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

GB/T 14197-2012

Replacing GB/T 14197-1993; GB/T 9031-1988

**Preferred matching values for the interconnections of audio,
video and audiovisual systems**

音频、视频和视听系统互连的优选配接值

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses the translation method identical with IEC 61938:1996 "Audio, video and audiovisual systems - Interconnections and matching values \u200b\u200bof the analog signal Preferred matching values. " the editorial changes made the following standard.

a) with a decimal point instead of a comma as the decimal point, " ";

b) Remove the preface to international standards.

This standard replaces GB/T 14197-1993 "preferred matching values \u200b\u200bfor the interconnection of sound system" and GB/T 9031-1988 "home sound system Equipment on interconnections and matching requirements. " this standard and GB/T 14197-1993 compared to the main changes are as follows.

a) In Chapter 3, before adding "Range" and "normative references";

b) the new Chapter 2 General conditions and definitions;

- c) New 5.1.1 Cable characteristics;
- d) to GB/T 14197-1993 Chapter 3 mark content to supplement, forming Chapter 6 signs and flags with the symbol;
- e) of the GB/T 14197-1993 Chapter 9 general purpose input supplement, forming a Chapter 7 Electrical matching values;
- f) New Table 2a) general purpose consumer audio device connected with the value of proprietary interfaces;
- g) New Table 2b) general-purpose audio professional (non-broadcast-type) interface and audio and video signals have a common wire or cable consumption Mating value class device interface;
- h) added 6.3 General purpose video input/output.

Correspondence between the consistency of the standards of international documents and normative references of the following documents.

--- GB/T 156-2007 standard voltage (IEC 60038:2002, MOD)

--- GB/T 5271.9-2001 Information technology - Vocabulary - Part 9. Data communication (ISO/IEC 62382-9:1995, EQV)

--- GB/T 12857-1991 television broadcast receiver in non-standard broadcast signal condition measuring methods (IEC 60107-6.

1989, EQV)

--- GB/T 14947-2012 Sound system equipment - Part 11. Sound system equipment interconnection connected applications (IEC 60268-11. 1987, NEQ)

--- GB/T 15212-1994 broadcast and similar sound system with connected applications (IEC 60268-12. 1987, EQV) the standard proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This standard by the national audio, video and multimedia systems and equipment Standardization Technical Committee (SAC/TC242) centralized.

This standard was drafted. Nanjing University Institute of Acoustics.

1.1 Scope

This standard specifies the matching values for audio, video and audiovisual systems interconnection device when the analog signal power.

This standard applies to radio and similar audio signals (excluding video signal).

This standard does not contain IEC 60807-9 use a 21-pin connector described

interconnection.

This standard does not apply to matching values for vehicle equipment.

About interconnect digital signal, refer to IEC 60958.

Note: Figure 1 is given by way of illustration of the interconnection and related terms that may exist.

1.2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 4728 (all parts), Graphical symbols for electrical diagrams (IEC 60617 (all parts))
 GB/T 5465.2-2000 Graphical symbols for electrical equipment - Part 2. Graphical symbols (IEC 60417. 1973, IDT) GB/T 12060.3-2011 Sound system equipment - Part 3. audio amplifier measurement methods (IEC 60268-3:2000, IDT) GB/T 12060.4-2012 Sound system equipment - Part 4. Methods of measurement microphones (IEC 60268-4:2004, IDT) GB/T 12060.5-2011 Sound system equipment - Part 5. Methods for measuring performance main speaker (IEC 60268-5:2007, IDT) GB 17285-2009 electrical equipment supply characteristics marking safety requirements (IEC 61293:1994, IDT) IEC 60027 Electrical art graphic symbols (Lettersymbolstobeusedinelectrical use on equipment use technology) IEC 60038:2002 standard voltage (Sandardvoltages) IEC 60050-723:1997 International Electrotechnical Vocabulary (IEV) - Chapter 723. Broadcasting. Sound, television, data (International ElectrotechnicalVocabulary-Chapter723. Broadcasting. Sound.Television, data) IEC 60094-2:1994 tape sound recording and reproducing systems - Part 2. Calibration tape (Magnetictapesoundrecordingand reproducing systems-Part 2. Calibrationtapes) IEC 60107-6. 1989 television broadcast receiver in non-standard broadcast signal condition measuring method (Recommended methodsofmeasurementonreceiversfortelevisionbroadcasttransmissions-Part 6. Measurements underconditionsdifferentfrombroadcastsignalstandards) IEC 60268-7:1996 Sound system equipment - Part 7. Headphones measurement methods (Soundssystemequipment-Part 7. Headphonesandearphones) IEC 60268-11. 1987 Sound system equipment - Part 11. Sound system equipment connectors for the interconnection of applications (Soundssystem equipment-Part 11. Applicationofconnectorsfortheinterconnectionofsoundssystemcomponents) IEC 60268-12. 1987 broadcast and similar sound systems connected applications (Soundssystemequipment-Part 12. Applicationofconnectorsforbroadcastandsimilaruse) ISO/IEC 62382-9:1995 Information technology - Vocabulary - Part 9. Data communication (Informationtechnology vocabulary-Part 9. Datacommunication) IEC 60807-9:1993 Rectangular connectors for

frequencies below 3MHz Part 9. Circular Connectors TV (Rectangularconnectors