

使用手冊
User Manual

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product information

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Liberty Gamer Wireless gaming headset

Foreword

Listening to all directions, you can "play" the battlefield! —TAKSTAR is the well known leading brand in China electro-acoustic industry. Liberty Gamer is the professional gaming headset developed by Takstar based on many years of technology accumulation. It features high performance and comfortable wearing and emphasizes on providing competition advantages and brilliant gaming experience.

Life is full of rules just like gaming. Enjoy the gaming freely and enjoy your life. Gamers obey the rules but are not limited by the rules. Try your best to enjoy the gaming and you are the liberty gamer. Gaming well and living well, you need a good headset. If you have any question or suggestion, please contact your local dealer.

Features

- 2.4GHz wireless transmission technology, up to 15m ultra-low delay Hi-Fi audio transmission
- Virtual 7.1 surround sound, accurate pan and ambient gaming experience
- Ø50mm NdFeB driver, high sensitivity, wide response and dynamic
- Detachable microphone, high quality picking up, prominent talkback experience
- Low power consumption, up to 30h gaming time
- Compatible with multiple systems for mobile equipment/PC application

Product Content

Wireless gaming headset	1 pc
Detachable microphone	1 pc
USB wireless adapter	1 pc
Audio cable	1 pc
User manual	1 pc

Application

Suitable for PC, MAC, PS4™, Xbox One and mobile equipment

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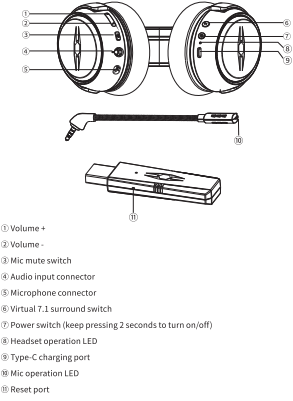
Specification

Type: dynamic Unit Dia: Ø50mm Unit impedance: 32 ±15% Headset Frequency Response: 20Hz-20KHz Headset Sensitivity: 97±3dB Headset Specification Sample Rate: 48KHz/16bit Frequency Response: 20Hz-20KHz THD: THD <0.5% 1KHz Output Power: 15mW/32Ω S/N Ratio: 90dB (A-Weighted) Virtual 7.1: DSP hard decode Operation Time: more than 30h Charging Time: approximate 2.5h Net Weight: approximate 330g	Microphone Specification Polar Pattern: unidirectional Sensitivity: 36dB±3dBV (0dB=1V/Pa at 1KHz) Output Impedance: 2.2KΩ at 1KHz
Wireless Specification Operation Frequency: 2402~2480MHz Transmission Power: <2dBm Receiving Sensitivity: -85dBm Delay: <16ms Data Transmission: USB2.0, supporting HID protocol Effective Range: more than 15m	
Note: 1.Charging time and operation time depend on the operation status. 2. The transmission range changes according to the obstacles between the devices, the magnetic field around the microwave oven, static electricity, receiving sensitivity, antenna performance, operating system and other factors 3. The above data is obtained from the test of Takstar laboratory and has the final interpretation right!	

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Operation Instruction

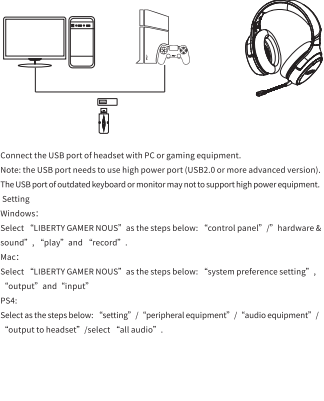
A. Function



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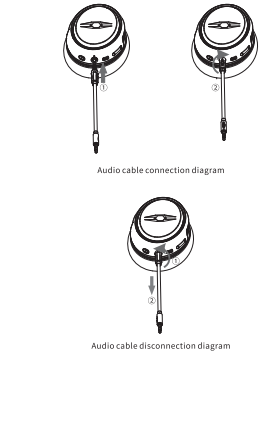
B. Equipment connection

Wireless connection

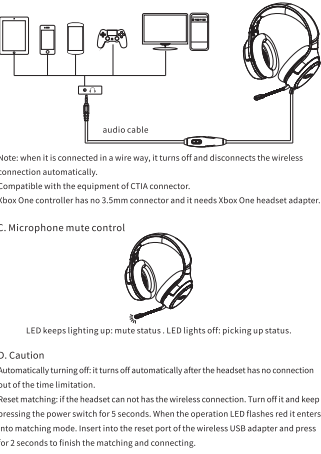


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Wired connection



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Correct Operation

For safe and comfortable operation, please read carefully and abide by the following items:

1.To avoid hearing loss, set the volume of the player to minimum before connecting the headset. After putting the earphone on, increase the volume to a proper level. Noise is measured in decibels (dB). Any outside noise of 85 decibels or more will cause gradual hearing loss.

