

Panasonic[®]

Operating Instructions

3D Eyewear

Model No. TY-ER3D5MA

This product cannot be used as sunglasses.



FULL HD RF
3D

TQZJ405

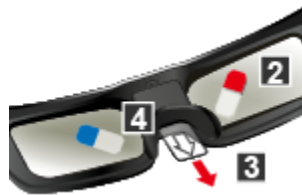
Parts name and functions

ST60_ST60X_

[Front side]



[Back side]



ST60_ST60X_

1 Power button

Switches the 3D Eyewear on or off.

ST60_ST60X_

- Press the button for about 1 second to turn the power on. The indicator lamp lights for about 2 seconds and then goes off.
- To turn the power off, press the button for about 2 second again. The indicator lamp flashes 3 times, then the 3D Eyewear turns off

ST60_ST60X_

Mode

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- Press the button for about 1 second to change the mode between 3D and 2D (view a 3D image in 2D).
- (When power is off) Press the button for 5 second to change to registration mode.

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Indicator lamp

Lights or flashes during use to show the status. (see below)

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2 Protection film

Peel off the protection film on both side of the lens.

3 Insulating sheet

4 Battery cover

ST60_ST60X_

- When using for the first time, remove the insulating sheet. Pull the insulating sheet.

■ Indicator lamp status

Indicator lamp	Status
Lights red for 2 seconds when turned on	Sufficient battery level
Flashes 5 times when turned on	Low battery level
Flashes red	Under registering
Flashes red once every 1 seconds	Under reconnecting to the TV
Lights red for 3 seconds	Registering or reconnecting is successfully completed.
Flashes red 3 times	Power off (Press the button over 2 seconds when in use, or Automatically power off when registering or connecting fails, or connection is lost)
Flashes red once every 2 seconds when in use	3D mode is selected
Flashes red twice every 4 seconds when in use	2D mode is selected

Watching TV

3D

Registration

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■ First registration

Perform the first registration when the 3D Eyewear is used for the first time.

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1 Turn the TV on

2 Press the button for about 1 second to turn the power on.

The LED lights for about 2 seconds and then goes off.

The 3D Eyewear will be turned on and start registration.

Place the 3D Eyewear within 50 cm from the TV while registration in progress.

3 The red LED lights on the 3D Eyewear for 3 seconds when the registration is successfully completed

After first registration, the 3D Eyewear will reconnect with TV automatically when 3D Eyewear is turned on near the TV in 3D mode.

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■ Registration again

When connection with registered TV fails, or when using with another TV, re-register the 3D Eyewear.

_ST60_ST60X_

1 Turn the TV on

2 Within 50 cm from the TV, press the button for about 1 second to turn the power on.

The LED lights for about 2 seconds and then goes off.

_ST60_ST60X_

- Release the power switch when registration starts.

_ST60_ST60X_

3 The red LED lights for 3 seconds when the registration is successfully completed

Watching TV

3D

Replacing the battery

_ST60_ST60X_

When the battery is running low, the indicator lamp flashes 5 times on turning the 3D Eyewear on.

In this case, early battery replacement is recommended.

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- Dispose of the old batteries as non-burnable rubbish, or in line with the waste disposal regulations in your local area.

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1 Open the cover using pen tip or screwdriver (minus -) etc.

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_ST60_ST60X_

2 Replace the battery

_ST60_ST60X_

- If difficulty, remove it with the tip of the driver.
- Use the specified type of battery (coin-shaped lithium battery CR2025).
- Note the correct polarity (+ or -).

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_ST60_ST60X_

3 Replace and fasten the cover

_ST60_ST60X_



FCC STATEMENT

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.
- Consult the Panasonic Service Center or an experienced radio/TV technician for help.

FCC Caution:

To assure continued compliance, follow the attached installation instructions and use only shielded USB interface cable when connecting to computer or TV. Any changes or modifications not expressly approved by Panasonic Corp. of North America could void the user's authority to operate this device.

ENGLISH

FCC Declaration of Conformity

Models: TY-ER3D5MA
Responsible Party: Panasonic Corporation of North America
One Panasonic Way, Secaucus, NJ 07094
Contact Source: Panasonic Consumer Electronics Company
1-877-95-VIERA (958-4372)

email: consumerproducts@panasonic.com

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.

(continued overleaf)

IC STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized. This device has also been evaluated and shown compliant with the IC RF Exposure limits under portable exposure conditions. (antennas are less than 20 cm of a person's body).

This device has been certified for use in Canada. Status of the listing in the Industry

Canada's REL (Radio Equipment List) can be found at the following web address:

<http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=eng>

Additional Canadian information on RF exposure also can be found at the following web address:

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

Cet appareil numérique de est conforme aux normes canadiennes licence-exempt RSS standard(s)

Son fonctionnement est soumis aux deux conditions suivantes :

- (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil Dell est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil Dell de façon à minimiser les contacts humains lors du fonctionnement normal. Ce périphérique a également été évalué et démontré conforme aux limites d'exposition aux RF d'IC dans des conditions d'exposition à des appareils portables. (les antennes sont moins de 20 cm du corps d'une personne).

Ce périphérique est homologué pour l'utilisation au Canada.

Pour consulter l'entrée correspondant à l'appareil dans la liste d'équipement radio (REL - Radio Equipment List) d'Industry Canada rendez-vous sur:

<http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=eng>

Pour des informations supplémentaires concernant l'exposition aux RF au Canada rendez-vous sur :

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

NCC STATEMENT

依據低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

3D Eyewear	
Dimensions(W×H×D)	165mm×42mm×171mm
Mass	27g Net
Lens type	Liquid Crystal Shutter
Usage temperature range	0℃-40℃
Battery*	Coin-shaped lithium battery CR2025 Operation time:Approx.75 hours in continuous use of battery made by Panasonic
Viewing range*	Within 3.2 m from front surface of the TV
Materials	Main body: Resin Lens section: Liquid crystal glass
Communication system	2.4 GHz band FH-SS(Frequency Hopping Spread Spectrum)
*There are differences in the viewing range of the 3D Eyewear among individuals	
*The 3D Eyewear may not operate correctly at the outside of the viewing range	
Note	
Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate	