主动快门式3D电视眼镜

用户手册

3D Active Glasses for TV

User Manual

用 户 指 南

（G05-BT）3D眼镜

产品概述

G05-BT可用来观看3D电视机播放的3D影像。
G05-BT必须与3D电视结合使用才能享受3D视觉效果。

零部件与组成部分

首次使用3D眼镜

※　在任意一台3D电视上首次使用3D眼镜，必须先进行一次信号搜索。
※　在搜索过程中，只能开启一台3D电视，并保持电视输出3D视频。
※　在搜索过程中，3D眼镜保持在电视正前方1米左右。

◆ **3D信号搜索**

在关机状态下，长按电源按钮直到指示灯亮蓝色并闪烁再松手。搜索成功后，指示灯熄灭。如果10秒内搜索不到3D信号，指示灯会熄灭，眼镜关闭。

使用3D眼镜

◆ **开机**

在关机状态时，按下电源按钮立即松开即可开机。此时如果在有效连接距离内，且连接到3D电视，则指示灯亮大约5秒且镜片变色，说明连接成功；如果没有连接到3D电视，则镜片不会有反应，指示灯也不会亮。

◆ **关机**

在开机状态并已经连接到3D电视时，按下电源按钮立即松开，眼镜片变亮即为关机。

◆ **电池充电**

当电池电量不足时，无法开机。长按开关进入搜索状态时，蓝色指示灯亮度会明显变暗。请及时充电，充电过程中，充电LED指示灯一直亮红色。电池充满电后，指示灯熄灭。

连接方法：首先打开3D眼镜充电接口的橡胶塞，将附件中USB线的充电线插入到眼镜充电接口。再将附件中USB线的USB接口端插入到任意含有USB接口的设备中，如：3D电视、台式电脑、笔记本电脑、USB接口充电器等。

电视观看指南

> 在荧光灯（50-60HZ）或者三波长灯下观看3D影像时，您可能会注意到轻微的画面闪动。如果出现这种现象，请将光线调暗或将灯关闭。
> 在观看3D影像过程中，如果更换频道或输入模式，3D眼镜将关闭，并且画面可能显示异常。
> 若因观看距离发生变化，导致3D眼镜接收电视机的3D同步信号失败，3D眼镜将在3秒钟内自动关闭。
> 在特定情况下，3D眼镜可能会由于PDP或LCD电视等电子设备的噪音干扰而无法正常工作。
> 观看3D影像时，确保您位于最佳观看距离和角度范围内。否则，您可能无法享受很好的3D效果。

安全措施

请认真阅读下面的安全指示信息，以避免遭受人身伤害及财产损失。

⚠ **警告**

> 儿童或青少年观看3D影像时，请父母小心监督。
> 请注意：长时间近距离观看3D电视可能降低你的视力。

> 请注意，长时间佩戴3D眼镜观看电视可能导致头痛或疲劳。如果您感觉头痛、疲劳或者头晕，请立即停止观看并稍事休息。
> 光敏性癫痫警告和其它健康风险：
1、在观看某些电视画面或视频游戏中的某些闪烁影像或光亮时，一些观众可能会癫痫发作或中风。如果您有癫痫或中风家族病史，请在使用本产品前先咨询医学专家。
2、即使那些没有个人或家族癫痫或中风史的人，也有可能导致"光敏性癫痫发作"未诊断出的情况。
3、如果您出现以下症状，请立即停止观看3D影像并咨询医学专家：
（1）眼花（2）晕眩（3）头晕（4）眼睛或肌肉抽搐等不自主运动
（5）心理混乱（6）呕吐（7）失去意识（8）抽搐 （9）抽筋
（10）丧失方向感。父母应监督并询问孩子出现以上症状，儿童和青少年出现这些症状的几率大于成人。
> 建议身体状况差，睡眠不足或者饮酒的人不要观看3D影像。
> 在您感到思维混乱、疲倦或身体不适时，请勿观看3D影像。
> 一些3D画面可能会使观众受到刺激和惊吓。建议孕妇、幼儿、老人、癫痫患者以及身体状况不佳的人士避免使用本产品观看3D影像。
> 请小心留意您周围的环境。本产品旨在提供身临其境的感觉。请勿在开放的楼梯间、缆线、阳台或容易被绊倒、撞上、打破或掉落的物体附近使用本产品。受到惊吓或被诱导认为看到的3D图像是真实情况时，可能会导致您压坏周围的物品或因移动身体而受伤。
> 观看3D影像时，请勿在附近放置任何容易打碎的物品。观众观看3D影像可能发生不自主运动或异常反应，导致附近的物品受损或自身受到伤害。
> 除了观看3D影像外，请勿将3D眼镜用于其它任何超出设计目的之外的用途。佩戴3D眼镜用作其它目的（作为普通眼镜、太阳镜、防护镜等）可能会给您的视力和健康带来损害。

