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

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**Sound system equipment-Headphones and earphones
associated with personal music players-Measurement methods
of maximum sound pressure level**

声系统设备 耳机及个人音乐播放器 最大声压级测量方法

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Foreword

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Sound system equipment, headphones and personal music players Maximum sound pressure level measurement method

1 Scope

This document describes a method for measuring the maximum sound pressure level produced by consumer headphones and personal music players, including the use of headphones Measurement of equipment or earphones, a combination of earphones and personal music players provided as a set and connected using a common interface such as wired or wireless method:

This document applies to the design, manufacturing and inspection of headphones for consumer use and personal music players that can be connected to headphones:

This document does not apply to mains-powered high-fidelity home equipment, monitoring headphones, headphones for medical purposes (hard of hearing, etc:) or as main Headphones and bone conduction headphones used as part of active hearing protection devices:

Note: Other safety requirements such as noise protection in office spaces or industrial environments are not affected by this document:

2 Normative reference documents

GB/T 3241

GB/T 3785

GB 4943

GB/T 6163

GB/T 12060

GB/T 12060

IEC 60318

IEC 62368

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 LAeq,T The equivalent continuous A-weighted sound pressure level is defined as follows: