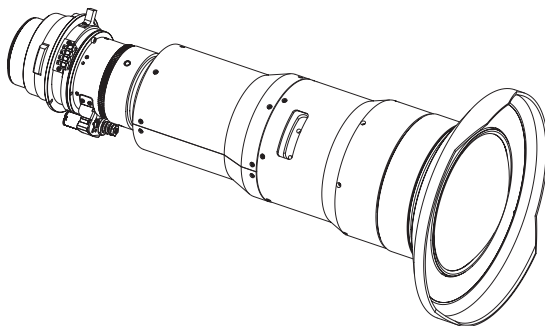


Panasonic®

Operating Instructions

Zoom lens **Commercial Use**

Model No. ET-DLE020G



ENGLISH

FRANÇAIS

日本語

Thank you for purchasing this Panasonic product.

- To ensure correct use of this lens, please read the operating instructions supplied with the lens and the projector carefully.
- **Before using this product, be sure to read “Read this first!” (➡Page 3).**
- Please save this manual for future use.

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The “Appendix” can be found after the Japanese language section ().

Read this first!

Always follow these precautions

WARNING:

Do not look at or place your skin into the light emitted from the lens while the projector is being used.

Doing so can cause burns or loss of sight.

- Strong light is emitted from the projector's lens. Do not look at or place your hands directly into this light.
- Turn off the power when moving away from the projection lens or projector.

Do not project an image with the lens cover attached.

- Doing so can cause fire.

Do not allow children to reach the screws.

- The screws can cause personal injury if swallowed.
- If the screws are swallowed, seek medical advice immediately.

CAUTION:

Before replacing the projection lens, be sure to turn off the power and disconnect the power plug from the wall outlet.

- Unexpected projection of light may cause injury to eyes.
- Replacing the projection lens without removing the power plug may result in electric shock.

Do not stand in front of the lens while the projector is being used.

Doing so can cause damage and burns to clothing.

- Strong light is emitted from the projector's lens.

Do not place objects in front of the lens while the projector is being used.

Doing so can cause fire, damage to the object, or malfunction of the lens and projector.

- Strong light is emitted from the projector's lens.

Do not open the desiccant bag. Do not eat the contents.

Inadvertently ingesting desiccant could be harmful.

- If the desiccant gets into your eyes or mouth, immediately rinse with plenty of water and seek medical attention.
- Keep desiccant out of the reach of children.

Before Use

■ Supported projectors

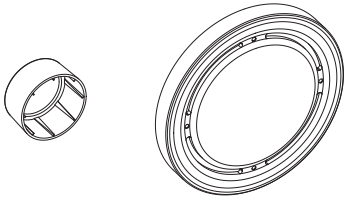
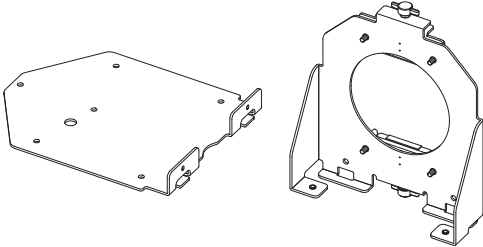
PT-RQ7 series: PT-RQ7 / PT-RQ6 / PT-RZ7 / PT-RZ6

Note

- This manual omits the alphabets at the end of projector model numbers.
- Models other than the above may also be supported. Refer to the operating instructions of the projector you are using.

■ Supplied Accessories

Make sure that the following has been provided.

