

3D Glasses YA-G30

取扱説明書

本書は、お読みになった後も大切に保管してください。

日本語

User's Guide

Be sure to keep all user documentation handy for future reference.

English

Bedienungsanleitung

Bitte bewahren Sie die gesamte Benutzerdokumentation für späteres Nachschlagen auf.

Deutsch

Mode d'emploi

Conservez la documentation à portée de main pour toute référence future.

Français

Guía del usuario

Asegúrese de tener a mano toda la documentación del usuario para futuras consultas.

Español

Guida dell'utilizzatore

Conservare l'intera documentazione dell'utente a portata di mano per riferimenti futuri.

Italiano

Instruktionshäfte

Förvara all användardokumentation nära till hands för framtida referens.

Svenska

用戶說明書

請務必將所有用戶文件妥善保管以便日後需要時查閱。

中文(繁)

사용설명서

만약을 대비하여 사용설명서 등은 소중히 보관해 주십시오.

한국어

Kullanım Kılavuzu

Gelecekte ihtiyaç duyabileceğiniz için bütün kullanım dokümantasyonunu özenle saklayınız.

Türkçe

ИНСТРУКЦИЯ ПО ЭКСПЛУАТАЦИИ

Обязательно храните всю пользовательскую документацию под рукой, чтобы пользоваться ею для справки в будущем.

Русский

Guia do Usuário

Certifique-se de guardar toda a documentação do usuário à mão para futuras referências.

Português

- The contents of this User's Guide are subject to change without notice.
- Copying of this manual, either in part or its entirety, is forbidden. You are allowed to use this manual for your own personal use. Any other use is forbidden without the permission of CASIO COMPUTER CO., LTD.
- CASIO COMPUTER CO., LTD. shall not be held liable for any lost profits or claims from third parties arising out of the use of this product or this manual.
- CASIO COMPUTER CO., LTD. shall not be held liable for any loss or lost profits due to loss of data caused by malfunction or maintenance of this product, or any other reason.



Contents

Safety Precautions	E-1	Cleaning the Lenses of the Glasses.....	E-15
Operating Precautions.....	E-7	Specifications.....	E-16
Unpacking	E-9		
General Guide.....	E-10		
Loading the Batteries.....	E-11		
Viewing 3D Images.....	E-13		

Safety Precautions

About safety symbols

Various symbols are used in this User's Guide and on the product itself to ensure safe use, and to protect you and others against the risk of injury and against material damage. The meaning of each of the symbols is explained below.

 Warning	This symbol indicates information that, if ignored or applied incorrectly, could possibly create the risk of death or serious personal injury.
 Caution	This symbol indicates information that, if ignored or applied incorrectly, could possibly create the risk of personal injury or material damage.

Icon Examples



A triangle indicates a situation against which you need to exercise caution. The example shown here indicates you should take precaution against electric shock.



A circle with a line through it indicates information about an action that you should not perform. The specific action is indicated by the figure inside the circle. The example shown here means disassembly is prohibited.



A black circle indicates information about an action that you must perform. The specific action is indicated by the figure inside the circle. The example shown here indicates you must unplug the power cord from the power outlet.

Warning

- **Do not use malfunctioning 3D glasses.**



Do not use 3D glasses that are damaged, operating abnormally, or malfunctioning. Continued use creates the risk of personal injury, eye fatigue, deteriorated physical health, etc. Do not use 3D glasses that are broken or cracked.

- **Avoid water and other liquids.**



Never allow the 3D glasses to become wet. Water and other liquids create the risk of fire and electric shock.

- **Do not disassemble or modify the 3D glasses in any way.**



Never try to take the 3D glasses apart or modify them in any way. Doing so creates the risk of electric shock, burn injury, and personal injury, and improper operation during 3D viewing can result in deteriorated physical health. Disassembling or modifying the 3D glasses can void their warranty or make them ineligible for servicing. Request all servicing and repair from your original retailer or the contact specified for repair.

- **Do not drop the 3D glasses or otherwise subject them to impact.**



Do not drop the 3D glasses, and do not allow them to be stepped upon, subjected to strong force, or impacted by an object dropped from above. Doing so can break the lenses or other parts and create the risk of personal injury.

- **Do not dispose of the 3D glasses by burning them.**



Never try to dispose of the 3D glasses by burning them. Doing so can cause an explosion, which creates the risk of fire and personal injury.

- **Do not use or leave the 3D glasses in any of the following locations.**

Doing so creates the risk of fire and electric shock.

- Areas subject to large amounts of moisture or dust
 - In a kitchen or other areas exposed to oil smoke
 - Near a heater, on a heated carpet, or in an area exposed to direct sunlight
 - Other areas subjected to temperature extremes
- **Never leave the 3D glasses in a bathroom or anywhere else there is the chance that they will become wet.**
 - **Keep the battery and other accessory items of the 3D glasses out of the reach of small children.**

Inhaling or swallowing small items create the risk of suffocation, indigestion, etc. Should a button battery or accessory ever be swallowed, contact a physician immediately.

