## 蓝牙耳机、手机充电器、无线充电器、适配器上亚马逊要办理测试报告UL 62368-1

产品名称	蓝牙耳机、手机充电器、无线充电器、适配器上 亚马逊要办理测试报告UL 62368-1
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## 产品详情

蓝牙耳机、手机充电器、无线充电器、适配器上亚马逊要办理测试报告UL 62368-1

IEC 62368的本部分适用于音频、视频、信息和通信技术领域内的电气和电子设备以及额定电压不超过600 V的商业和办公机器的安全。本标准不包括设备性能或功能特性的要求。

注1:本标准范围内的设备示例见附录A。

IEC 62368的这一部分也适用于拟纳入本设备的部件和子组件。此类部件和子组件无需符合本标准的所有要求,前提是包含此类部件和组件的完整设备符合要求。

本标准规定了普通人、受教育者和技术人员的保障措施。

注2:在澳大利亚,由受指导人员或技术人员进行的工作可能需要获得监管部门的正式许可 当局。

除非制造商另有规定,否则本标准假定海拔高度为2000 m。

本标准不适用于潮湿区域使用的设备。其他要求可能适用。

本标准不适用于室外安装设备。

注3:IEC 60950-22涵盖了室外使用的信息和通信技术设备。

本标准不包括功能安全要求。

注4:有关电子安全相关系统(例如,保护电子电路)的特定功能和软件安全要求,请参见IEC 61 508-1。

## 本标准不涉及:

- -除安全测试外的制造工艺;
- 热分解或燃烧释放的气体的有害影响;
- 处置流程;
- -运输影响(本标准规定的除外);
- 材料、部件或设备本身的储存影响;
- 粒子和 粒子等微粒辐射造成伤害的可能性;
- 辐射或对流热能导致热损伤的可能性;
- 易燃液体造成伤害的可能性;
- 在富氧或爆炸性环境中使用设备;
- -接触第7条规定以外的化学品;
- -静电放电事件。

1电视。1 DR修改第1条,增加以下内容:

1DV.1.1本标准也适用于根据加拿大电气规范部分C22.1-09设计安装的设备;加拿大电气规范,第二部分,一般要求,CAN/CSA C22.2 No.0-10;国家电气规范,NFPA 70-2011;以及国家电气安全规范IEEE C2-2007。

1DV.1.2本标准也适用于通过标记或说明识别的设备[见附录DVK(附录DVA,第1条)],这些设备是根据国家电气规范NFPA 70-2011第645条和信息技术设备保护标准NFPA 75-2009设计安装的。

1DV.1.3适用于本设备的要求和监管要求参考见附录DVA(如适用)。

1电视。2 D2修改第1条,增加以下内容:

1 DV.2.1本标准包括用于娱乐目的的设备的附加要求,这些设备拟安装在医疗设施的一般患者护理区域。见附录DVB。

1DV.2.2本标准包括安装在厨房橱柜下方的设备的附加要求。见附录DVC。

1 DV.2.3本标准不适用于具有远程馈电通信(RFT)电路的设备。CSA/UL 60950-21涵盖了具有RFT电路的设备。

1DV.2.4其他要求可能适用于大型数据存储设备。参考CSA/UL 60950-23。

1电视。3 DE修改第1条,将第6段和注释3替换为以下内容:

1DV.3.1对于用于室外安装的设备,可能会有附加要求。

注3:CSA/UL 60950-22涵盖了室外使用的信息和通信技术设备。CSA C22.2 No.60065或UL 60065中的相关要求涵盖了室外用音频/视频设备。

1电视。DC修改第1条,增加以下内容:

1DV.4.1配电设备和子组件1 DV.4.1.1本标准也适用于连接到干线的配电子组件,该干线用于在本标准涵盖的设备系统内完全配电,例如,电源分配单元(PDU),其形式为带多个电源插座(插座)的跳线连接的电源板和机架,拟安装在系统机架、机柜、家庭娱乐中心等中。

1DV.4.1.2对于本标准涵盖的设备,其包含执行其他标准涵盖的配电和控制功能的部件和子组件,如配电盘、负载转移设备

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This part of IEC 62368 is applicable to the safety of electrical and electronic equipment within the field of audio, video, information and communication technology, and business and office machines with a rated voltage not exceeding 600 V. This standard does not include requirements for performance or functional characteristics of equipment.

