

ViewSonic®



PGD-350

3D Glasses

User Guide

IMPORTANT: Please read this User Guide to obtain important information on installing and using your product in a safe manner, as well as registering your product for future service. Warranty information contained in this User Guide will describe your limited coverage from ViewSonic Corporation, which is also found on our web site at <http://www.viewsonic.com> in English, or in specific languages using the Regional selection box in the upper right corner of our website. "Antes de operar su equipo lea cuidadosamente las instrucciones en este manual"

Model No. VS15689

Compliance Information

FCC Compliance Statement

This device complies with part 15 of 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.

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.

Warning: You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

CE Conformity for European Countries

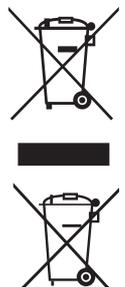
 The device complies with the EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC.

Following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE).

The mark indicates the requirement NOT to dispose the equipment as unsorted municipal waste, but use the return and collection systems according to local law.

If the batteries, accumulators and button cells included with this equipment, display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury or more than, 0.002% Cadmium, or more than 0.004% Lead.



Declaration of RoHS2 Compliance

This product has been designed and manufactured in compliance with Directive 2011/65/EU of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS2 Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr ⁶⁺)	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex III of the RoHS2 Directives as noted below:

Examples of exempted components are:

1. Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes not exceeding (per lamp):
 - (1) Short length (≤ 500 mm): maximum 3.5 mg per lamp.
 - (2) Medium length (> 500 mm and $\leq 1,500$ mm): maximum 5 mg per lamp.
 - (3) Long length ($> 1,500$ mm): maximum 13 mg per lamp.
2. Lead in glass of cathode ray tubes.
3. Lead in glass of fluorescent tubes not exceeding 0.2% by weight.
4. Lead as an alloying element in aluminium containing up to 0.4% lead by weight.
5. Copper alloy containing up to 4% lead by weight.
6. Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
7. Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectric devices, or in a glass or ceramic matrix compound.

Cautions and Warnings

1. The 3D glasses are used for 3D content viewing only. Do not use them for general eye wear purpose, such as sunglasses and general eye wear, Doing so may result in injury.
2. The glasses are powered by a rechargeable lithium-polymer battery, please charge the glasses with a standard 5V USB connection and do not damage the battery, or may result in injury or fire.
3. Do not place the glasses in a location exposed to direct sunlight, heat, fire or water. This may result in product malfunction or fire.
4. Clean the 3D glasses with a clean, lint free, dry, soft cloth. Any chemical cleaning agent spray on the 3D glasses may damage the product surface or cause product malfunction.
5. Do not apply force to the 3D glasses. Dropping or bending may damage the product.
6. When watching a 3D video, do not place anything fragile nearby. Involuntary movement or surprised reaction may occur as a result of certain 3D content which result in surrounding objects being broken or hurt yourself.
7. Please watch 3D content in the signal covered area, and make sure no object is placed close to the front of your glasses.
8. 50Hz or 60Hz magnetic fluorescent lamp may cause flicker to your 3D glasses. Turn off the lamp if this happens.
9. Do not use the 3D glasses if there are any wire exposed or cracks to the lens.
10. Do not let your child to remove the battery of 3D glasses and swallow it, if this happen, consult a doctor immediately.
11. We recommend pregnant women, people with heart disease or epilepsy and people who are easily nauseous should not watch 3D content.
12. Due to the stereoscopic effects and the uncompleted visual development of younger children under 3 years of age we recommend you not allow them to watch 3D content. Watching 3D for a long time may affect there visual development.
13. Watching 3D content for a long time may cause headache or eyestrain to you, please stop watching if you have any uncomfortable feeling and take a rest immediately. Please consult a doctor if the feeling do not release.
14. Some individuals may experience seizure or other complications when exposed to certain visual images, including flashing lights or patterns that may appear in a video or games. If you or any of your relatives have a history of seizures or epilepsy consult a doctor before watching.

Copyright Information

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Product Registration

To fulfill possible future product needs, and to receive additional product information as it becomes available, please visit your region section on ViewSonic's website to register your product online.

Registering your product will best prepare you for future customer service needs.

Please print this user guide and fill the information in the "For Your Records" section. For additional information, please see the "Customer Support" section in this guide.

For Your Records

Product Name:	PGD-350 ViewSonic 3D Glasses
Model Number:	VS15689
Document Number:	PGD-350_UG_ENG Rev. 1A 09-24-13
Serial Number:	_____
Purchase Date:	_____

Product disposal at end of product life

ViewSonic respects the environment and is committed to working and living green. Thank you for being part of Smarter, Greener Computing.

