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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17576-2011

Replacing GB/T 17576-1998

Compact disc digital audio system

CD数字音频系统

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is equivalent to using the international standard IEC 60908:1999 "CD Digital Audio System" (in English).

This standard replaces GB/T 17576-1998 "CD digital audio systems." this standard and GB/T 17576-1998 "CD Digital Audio System" in comparison, the main changes are as follows.

- No longer used article structure;
- Chapter 1. changed the scope and purpose;
- Increased in Chapter 2, normative references;
- Chapter 18 adds the control system and the display data --- General requirements;
- Increased Chapter 19 control system and display the total data --- data structure;
- Increased Chapter 20 0 mode;
- Increased Chapter 21 linear graphics mode;
- Increased Chapter 22 TV - graphics mode;
- Chapter 23 adds extended television - graphics mode;
- Increased Chapter 24 MIDI mode;

- Chapter 25 increased user mode;
- Increased Chapter 26 CD text mode;
- Original Appendix C Bibliography no longer attached as Appendix;
- Proposal to change the original Appendix D Appendix C recommendation;
- Appendix E 8cm-CD original aperture size to Appendix Adapter Specifications D8cm-CD's;
- Added Appendix E TV - application graphics mode;
- Added Appendix F extended television - application graphical mode.

This standard and IEC 60908 standard differences.

- IEC 60068-2-2, IEC 60068-2-30, IEC 60721-3-5, ISO/IEC 646 has a corresponding national standards, normative cited Files are used by national standards (see Chapter 2);
- Remove the cover of international standards and directory preface;
- Use the decimal symbol "." Decimal symbol instead of "°" this standard replaces GB/T 17576-1998 "CD digital audio systems." the standard proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This standard by the national audio, video and multimedia systems and equipment Standardization Technical Committee (SAC/TC242) centralized.

This standard drafting units. China Electronics Technology Group Corporation Institute, National Engineering Research Center of Tsinghua University, disc, industrial and Information Technology Institute of Electronics V, Guangdong Provincial Supervision, Inspection and electrical and electronic products, Sony (China) Co., Ltd., Jiangsu Shinco Electronics set Group Limited.

1 Scope and purpose

This standard specifies the impact of interchangeability between the parameters of the CD album and record player, but also as desired in accordance with this standard as described Production systems record and/or player's manufacturer reference.

This standard applies to pre-recorded optical reflective digital record system. Including a diameter of 120mm and 80mm CD album.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 1988-1998 Technical information interchange bit coded character set (ISO/IEC 646:1991, EQV) GB/T 2423.2-2008 Environmental testing for electric and electronic products Part 2. Test methods Test B. Dry heat (IEC 60068-2-2:2007, IDT) GB/T 2423.4-2008 Environmental testing for electric and electronic products Part 2. Test methods - Test Db. Damp heat (12h 12h cycle) (eqv IEC 60068-2-30:2005, IDT) GB/T 4798.5-2007 application of electric and electronic products environmental conditions - Part 5. Ground vehicle use (IEC 60721-3-5.

1997, MOD)

IEC 61938:1996 Preferred matching values for audio, video and audiovisual systems interconnection (Audio, video and audiovisual systems-Interconnections and matching values-Preferred matching of analog signals, IDT) IEC 61104:1992 CD Video System 12cm CD-V (Compact disc video system-12cm CD-V) IEC 61866:1997 Audiovisual systems - Interactive text transmission system (ITTTS) (Interactive text transmission system (ITTTS)) ISO 3901. 1986 International Standard Recording Code file (ISRC) (Documentation-International Standard Recording Code (ISRC) ISO/IEC 8859-1:1998 Information technology - 8-bit single-byte coded graphic character sets - Part 1. Latin alphabet No.1 (Information technology-8-bit single-byte coded graphic character sets-Part 1. Latin alphabet NO.1) System Specification 1991 Macro/packet family (Specification of the system of MAC/packet family- EBU Tech 3258-E ly) UPC/EAN Universal Product Code/International Product Number Association (Universal product code/International article numbering association) RIAJ music file RS506 shift Kanji character set (Music shift Kanji character set) Enhanced Music CD CD Additional Specification Version 1.0 December 1995 Sony/Philips (CD Extra, Enhanced music CD specification, Version 1.0, December 1995, Sony/Philips)

3 System Description

Information carrier of the system is transparent disc substrate side contains information, this side of the coding surface, in turn covered with a reflective layer and factoring Sheath.