NOTE 1: Examples of equipment within the scope of this standard are given in Annex A.

This part of IEC 62368 is also applicable to components and subassemblies intended for incorporation in this equipment. Such components and subassemblies need not comply with every requirement of the standard, provided that the complete equipment, incorporating such components and subassemblies, does comply.

This standard specifies safeguards for ordinary persons, instructed persons, and skilled persons.

NOTE 2: In Australia, the work conducted by an instructed person or a skilled person may require formal licensing from regulatory

authorities.

This standard assumes an altitude of 2 000 m unless specified otherwise by the manufacturer.

This standard does not apply to equipment to be used in wet areas. Additional requirements may apply.

This standard does not apply to equipment for outdoor installation.

NOTE 3: Information and communication technology equipment that is intended for use outdoors is covered by IEC 60950-22.

This standard does not include requirements for functional safety.

NOTE 4: For specific functional and software safety requirements of electronic safety-related systems (for example, protective electronic circuits), see IEC 61 508-1.

This standard does not address:

- manufacturing processes except safety testing;
- injurious effects of gases released by thermal decomposition or combustion;
- disposal processes;
- effects of transport (other than as specified in this standard);
- effects of storage of materials, components, or the equipment itself;
- the likelihood of injury from particulate radiation such as alpha particles and beta particles;
- the likelihood of thermal injury due to radiated or convected thermal energy;
- the likelihood of injury due to flammable liquids;
- the use of the equipment in oxygen-enriched or explosive atmospheres;
- exposure to chemicals other than those specified in Clause 7;
- electrostatic discharge events.
- 1DV.1 DR Modify Clause 1 by adding the following text:
- 1DV.1.1 This standard also is applicable to equipment designed to be installed in accordance with the Canadian Electrical Code, Part I, C22.1-09; Canadian Electrical Code, Part II, General Requirements, CAN/CSA C22.2 No. 0-10; the National Electrical Code, NFPA 70-2011; and the National Electrical Safety Code, IEEE C2-2007.
- 1DV.1.2 The standard is also applicable to equipment, when identified by a marking or instruction [see Annex DVK (Annex DVA, Clause 1)], designed to be installed in accordance with Article 645 of the National Electrical Code, NFPA 70-2011, and the Standard for the Protection of Information Technology Equipment, NFPA 75-2009.
- 1DV.1.3 See Annex DVA for requirements and references to regulatory requirements that apply to this equipment, as applicable.
- 1DV.2 D2 Modify Clause 1 by adding the following text:
- 1 DV.2.1 This standard includes additional requirements for equipment used for entertainment purposes intended for installation in general patient care areas of health care facilities. See Annex DVB.
- 1DV.2.2 This standard includes additional requirements for equipment intended for mounting under kitchen cabinets. See Annex DVC.
- 1 DV.2.3 This standard does not apply to equipment having Remote Feeding Telecommunication (RFT) circuits. Equipment having RFT circuits is covered by CSA/UL 60950-21.
- 1DV.2.4 Additional requirements may apply to large data storage equipment. Refer to CSA/UL 60950-23.
- 1DV.3 DE Modify Clause 1 by replacing the sixth paragraph and Note 3 with the following:
- 1DV.3.1 For equipment intended for outdoor installation, additional requirements may apply.

NOTE 3: Information and communication technology equipment that is intended for use outdoors is covered by CSA/UL 60950-22. Audio/video equipment that is intended for use outdoors is covered by the relevant requirements in CSA C22.2 No. 60065 or UL 60065.