Please visit ViewSonic website to learn more.

USA & Canada: <http://www.viewsonic.com/company/green/recycle-program/>

Europe: <http://www.viewsoniceurope.com/uk/support/recycling-information/>

Taiwan: <http://recycle.epa.gov.tw/recycle/index2.aspx>

Getting Started

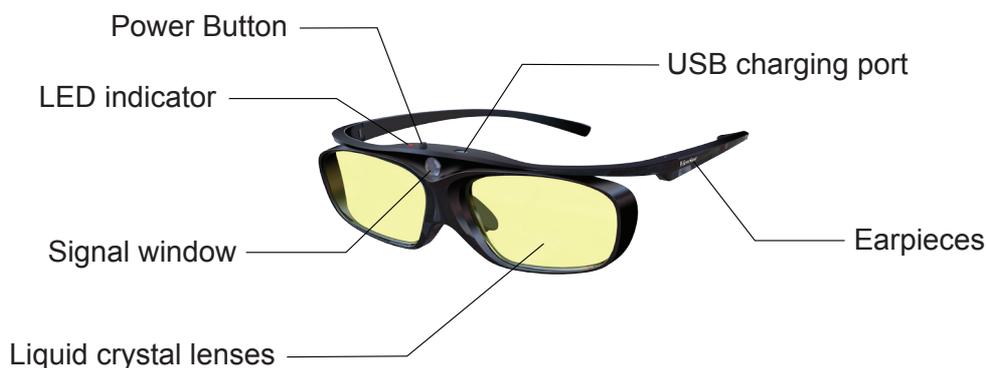
Product Overview

The 3D glasses in the package are designed to which 3D contents with DLP 3D ready projectors. The 3D glasses powered by advanced LCD shutter technology and anti-interference communication technology, will bring you a vivid and wonderful 3D experience.

Package Content

1. DLP-link 3D Glasses x1
2. Quality Cleaning Cloth x1
3. User's Guide x1
4. USB charging cable x1
5. Storage Pouch x1

Product Feature



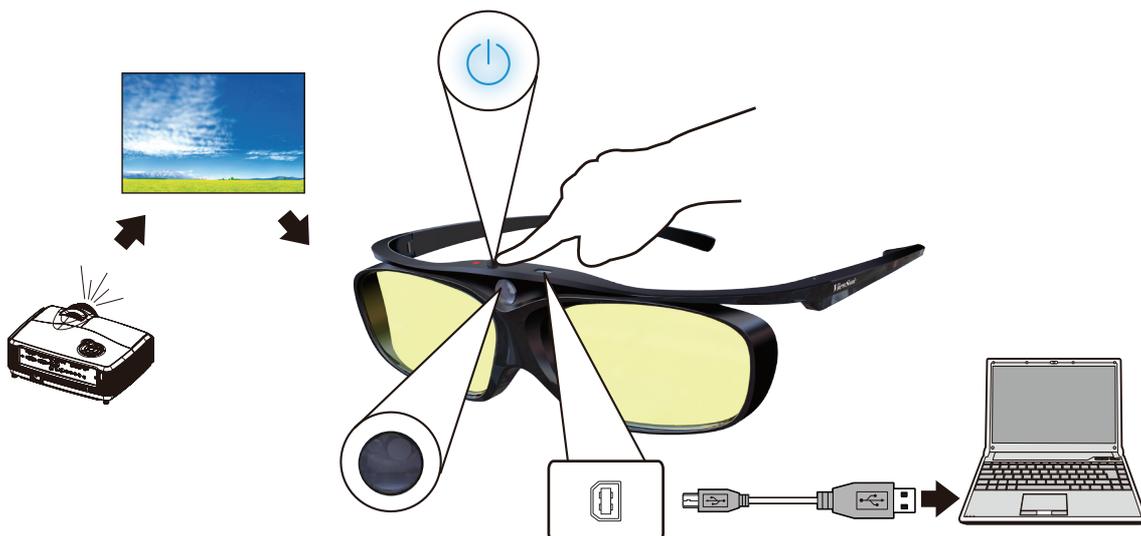
Operation Guide

Turn ON the 3D glasses: press and release the power button, Green LED indicator lights on for 1.5s indicating that the 3D glasses are powered on.

Turn OFF the 3D glasses: press and hold the power button for 1.5s, Green LED indicator blinks 3 times indicating that the 3D glasses are powered off.

Low Battery Warning: Green LED indicator blinks once per second when the batter is drying.

Charge the 3D glasses: Please charge your 3D glasses by connecting the 3D glasses to the USB port of your computer with supplied USB charging cable when they give low battery warning. Red LED indicator will keep lighting on until the charging is finished.



