

Consumer audio/video equipment — Digital interface —

Part 7: Transmission of ITU-R BO.1294 System B

The European Standard EN 61883-7:2003 has the status of a British Standard

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National foreword

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Summary of pages

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**Consumer audio/video equipment –
Digital interface
Part 7: Transmission of ITU-R BO.1294 System B
(IEC 61883-7:2003)**

Matériel audio/vidéo grand public -
Interface numérique
Partie 7: Transmission du Système B
de l'UIT-R BO.1294
(CEI 61883-7:2003)

Audio/Video-Geräte der
Unterhaltungselektronik –
Digitale Schnittstelle
Teil 7: Übertragung nach
Rec. ITU-R BO.1294 System B
(IEC 61883-7:2003)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 100/558/FDIS, future edition 1 of IEC 61883-7, prepared by technical area 4, Digital system interfaces, 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 61883-7 on 2003-03-01.

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) 2003-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2006-03-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annexes A and ZA are normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61883-7:2003 was approved by CENELEC as a European Standard without any modification.

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CONSUMER AUDIO/VIDEO EQUIPMENT – DIGITAL INTERFACE –

Part 7: Transmission of ITU-R BO.1294 System B

1 Scope

This specification defines packetization and transmission for transport streams of ITU-R BO.1294 system B (DirecTV system/DSS) over the IEEE 1394 Serial Bus.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 61883-1, *Consumer audio/video equipment – Digital interface – Part 1: General*

ITU-R BO.1294:1997, *Common functional requirements for the reception of digital multi-programme television emissions by satellites operating in the 11/12 GHz frequency range*¹

IEEE 1394:1995, *Standard for a High Performance Serial Bus*

IEEE 1394a:2000, *Standard for a High Performance Serial Bus – Amendment 1*

3 Terms, definitions and abbreviations

For the purposes of this part of IEC 61883, the following terms and definitions apply.

3.1 Terms and definitions

For the purposes of this part of IEC 61883, the following terms and definitions apply.

3.1.1

byte

eight bits of data, used as a synonym for octet

NOTE The symbol for byte is B.

3.1.2

CSR architecture

convenient abbreviation of the following reference: ISO/IEC 13213:1994, *Information technology – Microprocessor systems – Control and status register (CSR) architecture for microcomputer buses*

3.1.3

quadlet

four bytes of data

¹ In this document, the name “DSS” is used instead of ITU-R BO.1294 system B.