

**Active
Glasses**

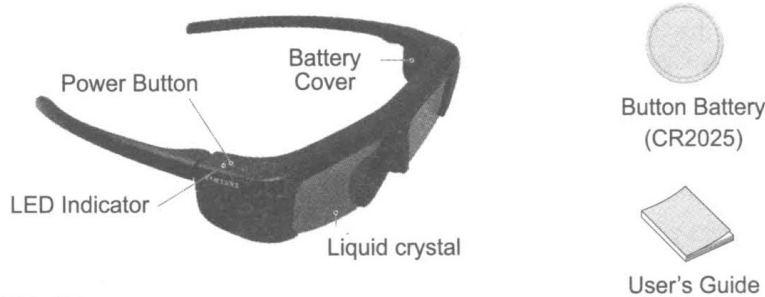
SSG-2100AB

User's Guide

Product Overview

The SSG-2100AB is a device that enables you to view 3D images. Samsung 3D Active Glasses must be used with Samsung 3D TV to enjoy 3D.

Parts and Components



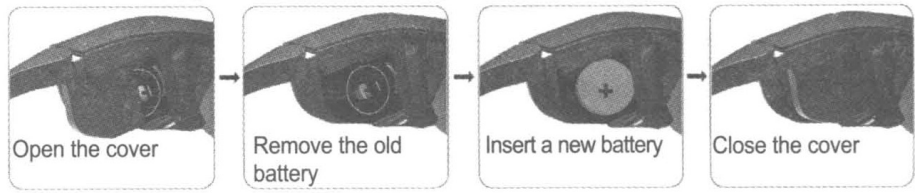
Using 3D Glasses

- ◆ On
 -
- ◆ Off
 -
- ◆ Motion Range
 -

➤ Signal range depends on kinds & size of TV and viewing angle.

◆ Replacing the Batteries (Lithium/manganese Battery, CR2025)

Red LED Blinks every three seconds continually, replace the Batteries with new ones.



◆ Rules for TV Watching

- If you are watching 3D in a room lit by a light magnetic fluorescent lamp (50Hz or 60Hz), you may see flickering on the 3D Glasses. If this occurs, please turn off the light.
- If you change the channel or input mode when watching 3D, the TV will change to 2D from 3D automatically. When the TV changes from 3D to 2D the glasses will automatically turn off.
 - ※ 3D glasses may not work properly for a few seconds at this time.
- If the Emitter becomes disconnected due to either a change in the angle or viewing distance, the 3D glasses turn off automatically after 2 minutes. In this case, Red LED Blinks three times.
 - ※ 3D glasses may not work properly due to noise interference from other electric devices under specific conditions.

Caution

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

- Please note that if you watch 3D TV for too long while wearing 3D glasses, you may experience headaches or fatigue. If you experience headaches, fatigue or dizziness, stop watching immediately and rest.
- Pregnant women, people with heart issues or become easily nauseous, as well as persons with epilepsy should not watch 3D videos. Some 3D videos may surprise or overexcite viewers.
- When watching a 3D video, do not place anything nearby that can be easily broken. Involuntary movement or surprised reaction may occur as a result of watching 3D TV resulting in surrounding objects being broken or viewers harming themselves.
- Use this product only for viewing 3D TV. Do not use it for any other purpose. If you use the 3D glasses as normal glasses, sunglasses, or protective goggles, etc., your eyesight may be damaged.
- 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.
- Use only specified standard batteries. When replacing the batteries, insert them in the correct polarity (+, -). Failing to do so may damage the battery or result in a fire, personal injury or pollution of the environment due to the internal liquid leaking.
- Do not let your children swallow the battery when it is removed from the product. Place the battery in a location that is out of the reach of your children. If your child has swallowed the battery, consult your doctor immediately.
- 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, solvent, or surfactant, or chemicals such as wax, benzene, thinner, mosquito repellent, 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 lens are easily scratched, make sure to use a clean soft cloth (superfine fibers, cotton flannel) when cleaning them to avoid scratching the lens. As the product may become scratched if there is any foreign material on the cloth, make sure to shake off any dust before using it.

※ Warning: Photosensitive Epilepsy

1. Depending on the person, people may experience seizures triggered by visual stimuli from specific images, flashing lights or patterned scenes while watching some videos or games. If you or any of your relatives have a history of epilepsy or seizures, make sure to consult a medical specialist before watching.
2. If you experience any of the following symptoms while watching a 3D video, stop watching immediately and rest: dizziness, tics, cramps, unconsciousness, confusion, disorientation, nausea. If you experience any of these symptoms repeatedly, consult a medical specialist.
3. In particular, parents should carefully observe children while they are watching 3D videos.

Troubleshooting

If you encounter...	Try this...
My 3D glasses do not operate.	<ul style="list-style-type: none">➤ Replace the battery if it is drained.➤ Focus your 3D glasses towards TV front. Make sure that the distance between TV and your 3D glasses is less than 19.68 feet ((6m) (in a straight line)).➤ Check the 3D function settings of your TV.
The LED blinks continually.	<ul style="list-style-type: none">➤ The battery is drained. Replace it with a new one.

SPECIFICATIONS(Model Name : SSG-2100AB)

Optics	Shutters	Liquid crystal	Transmittance	35±2%
	Max. Signal Receiving Distance	6m (19.68 feet)	Field Rate	120 fields/s
Weight	Glasses	1.18oz(33.4g)/1.27oz(35.9g) include battery		
Power Supply	Glasses	One 3V lithium/manganese dioxide batteries. (CR2025)		
Power Consumption	Glasses	2.5mA (Average)		
	Battery	Type	165mAh, 3.0V (CR2025)	
		Operating time when On	50 hours	
Operating Conditions	Operating	32°F to 104°F (0°C to 40°C)		
	Storage	-4°F to 140°F (-20°C to 60°C)		

LIMITED WARRANTY TO ORIGINAL PURCHASER (Warranty : 1 year)

For 3D glasses, ship in service will be provided during the warranty period. Samsung shall repair or replace and return to the purchaser. Purchaser is responsible for shipping in the product. Samsung is responsible for return shipping after repair or replacement.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, and except to the extent otherwise expressly provided for in this statement, noncommercial use of this product, and shall not apply to the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning or other acts of nature; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG which damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book; reception problems and distortion related to noise, echo, interference or other signal transmission and delivery problems;

SAMSUNG does not warrant uninterrupted or error-free operation of the product.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED AND DESCRIBED ABOVE, AND NO WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY AFTER THE EXPRESS WARRANTY PERIODS STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON SAMSUNG.

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THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.

.....**Regulatory Compliance Statements**

FCC COMPLIANCE

1) Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2) 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.

If an apparatus is provided with a replaceable lithium battery, the following applies:

- if the battery is intended to be replaced by the USER, there shall be a warning close to the battery or in both the instructions for use and the service instructions;
- if the battery is not intended to be replaced by the USER, there shall be a warning close to the battery or in the service instructions.

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.

A warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.



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Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

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Latin America	ARGENTINE	0800-333-3733	www.samsung.com
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