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

GB/T 15860-2011

Replacing GB/T 15860-1995

General specification for compact disc players

激光唱机通用规范

(English Translation)

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Foreword

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

This standard and IEC 61096:1996 "Digital Audio Compression Methods for measuring performance disk playback device," the non-equivalent.

This standard replaces GB/T 15860-1995 "CD player General technical requirements." this standard and GB/T 15860-1995 compared to the main changes are as follows.

--- Chapter 1 changes, an increase of a portable CD player;

--- Chapter 2 columns in the impact test, vibration test, acoustics reference to relevant standards;

--- Increase in Chapter 3, a new term. 3.12 Start reading time tracking ability 3.16, 3.17 NOISE, 3.18 impact strength, 3.19 resistant to vibration strength, impact test severities 3.20, 3.21 and 3.22 speed variation standard acceleration of gravity;

--- Original standard 4.4 change, cancel A, B, C classification, the home CD player and portable CD player technical requirements Separate home CD player retains the original standard C level requirements, frequency response, de-emphasis to improve the frequency response requirements, the phase difference between channels increased requirements;

--- Add a new test method for the project, the new project does not propose technical requirements. 7.12.2 Start reading measurement time, 7.13 Measurement tracking capabilities, measuring 8 sound noise, 12.1-resistant strength test method for measuring shock and vibration resistant to strong 12.2 Measurement Method Test.

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, the National Radio and Television Product Quality Supervision and Inspection Center, Ministry of Industry and Information Technology Institute of Electronics V, Guangdong Provincial Supervision, Inspection and electrical and electronic products, Sony (China) Co., Ltd., ST Electronics set Group Co., Ltd., Foshan Sanshui good helper Electronic Technology Co., Ltd.

1 Scope

This standard specifies the technical requirements for laser (CD) player, test methods, inspection rules and signs, packaging, transportation and storage.

This standard applies to all kinds of CD player and a variety of audio system CD section, other similar products implementation.

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 191 Packaging - Pictorial signs GB/T 2018 Measurement tape recorder GB/T 2423.5 Environmental testing for electric and electronic products Part 2. Test methods Test Ea and guidance. Shock GB/T 2423.10 Environmental testing for electric and electronic products Part 2. Test methods Test Fc. Vibration (sinusoidal) GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan GB/T 2829-2002 periodic inspection Sampling procedures and sample forms (for the production process stability test) GB/T 2900.75-2008 Electrotechnical terminology of digital audio and video recordings GB/T 2900.76-2008 audio and video recording and playback

GB/T 3222.1 describes the acoustic environment noise measurement and evaluation Part 1. Basic parameters and evaluation methods GB/T 3240 acoustic measurement commonly used frequency Determination of sound power levels of noise sources reflecting plane free field engineering method GB/T 3767 sound pressure GB/T 5080.6 Equipment reliability testing constant failure rate assumption validation GB/T 5080.7 Equipment reliability testing efficiency constant failure rate assumption under the MTBF of test plans GB/T 5465.2-2008 Graphical symbols for electrical equipment - Part 2. Graphical symbols Determination of sound power levels of noise sources - Precision methods for reverberation chamber GB/T 6881.1 sound pressure GB/T 6881.2 Determination of sound pressure Part 1 moving sound source project method can sound power levels of noise sources reverberant field of small and medium Score. hard walled test rooms Comparative Law GB/T 6881.3 Determination of sound pressure Part 2 moving sound source project method can sound power levels of noise sources reverberant field of small and medium Score. special reverberation test rooms Determination of sound power levels of noise sources anechoic and semi-anechoic chamber Precision methods GB/T 6882 sound pressure GB 8898-2000 Audio, video and similar electronic apparatus - Safety requirements GB/T 9375 radios, tape recorders listening test GB 9383 Sound and television broadcast receivers and associated equipment - Immunity characteristics Limits and methods of measurement GB/T 9384 radio broadcast, radio and television receivers, tape recorders and audio amplifiers (amplifiers) to the test environment Sum Test Method GB/T 12060.3 Sound system equipment - Part 3. Methods of measurement of audio amplifier GB/T 12060.13 Sound system equipment - Part 13. speaker listening tests GB 13837 Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement GB/T 14197 Audio, video and audiovisual systems interconnection Preferred matching values GB/T 14277 audio combination equipment condition