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

GB/T 22698-2022

Guide on the safety of multimedia equipment

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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" drafted.

This document replaces GB/T 22698-2017 "Safety Guidelines for Multimedia Equipment". Compared with GB/T 22698-2017, except for structural adjustment

In addition to editorial changes, the main technical changes are as follows.

- a) the editions of IEC 60065 and IEC 60950-1 referred to in this document have been changed;
- b) increased the use of IEC 62368-1 (see Chapter 1, 4.1);
- c) Added 4.3 "Signs";
- d) Added 4.5 "Devices Containing Coin Cell Batteries".

This document is equivalent to IEC Guide 112:2017 "Safety Guidelines for Multimedia Equipment", and the document type is adjusted from IEC guidelines to my country's national standard.

A chapter "Terms and Definitions" has been added to this document.

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

This document contains several guidelines for evaluating the safety of multimedia

equipment using IEC 60065 and IEC 60950-1.

This document has been developed on the basis of the following basic principles.

--- Equipment meeting the requirements of IEC 60065 and equipment meeting the requirements of IEC 60950-1 are considered safe when used independently;

--- The above equipment interconnected in accordance with installation instructions in a multimedia system is also considered safe.

It should be noted that there are some differences between the above two documents.

In addition to the requirements specified in IEC 60065 and IEC 60950-1, this document also gives other requirements that should be met.

For multimedia systems including Class I and Class II equipment, the connection to the power supply should ensure a reliable connection to the protective earth of Class I equipment.

Multimedia Device Safety Guidelines

1 Scope

This document provides guidance for evaluating the safety of multimedia equipment using IEC 60065 and IEC 60950-1.

This document focuses on the use of IEC 60065 or IEC 60950-1. As an alternative to these two standards, IEC 62368-1 can be used.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations

documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to

this document.

tus-Safety requirements)

Note. GB 8898-2011 Safety Requirements for Audio, Video and Similar Electronic Equipment (IEC 60065:2005, MOD)

paratus-Safety requirements)

Note. GB 4943.1-2011 Information Technology Equipment Safety Part 1. General Requirements (IEC 60950-1:2005, MOD)

ment-Safety-Part 1. General requirements)

IEC 62368-1 Audio-visual, information technology and communication technology equipment Part 1.Safety requirements (Audio/video,

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document.

4.1 Compliance

Equipment used in multimedia systems should conform to.

- IEC 60065 or IEC 60950-1 at the manufacturer's choice; and
- Supplementary content listed in this chapter.

As described in Chapter 1, this document focuses on the use of IEC 60065 or IEC 60950-1.As an alternative to these two standards, it is possible to

Consider IEC 62368-1.