2. Please pay attention to your operation habits! Volume and time are directly and inversely proportional to hearing loss. The louder the volume, the shorter the time you listen; the more comfortable the volume is, the longer the time you listen. Listen high volume sound will cause damage to your hearing.

This dB table lists the comparison of some normal sounds and the potential hurt level to your hearing:

Sound from	Noise level	Hearing Impact
Whisper	30dB	Very quiet
A quiet office	50-60dB	Comfortable hearing level below 60dB
Vacuum cleaner / blowers	70dB	It has certain invasiveness, causing interference and hindering telephone conversation
Food processor	85-90dB	85 is the level at which hearing loss (8 hours in a row) begins
Garbage cleaner Concrete mixer	105dB	It is recommended not to expose to 90-100dB sound for more than 15 minutes without protective measures
Electric saw / drill	110dB	Risk of hearing loss if exposed to more than 100dB for more than 1 minute
Rock & roll concert (varies by situation)	110-140dB	The threshold of pain starts at about 120dB

The average person can hear the music safely at 70% volume for 4.6 hours every day. It is very important to know the volume and time when hearing music. Use your equipment sufficiently at safe volume level to enjoy the outstanding sound performance.

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Maintenance

- 1.The rated power of headphone is 10mW. Please do not operate it at overload status to avoid headphone (or earphone) damage.
- 2.Please keep the headphone (or earphone) in dry and clean environment. During operation, prevent the headphone (or earphone) from water entering into it or dropping or colliding to avoid damage.
- 3.Operating the headphone in high temperature or high humidity leads to headphone damage or shortening the headphone life.
- 4.Keep the headphone away from strong magnet to avoid demagnetizing or headphone sensitivity decreased.
- 5.Do not use strong chemical or detergent for cleaning.
- 6.Do not use sharp article to scratch the product surface.
- 7.Please do not disassemble or repair the headphone by yourself to avoid problem happens.

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Caution

⚠ DANGER <ul style="list-style-type: none">• To guarantee personal safety,do not wear or keep the headphone close (less than 10cm)to the pacemaker.• Do not connect the cable plug with AC power socket• To guarantee personal safety,do not operate the headphone (or earphone)during driving or riding or walking.• Keep the headphone(or earphone)away from fire to avoid explosion.	<ul style="list-style-type: none">🚫 Prohibition🚫 Prohibition🔦 Implementation🚫 Prohibition
⚠ WARNING <ul style="list-style-type: none">• Supervise the children when they are using this product because this product is not a toy.• Abide by the relative regulation or law during operation. Do not use this headphone if it is prohibited by regulation or law to avoid accident	<ul style="list-style-type: none">👤 Implementation👤 Implementation

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Icon meaning

CE According to the test results of RL2004 / 108 / EG and European low voltage directive RL2006 / 95 / EG, this product conforms to the limit values specified in the directive of the European Community on the integration of the laws of the member states on electromagnetic compatibility.

♻ This symbol indicates that according to WEEE Directive (2012 / 19 / EU) and national laws, this type of waste will have potential harmful substances, which may have a negative impact on the environment and human health, so this product should not be disposed together with your household waste, and should be handed over to the authorized electrical and electronic equipment (WEEE) recycling station for recycling. At the same time, when you handle this product correctly, it will help the effective use of natural resources. For more information on where you can place your waste recycling equipment, please contact your local city office, Waste Management Bureau or household waste treatment service.

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FC NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

产品服务保证书

姓名: _____ 电话: _____ 地址: _____ 日期: _____ 年 _____ 月 _____ 日

商品: _____ 型号: _____ 购买日期: _____

维修记录表 (由维修人员填写)	维修人员签名	日期

★ 广东新宝电子有限公司 电话: 400-6020-333 ★ 地址: 广东新宝电子有限公司总部大楼一楼B座

注意事项:

1. 本产品为消费电子产品, 请正确使用, 如出现质量问题, 请及时联系售后服务。
2. 请勿私自拆卸、改装或修理本产品, 以免造成损坏或安全隐患。
3. 请勿在不安全的环境下使用本产品, 如潮湿、高温、易燃易爆等环境。
4. 如使用过程中出现异常, 请及时停止使用, 并联系售后服务。
5. 请勿将本产品用于非法用途, 否则将承担法律责任。
6. 以上保修条款仅适用于本产品, 不适用于其他配件。

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