Kindly Reminder

The 3D glasses will activate their Auto OFF and Auto run intelligently in the following conditions.

1. The 3D glasses are standby (for a period of 5 minutes) when powered on, and they will turn into working mode once received the 3D sync signal during standby mode, otherwise, the glasses will automatically turn off with the green LED indicator blinking three times.
2. If the 3D glasses become disconnected with the signal because of : 1> incorrect distance and or angle, 2> input source changed, 3> switched to 2D mode, they will automatically work for a period of 3 seconds. The glasses will resume working once a 3D sync signal is received, otherwise, the glasses will enter into standby mode(for 5 minutes).

Other Information

Specifications

Shutters	Liquid Crystal	
Weight	32g	
Use range	About 8m	
Transmittance	38±2%	
SYNC Operation	DLP-Link	
Contrast Ratio	1200:1	
Power supply	Polymer lithium battery	
Working Current	1.9mA	
Refreshing rate	96Hz/100Hz/120Hz/144Hz	
Battery working time	Sustainable work time is 30 hours after full charging	
Working Condition	Working Temperature	0~40°C
	Storage Temperature	-5~50°C

Notice: For a better performance of the battery, please full charge the 3D glasses before the first time using and charge the glasses at least one time within 6 months.

Troubleshooting

What can I do if there is no 3D effect after I put on and turn on the 3D glasses?

- Please check if the DLP projector setup is in 3D mode or not.
- Check the battery volume of your 3D glasses, please charge it in time if low in power.
- Make sure your position is in the sync signal coverage so that the glasses can receive the signal.

Why do the lenses blink when watching 3D films?

- Please charge the 3D glasses immediately if the battery is seriously low.
- If there is light or other signal interference in the watching surroundings, please turn off interference source.

Customer Support

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product serial number.

Country/Region	Website	T = Telephone F = FAX	Email
Australia New Zealand	www.viewsonic.com.au	AUS= 1800 880 818 NZ= 0800 008 822	service@au.viewsonic.com
Canada	www.viewsonic.com	T (Toll-Free)= 1-866-463-4775 T (Toll)= 1-424-233-2533 F= 1-909-468-3757	service.ca@viewsonic.com
Europe	www.viewsoniceurope.com	www.viewsoniceurope.com/uk/support/call-desk/	
Hong Kong	www.hk.viewsonic.com	T= 852 3102 2900	service@hk.viewsonic.com
India	www.in.viewsonic.com	T= 1800 266 0101	service@in.viewsonic.com
Korea	www.kr.viewsonic.com	T= 080 333 2131	service@kr.viewsonic.com
Latin America (Argentina)	www.viewsonic.com/la/	T= 0800-4441185	soporte@viewsonic.com
Latin America (Chile)	www.viewsonic.com/la/	T= 1230-020-7975	soporte@viewsonic.com
Latin America (Columbia)	www.viewsonic.com/la/	T= 01800-9-157235	soporte@viewsonic.com
Latin America (Mexico)	www.viewsonic.com/la/	T= 001-8882328722	soporte@viewsonic.com
Renta y Datos, 29 SUR 721, COL. LA PAZ, 72160 PUEBLA, PUE. Tel: 01.222.891.55.77 CON 10 LINEAS Electroser, Av Reforma No. 403Gx39 y 41, 97000 Mérida, Yucatán. Tel: 01.999.925.19.16 Other places please refer to http://www.viewsonic.com/la/soporte/index.htm#Mexico			
Latin America (Peru)	www.viewsonic.com/la/	T= 0800-54565	soporte@viewsonic.com
Macau	www.hk.viewsonic.com	T= 853 2870 0303	service@hk.viewsonic.com
Middle East	ap.viewsonic.com/me/	Contact your reseller	service@ap.viewsonic.com
Puerto Rico & Virgin Islands	www.viewsonic.com	T= 1-800-688-6688 (English) T= 1-866-379-1304 (Spanish) F= 1-909-468-3757	service.us@viewsonic.com soporte@viewsonic.com
Singapore/Malaysia/ Thailand	www.viewsonic.com.sg	T= 65 6461 6044	service@sg.viewsonic.com
South Africa	ap.viewsonic.com/za/	Contact your reseller	service@ap.viewsonic.com
United States	www.viewsonic.com	T (Toll-Free)= 1-800-688-6688 T (Toll)= 1-424-233-2530 F= 1-909-468-3757	service.us@viewsonic.com

Limited Warranty

Please go to the Customer Support table in this guide for the ViewSonic website in your region to get warranty information.