- **Button battery**



Misuse of a battery can cause it to leak and stain the area around it, or to explode, creating the risk of fire and personal injury. Make sure that you always observe the following precautions.

- Never try to take the batteries apart and do not allow them to become shorted.
- Never expose the batteries to heat or throw them into fire.
- Do not expose the batteries to direct sunlight or otherwise expose them to intense heat.
- Never mix old batteries and new ones.
- Never mix batteries of different types.
- Never try to charge the batteries.
- Take care that the positive (+) and negative (-) poles of the batteries are oriented correctly when you load them.
- Use only the type of batteries that is specified for use with the 3D glasses.

- **Never look directly at the sun while wearing the 3D glasses.**

Caution

- **Remove batteries from the 3D glasses immediately after they go dead.**
- **Remove batteries from the 3D glasses if you do not plan to use them for a long time.**
- **Be sure to follow all applicable local laws and regulations when disposing of batteries.**
- **Be sure to follow all applicable local laws and regulations when disposing of the 3D glasses.**



Do not view 3D images if you are experiencing any of the symptoms described below.

- Should the 3D image ever start appearing double or lose its three-dimensionality, stop watching. Continued watching can cause eye fatigue.

- **You need to wear your glasses or any other devices you normally use for vision correction.**

If you normally wear glasses or contact lenses, you should be wearing them when you watch 3D images with the 3D glasses. Failure to do so creates the risk of eye fatigue or abnormal vision.



The normal minimum age for viewing 3D images is six. When 3D images are being watched by a small child, a competent adult should be on hand to monitor the child, to ensure that the 3D images are suitable for the child, that the child does not watch the 3D images for too long an uninterrupted period, etc.

- **Do not wear the 3D glasses except when viewing 3D images.**

Using the 3D glasses for any other purpose besides viewing 3D images creates the risk of personal injury and eye fatigue.

- **Do not wear the 3D glasses for long periods.**

Should you experience any reddening, soreness, or irritation of your nose or temples, take off the 3D glasses. These symptoms can be caused by pressure generated by long-term wear of the 3D glasses, and create the risk of deteriorated physical health.

- **Use these glasses only for the purpose for which they are intended.**



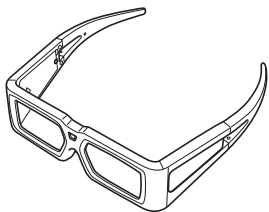
The 3D glasses are not designed or intended for use as vision correction glasses, sunglasses, or eye protection goggles. Do not use the 3D glasses in place of any other type of eye wear. Incorrect use creates the risk of personal injury.

Operating Precautions

- Never use or store the 3D glasses in the following locations. Doing so creates the risk of malfunction of and damage to the 3D glasses.
 - Locations subjected to electrostatic charge
 - Locations subjected to temperature extremes
 - Locations subjected to extreme moisture
 - Locations subjected to sudden temperature changes
 - Locations subjected to large amounts of dust
 - Locations where there is the danger of getting wet
- Do not use the 3D glasses in environments subjected to temperature extremes. The 3D glasses are designed for use within the temperatures of 5°C to 35°C (41°F to 95°F). 3D image quality and product reliability are not guaranteed when the 3D glasses are used outside of this temperature range.
- Never leave dead batteries inside the 3D glasses for a long period. Dead batteries may leak. Leaking batteries create the risk of malfunction and damage.
- The 3D glasses cannot be folded. Never try to bend the frame or otherwise apply undue force.
- A scratched or broken lens can cause deterioration of 3D image quality.
 - Do not subject the lens to strong force.
 - Do not scratch the lens surface with a sharp object.
 - Never drop or bend the 3D glasses.
- Do not allow the synchronization sensor of the 3D glasses to become dirty, and do not cover it by affixing a label, sticker, etc. A blocked sensor can make synchronization impossible and interfere with proper operation of the 3D glasses.

- When viewing images in a room illuminated by fluorescent lighting, the frequency of the lighting can cause flickering of overall light in the room. If this causes problems, dim the fluorescent lighting, change to a different type of lighting, etc. (Projection in a totally darkened room is not recommended, especially when small children are present.)
- Be sure to wear the 3D glasses correctly. The 3D image will not appear normal if the glasses are worn upside down or backwards.
- Do not look at another type of monitor (computer monitor, digital timepiece, calculator, TV, etc.) while wearing the 3D glasses. Take off the 3D glasses before viewing any other device besides a CASIO 3D projector.

Unpacking



3D glasses



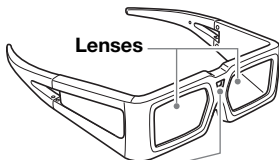
Nose pieces × 2
(One is attached to the glasses.)