1DV.4 DC Modify Clause 1 by adding the following text:

- 1DV.4.1 Power Distribution Equipment and Sub-Assemblies 1 DV.4.1 .1 This standard also is applicable to power distribution sub-assemblies connected to a mains used to distribute power entirely within a system of equipment also covered by this standard, such as power distribution units (PDUs) in the form of cord-connected power strips and shelves with multiple power outlets (receptacles) and intended to be installed in system racks, cabinets, home entertainment centers, etc.
- 1DV.4.1.2 For equipment covered by this standard that incorporates components and sub-assemblies that perform a power distribution and control function covered by other standards, such as panelboards, load transfer equipment, or uninterruptible power systems utilized in power conditioners and computer power centers, this standard only may be used for investigation of safety for those aspects not covered by the other standards.
- 1 DV.4.1.3 This standard also does not apply to stand-alone equipment used for distribution of mains power that is covered by individual power distribution equipment standards.
- 1DV.4.1.4 Based on the specific function, the following requirements are applicable to the stand-alone distribution equipment, or apply additionally to power distribution sub-assemblies and components of equipment covered by this standard, as described in 1DV.4.1.2 and 1DV.4.1.3:
- For Industrial Control Equipment, see CSA C22.2 No. 14-10 Eleventh Edition and UL 508 Seventeenth Edition.
- For Panelboards, see CSA C22.2 No. 29-11 Fifth Edition and UL 67 Twelfth Edition.
- For Switchboards, see CSA C22.2 No 244-05 First Edition and UL 891 Eleventh Edition.
- For Transfer Switch Equipment, see CSA C22.2 No 178.1-07 First Edition and UL 1008 Fifth Edition.
- For Uninterruptible Power Systems, see CSA C22.2 No. 107.3-05 Second Edition and UL 1778 Fourth Edition.
- For Power Distribution Centers for Communications Equipment, see UL Subject 1801.
- Other forms of power distribution units for general applications, such as,

Relocatable Power Taps, CSA-C22.2 No. 21-1995, Cord Sets and Power Supply Cords, and UL 1363, Relocatable Power Taps.

Cord connected Surge Protective Devices, CSA Technical Information Letter No. A-24, Interim Certification Requirements for AC Line Connected Wiring Devices with Varistors, and UL 1449, Surge Protective Devices.

Furniture Power Distribution Units, CSA-C22.2 No. 21-1995, Cord Sets and Power Supply Cords and UL 962A, Furniture Power Distribution Units.

NOTE 1: It is assumed that power distribution equipment covered by the scope of this Standard is interconnected to the "Outlet" of a "Branch Circuit" as defined in Section 0 of the CEC and Article 100 of the NEC. In the case of cord-connected equipment, the Outlet is the Receptacle associated with the building wiring. In the case of permanently connected equipment, the Outlet is the interface between the Branch Circuit conductors associated with

the building wiring and the input terminals, pressure connectors, or leads associated with the power distribution equipment covered in whole or part by this standard.

NOTE 2: The following are common definitions of the hardware with related functions that require additional investigation to the appropriate Canadian and U.S. standards.

Industrial Control Panel — An assembly of two or more components consisting of one of the following:

- (1) Power circuit components only, such as motor controllers, overload relays, fused disconnect switches, and circuit breakers
- (2) Control circuit components only, such as pushbuttons, pilot lights, selector switches, timers, switches, control relays
- (3) A combination of power and control circuit components

These components, with associated wiring and terminals, are mounted on or contained within an enclosure or mounted on a subpanel. The industrial control panel does not include the controlled equipment.

Panelboard — A single panel or group of panel units designed for assembly in the form of a single panel, including buses and automatic overcurrent devices, and equipped with or without switches for the control of light, heat, or power circuits; designed to be placed in a cabinet or cutout box placed in or against a wall, partition, or other support; and accessible only from the front.

Switchboard — A large single panel, frame, or assembly of panels on which are mounted on the face, back, or both, switches, overcurrent and other protective devices, buses, and usually instruments. Switchboards are generally accessible from the rear as well as from the front and are not intended to be installed in cabinets.

Transfer Switch — An automatic or nonautomatic device for transferring one or more load conductor connections from one power source to another.

Uninterruptible Power Supply — A power supply used to provide alternating current power to a load for some period of time in the event of a power failure.

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