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

GB/T 25455-2010

**Electrophones musical instruments playback equipment -
Specification of assessment for musical performance**

电鸣乐器放音设备 设备音乐性能评价规范

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Foreword

Appendix A of this standard is a normative appendix, Appendix B is an informative annex. The standard proposed by China National Light Industry Council. This standard by the National Standardization Technical Committee Instrument (SAC/TC371) centralized. This standard was drafted. Wuhan Eric card Electronics Co., Ltd., Beijing Institute of Musical Instruments. The main drafters. Zhang Jian Tong, Tu Shuzhen, solemn, Wu Dongliang, Li Jian, Zhang Zhenqi, Wang Wei. Electric musical instruments ming playback device Equipment Music Performance Assessment Protocol

1 Scope

GB/T 25455-2010 is the Chinese national standard on electrophones musical instruments playback equipment - specification of assessment for musical performance, in the field of domestic and commercial equipment, entertainment, sport. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 10 November 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2011. Classification: ICS 97.200.20, CCS Y58. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the electrical musical instruments with sound equipment put terms and definitions, classification, listening conditions, evaluation principles, scoring methods and evaluation procedures. This standard applies to electric musical instruments ming put music performance evaluation of sound equipment.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including

errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 4854.1 acoustic calibration of audiometric equipment - Reference zero - Part 1. the ear headphones pure tone reference equivalent threshold sound pressure levels (GB/T 4854.1-2004, ISO 389-1.1998, IDT)

GB/T 16518-1996 Keyboard Music Performance Assessment Protocol

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Electric musical instruments ming playback device

electrophonesmusicalinstrumentsplaybackequipment The electrical signal is amplified musical instruments ming, control and playback processing equipment, the electric musical instruments ming amplifier (3.2), electric musical instruments ming active speaker (3.3), general electric musical instruments with passive speakers (3.4) and electric musical instruments ming sound system (3.5).

3.2 Electric musical instruments ming amplifier electrophonesmusicalinstrumentsamplifier

For electric musical instruments ming signal processing, control and amplified to a sufficient power to drive the speaker means.

3.3 Electric musical instruments ming active speaker

electrophonesmusicalinstrumentsactivespeaker The speaker and electric musical instruments ming amplifier (3.2) jointly placed in the box, the electrical signals are processed to musical instruments with surrounding electric radiation Ming Yue Acoustic power devices.

3.4 Electric musical instruments ming passive speakers

electrophonesmusicalinstrumentspassivespeaker Place the speakers in the box, the reception electric musical instruments ming amplifier (3.2) output of electric power to the surrounding radiation electric musical instruments ming sound power Means.

3.5 Electric musical instruments ming audio devices

electrophonesmusicalinstrumenteffectsequipment For electric musical instruments ming signal post-modification, processing, handling devices. Category

4 Electric musical instruments ming playback devices by product type is divided into.

electric musical instruments ming amplifier, electric musical instruments ming speakers, electric musical instruments ming passive speakers, electric-ming Musical instruments sound system and other four categories.