



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

GB/T 14727-2008

Replacing GB/T 14727-1993

**General specification for the wireless hearing system
equipment for the deaf children**

无线传输式聋儿听力言语训练设备通用技术条件

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard replaces GB/T 14727-1993 "wireless transmitting hearing aid fitting speech training equipment general technical conditions." The original standard GB/T 14727-1993 compared to the main changes are as follows:

- a) the name of the standard was revised;
- b) part of the term has been modified to increase the English section;
- c) the preparation of the content of the specification adjustment, rearrange the contents of Chapter 4, to prepare technical requirements and test methods for the two chapters, the first Chapter 6, Chapter 7 summarized in a chapter;
- d) increase of terms and definitions with the FM frequency induction hybrid hearing aid fitting speech training equipment, technical requirements and test methods;
- e) environmental test methods in accordance with national standards promulgated by the new amended to remove crash test;
- f) refine some technical indicators and test methods. The standard proposed by the People's Republic of China Ministry of Civil Affairs. This standard by the national rehabilitation and special equipment Standardization Technical Committee on Persons with Disabilities (SAC/TC148) centralized. This standard is drafted by: National Rehabilitation Device Quality Supervision and Inspection Center, China Rehabilitation Research Center, Rui Shifeng power hearing set Group China headquarters. The main drafters. Zhang Hongtao, Guozhan Dong, Mao Jierong. This standard replaces the standards previously issued as follows:

--- GB/T 14727-1993. Wireless transmitting hearing aid fitting speech training equipment General technical conditions

1 Scope

GB/T 14727-2008 is the Chinese national standard on general specification for the wireless hearing system equipment for the deaf children. 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 19 September 2008 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 March 2009. Classification: ICS (ICS) , CCS C45. 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 technical conditions for the wireless transmitting hearing aid fitting speech training equipment, measurement methods, inspection rules and signs, packaging, transportation Transport, storage and so on. This standard applies to wireless transmission type (FM transmitter, FM receiver that is style, with audio induction and mixed the first two, excluding infrared transmission Type) hearing aid fitting speech training 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 191 Packaging - Pictorial signs

GB/T 2423.1 Environmental testing for electric and electronic products Part 2. Test methods Test A. Cold

GB/T 2423.2 Environmental testing for electric and electronic products Part 2. Test methods Test B. Dry heat

GB/T 2423.3 Environmental testing for electric and electronic products Part 2. Test methods - Test Cab. Damp heat test

GB/T 2423.8 Environmental testing for electric and electronic products Part 2. Test methods Test Ed. Free fall

GB/T 2423.10 Environmental testing for electric and electronic products Part 2. Test methods Test Fc. Vibration (sinusoidal) Methods of measurement

GB/T 6657 electro-acoustic characteristics of hearing aids

GB 8898-2001 Audio, video and similar electronic apparatus - Safety requirements

GB/T 9001-1988 Methods of measurement of audio amplifier

GB/T 9388 wireless microphone system measurement method

GB/T 9401 Methods of measurement microphones

GB/T 11454 hearing aids with audio induction loops of magnetic field intensity

GB 12641 teaching audio-visual equipment and system maintenance and operation safety requirements Size electrical connector system.

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Permanent hearing loss in the better ear than 41dB children.

3.2 The use of deaf children of hearing, sight, touch, hearing and speech training for its equipment (hereinafter referred to as "devices for deaf children").

3.3 By wireless (radio transmitter and receiver induction coil sensors, etc.) the sound signal from a microphone or audio transmitted at the listener, recanalization