6,3 mm magnetic tape, for professional use – Part 3: Format B*

IEC 1120-4: 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*

### 3 Applications, mechanical requirements and dimensions of reels

#### 3.1 Applications

For professional programme exchange, the following reels shall be used:

- reels with 8 mm centre hole according to figure 1;
- reels with 76 mm centre hole according to figure 2.

3.2 Mechanical requirements and dimensions for reels are shown in figures 1 and 2 and their associated tables.