Test batteries (CR2025 × 2)

- User's Guide (This Manual)
- Warranty

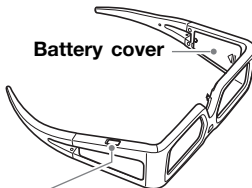
General Guide



Lenses

Synchronization sensor

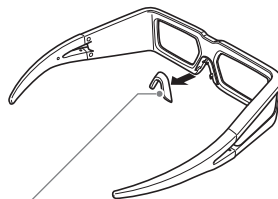
Do not allow to become blocked during use.



Battery cover

On button

Press to turn on power.
While on, swaps the left and right images (page E-14).



Nose piece

Attach one of the two nose pieces provided that matches your nose.

NOTE

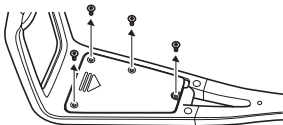
- The 3D glasses will turn off automatically whenever they are unable to detect a DLP-LINK signal from the projector for more than three minutes.

Loading the Batteries

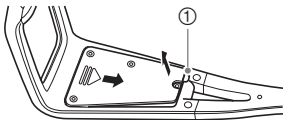
Important!

- To avoid damage to the battery cover, carefully follow the steps of the procedure below.

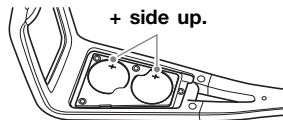
1. Remove the four battery cover screws.



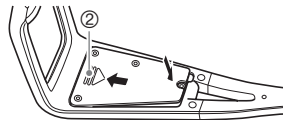
2. Hook your fingernail into the groove indicated by ① and lift up the battery cover to remove it.



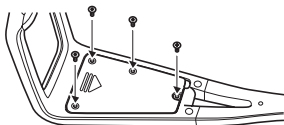
3. Load two CR2025 batteries with their plus (+) sides facing up.



4. Slide the battery cover into place from the side indicated by ②.



5. Secure the cover with its four screws.



When to replace the batteries

If the 3D image seems to flicker when being viewed with the 3D glasses, it means that the batteries of the 3D glasses are low. Replace the batteries as soon as possible.

Viewing 3D Images

While wearing the 3D glasses, you will be able to view 3D images projected by a CASIO 3D projector (DLP-LINK 3D compatible models). After starting projection of 3D images from the projector, press the on button of the 3D glasses and then put on the glasses. For more information about projecting 3D images, see the User's Guide on the CD-ROM that comes with the projector.

3D Image Viewing Environment

To what extent 3D images will appear as such when viewed through the 3D glasses depends on the conditions below.

- Level of illumination in the area
- Projected image size
- Distance from the viewer to the screen
- 3D image content and quality

Under certain conditions, an image may not appear three-dimensionality at all. If this happens, try darkening the room and move closer to the screen. This can improve the 3D appearance of the image.

L/R Swapping

If you feel that the dimensionality of the 3D image appears backwards while viewing with the 3D glasses, it probably means that the shutter operations of the image and the glasses are reversed. When this happens, either press the projector's [ENTER] key or press the on button of the 3D glasses to swap the left and right images with each other (L/R swapping). This may correct the problem.

For more information about swapping the left and right images on the projector, see the User's Guide on the CD-ROM that comes with the projector.

Cleaning the Lenses of the Glasses

Should the lenses of the glasses become dusty, wipe lightly with a soft cloth or lens cleaning paper. If this does not work, use a commercially available lens cleaner.

Important!

- Never try to use anything else besides a soft cloth or lens cleaning paper to wipe the lenses. Never use any abrasive agent for cleaning.

Specifications

Detection type	DLP-LINK 3D
Batteries	CR2025 × 2
Rated Voltage/Capacitance	6V DC, 225mAh
Power Consumption	4mA
Battery Life	Approximately 40 hours
Sensor photo detection range	450nm to 950nm
Environment	Operating temperature: 5 to 35°C (41 to 95°F) Operating humidity: 20 to 80% (non-condensation)

Specifications are subject to change without notice.

GUIDELINES LAID DOWN BY FCC RULES FOR USE OF THIS UNIT IN THE U.S.A. (not applicable to other areas).

NOTICE

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 communication. 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.

FCC WARNING

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

Proper connectors must be used for connection to host computer and/or peripherals in order to meet FCC emission limits.

Declaration of Conformity

Model Number: YA-G30

Trade Name: CASIO COMPUTER CO., LTD.

Responsible party: CASIO AMERICA, INC.

Address: 570 MT. PLEASANT AVENUE, DOVER, NEW JERSEY 07801

Telephone number: 973-361-5400

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.

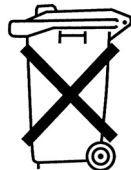


Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

EEE Yönetmeliğine Uygundur



**Batterij niet weggooien,
maar inleveren als KCA**



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