



**LG**

Life's Good

OWNER'S MANUAL

# 3D GLASSES

Please read this manual carefully before operating and keep it for future reference.

AG-S100

REV.01

[www.lge.com](http://www.lge.com)

## CAUTION

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

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- 1 If you experience difficulty while viewing 3D images with the 3D glasses, you may have some problems with your eyesight.
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- 2 You may experience headaches or fatigue when viewing 3D images through the glasses for too long.
    - If you experience headaches, fatigue, or dizziness, stop watching immediately.
- 
- 3 Do not drop objects onto the product or import force to the product.
    - This may result in electric shock or fire.
- 
- 4 Do not use your product near a humidifier or kitchen counter.
    - This may result in electric shock or fire.
- 
- 5 Do not use the product while charging it! Use the product only after disconnecting the USB cable.
    - Failing to do so may result in fire or electric shock.
- 
- 6 Do not disassemble, repair or modify the product or its parts.
    - Failing to do so may result in damage to the product or a malfunction.
- 
- 7 The following people should not use this product: Pregnant women, infirm persons, persons with heart issues, as well as persons that become nauseous easily.
    - People with these conditions should not use this product.
- 
- 8 When watching 3D video, do not place anything nearby that can be easily broken.
    - You may mistake a 3D image for an actual object and move your body, causing you to break nearby objects and hurt yourself.
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- 9 Use this product for watching 3D video only. Do not use it for any other purpose.
    - Do not use the 3D Glasses as sunglasses or reading glasses.

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- 10 Do not spray cleaner directly onto the surface of the product.
    - This may result in discoloration and cracks and may cause the screen display to peel off.
- 
- 11 Do not let water come into contact with the product when cleaning it. Ensure that water does not enter the product.
    - This may result in electric shock or fire.
- 
- 12 Since the lens of the product is easily scratched, make sure to clean the product with a soft cloth.
    - As the product may be scratched if there is any foreign material on the cloth, make sure to shake off any dust before using it.
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- 13 As the 3D glasses receive infrared rays from the Emitter, if there is another infrared communications device nearby, this may affect the glasses.
- 
- 14 Do not scratch the surface of the Liquid crystal shutters with a sharp tool and do not clean it using chemicals.
    - This may degrade the screen quality.
- 
- 15 Do not apply force to the liquid crystal shutter. Do not drop or bend the product.
- 
- 16 When watching 3D video, ensure that you are viewing the video within the specified receiving range. (For more information, refer to the specifications in this manual)
    - If the receiving range is out of the specified range, the screen may not be viewable as 3D video.
    - If you press your TV remote control while watching 3D video, the screen may blink. However this does not affect the product's performance.
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- 17 Flickering may be generated by the 3D glasses (60 Hz) when watching the 3D screen when a magnetic fluorescent lamp (50 Hz) is on.
    - If you encounter this symptom, please turn off the light and continue watching.

# FEATURES

The AG-S100 3D glasses enable you to view 3D video and images on 3D LG Televisions.

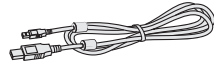
- The TV communicates with the glasses using a infrared transmitter that is included with 3D LG TVs.

# ACCESSORIES

ENGLISH



3D Glasses



8-pin mini USB cable



Manual CD



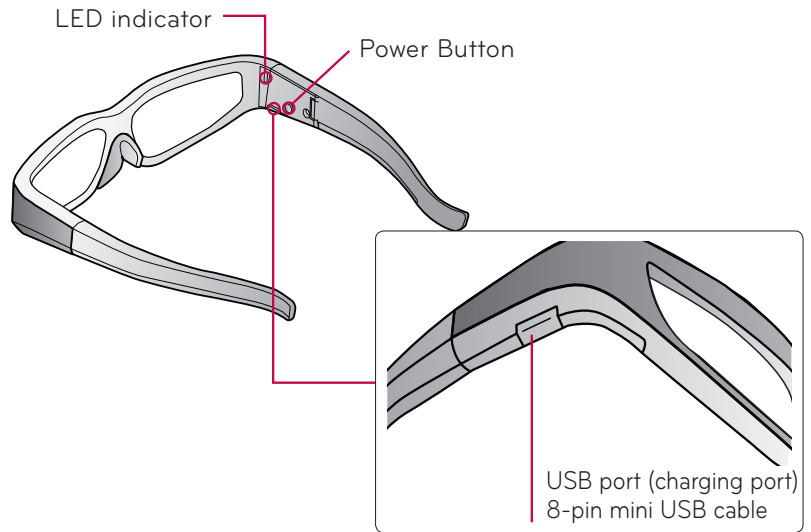
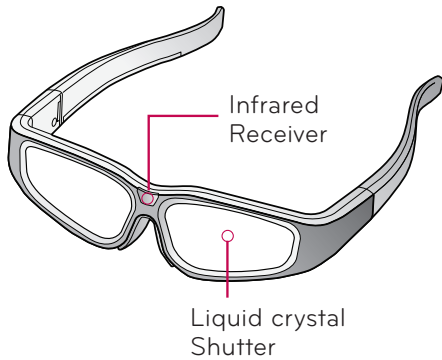
Quick Start Guide