注意事项

> 请勿将本产品暴露于阳光下，或置于可接触到热源、火源或水的位置。否则可能会导致产品无法正常工作或引起火灾。
> 请勿对3D眼镜的镜片施加强力。请勿使本产品跌落或弯折。否则可能会导致产品无法正常工作，甚至损坏本产品。
> 清洁产品时，请勿将清洁剂直接喷洒于产品表面。否则会使产品表面的指示标签脱落或损坏产品的表面。
> 请勿将产品接触含有酒精、溶媒或表面活性剂的化学试剂，或者接触石蜡、苯、稀释剂、驱蚊剂、润滑剂或清洁剂之类的化学试剂。否则可能导致产品的表面变色或产生裂痕，也可能使指示标签从产品表面脱落。

> 产品的镜片容易破碎，请使用干净的软布（特级纤维、棉绒）进行清洁，以避免刮伤镜片。用带有异物的清洁布擦拭可能会刮伤产品。
> 请勿尝试更换产品所使用的锂电池。

故障诊断

问题	尝试解决方法
3D快门眼镜无法正常工作	>确保在允许的距离范围内观看3D影像。 >3D眼镜与电视机正前方之间的直线距离小于5米。 >检查电视机的3D功能设置。
长按开机进入搜索状态，蓝色指示灯闪烁但是亮度明显变暗，未成功连接到3D电视时就熄灭。	>电池电量已经耗尽，请用USB充电线给电池充电。
左右图像相反	>参照3D电视模式设置。

产品参数

眼镜类型	主动快门式
同步信号	蓝牙
显示兼容性	3D HDTV,Blu-ray players
频率	120Hz
响应时间	2.0ms
对比度	750
透光率	≥37%
电池类型	3.7V/70mAh 聚合物锂电池
单次充电连续工作时间	约60小时
充电时间	约2小时
产品规格	165x40x165mm
净重	46g
环境温度	0℃－40℃
相对湿度	20%–80%RH
气压	86kPa–106kPa

3D Active Glasses for TV

User's Guide

Product Overview

G05-BT 3D glasses is a device that enables you to view 3D images.

G05-BT 3D glasses should work with 3D TV,then you can enjoy realistic, vivid 3D images.

Parts and Components

The First Time of Using 3D Glasses

※ Please make Signal Searching at the first time of using 3D glasses on each Bluetooth TV/Projector.
※ While searching 3D signal, please do not turn on more than one 3D TV, and make sure the TV is displaying 3D.
※ While searching 3D signal, please keep 3D glasses right in front of 3D TV about 0.5 metre.

◆ **3D Signal Searching**

With 3D Glasses off, long press the button until the blue indicator light appears, then release your hand immediately. The blue light keeps blinking which means the glasses is searching signal. If signal is searched, the light extinguishes and the lens becomes dark (3D glasses start working). If signal is not searched in 10 seconds, indicator light extinguishes and glasses turns off.

Use 3D Glasses

◆ **Power On**

With the glasses off, short press the button and release hand immediately. (Please assure the glasses stay within effective distance from the TV.) After receiving signals, the LED indicator keeps light for 5 seconds and the lens becomes dark. If not connected with 3D TV successfully, no indicator light, no response of lens.

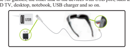
◆ **Power Off**

With 3D Glasses on and working, short press the button, the lens becomes bright which means the glasses is off.

◆ **Battery Charging**

When the battery is in low power, the 3D glasses can't be powered on. At this time if you long press the button to searching mode, you will see the LED indicator becomes darker than normal. Please recharge. During charging, working indicator is always red until charging finished.

Connection Method: One port of the charging cable connect to the 3D glasses, the other link to the devices with USB port, such as: 3D TV, desktop, notebook, USB charger and so on.



3D Viewing Guidelines

➢ When watching 3D images under a fluorescent lamp (50Hz-60Hz) or a 3 wavelength lamp, you may notice a small amount of screen flickering. If so, dim the light or turn the lamp off.
➢ If you change the channel or input mode when watching 3D, 3D glasses will power off, and the screen could be display abnormally.
➢ If the 3D signal disconnected due to the change of viewing distance, the 3D glasses will power off automatically after 3 seconds.
➢ Under certain cases, the 3D active glasses may not work properly if there are any other 3D products or electronic devices are turned on near the glasses or TV.
➢ Be sure to stay in the optimum viewing angle and distance when watching 3D videos. Otherwise, you may not be able to enjoy perfect 3D effects.

