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ISO/IEC 10149: 1989

Australian Standard®

Data storage and transfer media—CD-ROM—Data interchange on read-only 120 mm optical data disks

This Australian Standard was prepared by Committee IT/10, Information Systems Equipment. It was approved on behalf of the Council of Standards Australia on 8 May 1990 and published on 17 September 1990.

The following interests are represented on Committee IT/10:

Australian Bankers Association

Australian Information Industry Association

Interface developers

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PREFACE

This Standard was prepared by the Standards Australia Committee on Information Systems Equipment. It is identical with, and has been reproduced from International Standard ISO/IEC 10149—1990, *Information technology—Data interchange on read-only 120 mm data disks (CD-ROM)*.

For the purpose of this Australian Standard, the text of the ISO/IEC Standard should be modified as follows:

(a) *Terminology*—The words 'Australian Standard' should replace the words 'International Standard' wherever they apply.

(b) *References*—The references to International Standards should be replaced by references to Australian Standards as follows:

International Standard	*Australian Standard*
ISO	AS
9660 Information processing—Volume and file structure of CD-ROM for information interchange	3601 Information processing—Volume and file structure of CD-ROM for information interchange

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Data storage and transfer media—CD-ROM—Data interchange on read-only 120 mm optical data disks

1 Scope

This International Standard specifies the characteristics of 120 mm optical disks for information interchange between information processing systems and for information storage, called CD-ROM.

The optical disk specified by this International Standard is of the type in which the information is recorded before delivery to the user and can only be read from the disk. This International Standard specifies

— some definitions, the environments in which the characteristics of the disk shall be tested and the environments in which it shall be used and stored;

— the mechanical, physical, and dimensional characteristics of the disk;

— the recording characteristics, the format of the tracks, the error-detecting and the error-correcting characters, and the coding of the information;

— the optical characteristics for reading the information.

The characteristics are specified for tracks recorded with digital data. According to this International Standard, a disk may also contain one or more tracks recorded with digital audio data. Such tracks shall be recorded according to IEC 908.

2 Conformance

An optical disk is in conformance with this International Standard if it conforms to all its mandatory requirements.

3 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard 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.

ISO 9660 : 1988, *Information processing — Volume and file structure of CD-ROM for information interchange*.

IEC 908 : 1987, *Compact disc digital audio system.*

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