Cleaning cloth

**NOTE** ▶ The accessories represented in this manual may differ from the actual appearances.

# PART NAMES



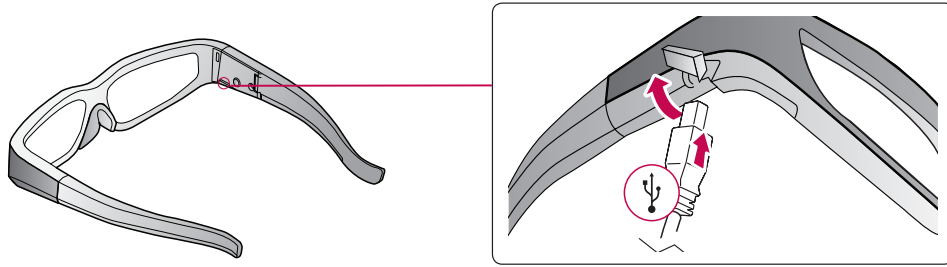
# USING 3D GLASSES

	Button Operation	LED Indication
Power On	Press the Power button once.	The red LED blinks once.
Power Off	Press and hold down the Power button	The red LED blinks three times.
Auto Off <sup>*1</sup>	The power is automatically turned off if no signal is transmitted for 1 minute.	The red LED blinks three times.
Battery (Lithium polymer) discharge	-	If the battery is discharged, the LED blinks for 1 minute and turns off automatically. * When charging is completed, the LED is lit green.

**\*1** ▶ The Auto Off function automatically turns the 3D glasses off if it senses no signal from the 3D signal emitter on the TV. A change in the distance or angle from the 3D signal emitter when the user moves can cause the Auto Off feature to activate.

## CHARGING THE GLASSES

- 1 Connect the USB port located under the power button on the glasses to the USB port of the TV or PC using the supplied 8-pin mini USB cable as shown by the figure.



- 2 Charge the glasses until the LED is green. The glasses will fully charge in about 2 hours.

- NOTE**
- ▶ While charging: The LED is red.
  - ▶ When charging is complete: The LED is green.
  - ▶ When the battery is discharged: The LED blinks for 1 minute and turns off automatically.

- CAUTION**
- ▶ If you use a USB cable other than the one (8-pin mini USB) supplied with the product, the product may be damaged.

## TROUBLESHOOTING

Problem	Suggestion
Q. The glasses do not work.	<p><b>A.</b> The battery (Lithium Polymer) may be discharged, charge the battery with the 8-pin mini USB cable.</p> <p><b>A.</b> Check that the distance between the TV and your 3D glasses is less than 23 ft (7 m) in a straight line.</p> <p><b>A.</b> Check the 3D function settings of your TV.</p>
Q. The LED blinks continuously.	<p><b>A.</b> This occurs when the battery (Lithium Polymer) is discharged. In this case, charge the battery with the supplied 8-pin mini USB cable.</p>
Q. I charged the glasses with the 8-pin mini USB cable, but it is not charged.	<p><b>A.</b> Check if the 8-pin mini USB cable is properly connected to the product.</p>

# SPECIFICATIONS

AG-S100				
Optics	Shutters	Liquid crystal	Transmittance	> 30 %
	Contrast Ratio	Max. 500:1	Field Rate	120 fields/s
	Open Time	< 3.5 ms	Close Time	< 1 ms
	Emitter (Viewing Angle)	Horizontal: ± 50 degrees at 16 ft (5 m)		
		Vertical: ± 50 degrees at 16 ft (5 m)		
	Max. Signal Receiving Distance	23 ft (7 m) (on-axis)		
Weight	Glasses	1.45 oz (approx. 41 g)		
Power Supply	Glasses	<ul style="list-style-type: none"> <li>· USB Cable: 8-pin mini USB cable</li> <li>· Battery: 80 mA/h</li> <li>· Operating time when On: 40 hours</li> </ul>		
Operating Conditions	Operating Temperature	0 °C ~ 40 °C		
	Storage Temperature	-20 °C ~ 60 °C		

☞ The images and specifications presented in this user manual are subject to change without prior notice for quality improvement purposes.



**English Disposal of your old appliance**

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.



**English Disposal of waste batteries/accumulators**

1. When this crossed-out wheeled bin symbol is attached to batteries/accumulators of Your product it means they are covered by European Directive 2006/06/EC.
2. This symbol may be combined with chemical symbols for mercury (Hg), cadmium (Cd) or lead (Pb) if the battery contains more than 0.005% of mercury, 0.002% of cadmium or 0.004% of lead.
3. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
4. The correct disposal of Your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.
5. For more detailed information about disposal of Your old batteries/accumulators, please contact Your city office, waste disposal service or the shop where You purchased the product.



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.

### 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.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

### Warranty period

1 year. If it proves to be defective with regards to the materials or workmanship under normal operating conditions during the warranty period, please contact the retailer where you purchased it. This warranty is only valid for the original purchaser of the product and is only effective locally.



Manufactured : Accupix Inc.