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

GB/Z 40992-2021

**General technical condition for electronic communication
devices for people with speech disorder**

言语障碍者用电子沟通板通用技术条件

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules of Standardization Documents" Drafting. Please note that some of the contents of this document may involve patents. The issuing agency of this document is not responsible for identifying patents. This document was proposed by the Ministry of Civil Affairs of the People's Republic of China. This document is under the jurisdiction of the National Standardization Technical Committee for Rehabilitation and Special Equipment for the Disabled (SAC/TC148). Drafting organizations of this document. National Rehabilitation Device Quality Supervision and Inspection Center, Hangzhou Bedi Technology Co., Ltd., Guangzhou Taihui Information Technology Co., Ltd. Co., Ltd., China Rehabilitation Research Center, Xiamen Jiatli Technology Co., Ltd., Beijing Haidian District Peizhi School, Tianjin Tangbang Technology Co., Ltd. company. The main drafters of this document. Yu Juanjuan, Li Dongmei, Tu Yijun, Li Wuxian, Zheng Haifeng, Lan Chen, Zhang Hong, Zhang Yan. General technical requirements for electronic communication boards for persons with speech disabilities

1 Scope

GB/Z 40992-2021 is the Chinese national standard on general technical condition for electronic communication devices for people with speech disorder, in the field of health care technology. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 26 November 2021 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication. Classification: ICS 11.180, 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.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations Only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to This document.

GB/T 191 Packaging, storage and transportation pictorial signs

GB/T 2423.1 Environmental testing of electrical and electronic products Part

GB/T 8566 Information Technology Software Life Cycle Process

GB/T 16432 Classification and terminology of rehabilitation assistive devices

3 Terms and definitions

The following terms and definitions defined in GB/T 16432 apply to this document.

3.1 Electronic communication board electroniccommunicationdevices Using text, symbols, graphics, animation or video and other visual information and sound combined form, can send out the content of visual information Corresponding voice, an electronic assistive device that assists persons with speech impairment in communicating information or training communication skills.

3.2 Card-type electronic communication board communicationdevicesofcards An electronic communication board that can emit sounds corresponding to the content of the card, as shown in Figure 1. Figure