Safety Precautions

Please read these safety instructions to ensure your personal safety and prevent property damage.

⚠ **WARNING**

➢ Parents' careful supervision is required particularly when children or teenagers view 3D images.
➢ Note that watching TV while sitting too close to the screen for an extended period of time may weaken your eyesight.
➢ Note that watching TV while wearing 3D glasses for an extended period of time may cause a headache, fatigue, or dizziness. If you have above symptoms, stop watching immediately and rest.
➢ Photosensitive seizure warning and other health risks:
1. Some viewers may experience an epileptic seizure or stroke when exposed to certain flashing images or lights contained in certain television pictures or video games. If you or any of your relatives has a history of epilepsy or strokes, please consult with a medical specialist before using the 3D function.
2. Even those without a personal or family history of epilepsy or stroke may have an undiagnosed condition that can cause "photosensitive epileptic seizures."
3. If you experience any of the following symptoms, please stop watching 3D pictures and consult a medical specialist: (1) altered vision;

(2) lightheadedness; (3) dizziness; (4) involuntary movements such as eye or muscle twitching; (5) confusion; (6) nausea; (7) loss of awareness; (8) convulsions; (9) cramps; (10) disorientation. Parents should monitor and ask their children about the above symptoms. Children and teenagers may be more likely than adults to experience these symptoms.
➢ If you are in bad physical condition, sleep deprived, or you have drunk alcohol, we strongly recommend you not to use 3D glasses or view 3D pictures.
➢ Do not watch 3D pictures when you feel incoherent, sleepy, tired or sick.
➢ Some 3D pictures may startle viewers. The pregnant, elderly, epileptic, and those suffering from serious physical conditions are advised to avoid utilizing the unit's 3D functionality.
➢ Please be aware of the world around you. This product is designed to be immersive. DO NOT use this product near open stairwells, cables, balconies or other objects that can be tripped over, run into, knocked down, broken or knocked over. If you are startled or misconstrue the 3D images as real, you may crush a nearby object or injure yourself by trying to move your body.
➢ When watching a 3D video, do not place anything nearby that can be easily broken. Involuntary movements or surprised reactions may occur, causing you to break surrounding objects or hurt yourself.
➢ Do not use the 3D glasses for any purpose other than the purpose it was designed for. Wearing the 3D glasses for any other purpose (as general spectacles, sunglasses, protective goggles, etc.) may physically harm you or weaken your eyesight.

Caution

➢ Do not place the product in a location exposed to direct sunlight, heat, fire or water. This may result in a product malfunction or fire.
➢ Do not apply force to the lenses of the 3D glasses. Do not drop or bend the product. This may result in a product malfunction.
➢ When cleaning, do not spray cleaner directly onto the surface of the product. This may result in fire or electric shock, damage to the product surface, or result in the indication labels peeling from the product surface.
➢ Do not use chemicals containing alcohol, solvents or surfactants or chemicals such as wax, benzene, thinner, mosquito repellant, lubricant, or cleaners. These may result in discoloration or cracks on the product surface and cause the indication labels to peel from the product surface.
➢ Since the product surface and the lenses are easily scratched, make sure to use a clean soft cloth (superfine fibers, cotton flannel) when cleaning to avoid scratching either the surface or the lenses. As the product

may become scratched if there is any foreign material on the cloth, make sure to shake off the dust before using.
➢ Do not attempt to replace the battery. The battery is not replaceable.

Troubleshooting

If you encounter	Try this
My 3D glasses do not operate.	-- Be sure to stay in the effective viewing distance. -- Make sure that the distance between the TV and your 3D glasses is less than 5 m in a straight line. -- Check the 3D function settings of your TV.
Long press the button to searching mode, the LED indicator is darker than normal, and goes off before connecting with 3D TVs.	-- The battery is drained. Charge it with the charging cable.
Left-Right Images Reversed.	-- Please refer to 3D TV mode settings.

Specifications

3D Glasses type	Active shutter glasses
Synchronous	Bluetooth
Display compatibility	3D HDTV,Blu-ray players
Frequency	120HZ
Response Time	2.0ms
Contrast	750
Transmission	≥37%
Battery Type	3.7V/70mAh chargeable lithium-ion
Continuously Working Time	about 60 hours
Charge Time	about 2 hours
Dimension	165 × 40 × 165 mm
Net Weight	46g
Environment Temperature	0°C - 40°C
Relative Humidity	20%-80% RH
Atmospheric Pressure	86 kPa-106kPa

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.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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 a 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.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

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V3.0