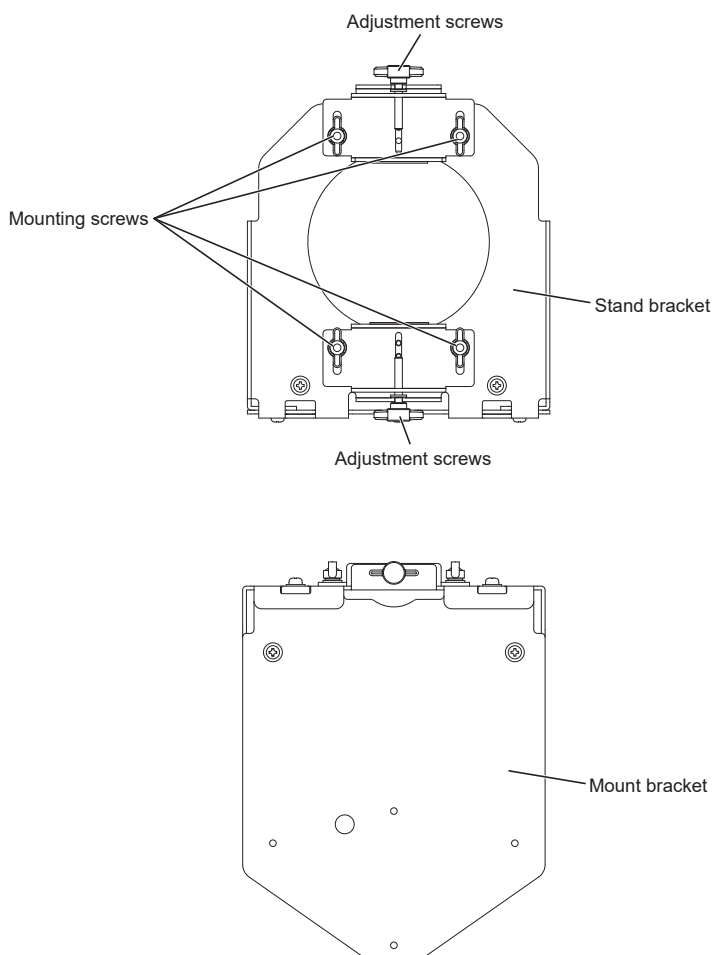
Part name	Appearance (quantity)
Lens cover	 (The product is delivered with a lens cover attached.) (1 each)
Lens fixed attachment	 (1 each)
Screws (XYN4+F10FJK)	 (8)

Note

- The supplied lens fixed attachment is intended to reduce the risk of image shake occurring. When using this lens, we recommend attaching the lens fixed attachment to the projector main unit.

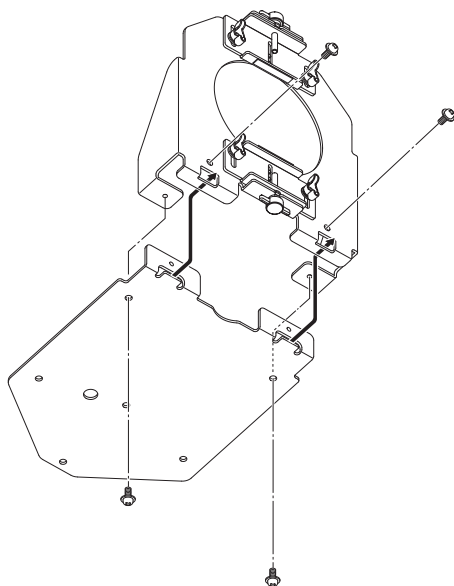
Before Use (continued)

■ Names of lens fixed attachment parts



Before Use (continued)

Assembling the Lens Fixed Attachment



- 1) Attach the stand bracket and mount bracket to each other and secure them with the supplied screws (XYN4+F10FJK) in four places as shown on the left.**

- Be sure to use the screws supplied with this product.

Preparation

Before replacing the projection lens

Return the projection lens to the home position before replacing or removing it.

For details on how to move the lens to the home position, refer to "Moving the Lens to the Home Position" (➡ page 14).

Attention

- Make sure that the projector power supply is switched off before attaching or detaching the projection lens.
- After removing the projection lens, store it safely away from vibration or impacts.
- Do not touch the electric contact points of the projection lens with your fingers. Dust and dirt on the contacts may cause contact malfunctions, while static electricity may damage the unit.
- Do not touch the surface of the lens with bare hands. Finger prints and dirt on the surface of the lens will be magnified by the lens and lower the quality of the projected image.
- The lens may become damaged by hitting with a hard object or by wiping the front surface of the lens with excessive force. Handle with care.
- Use a clean, soft and dry cloth to wipe away dust and dirt from the projection lens. Do not use fluffy cloths containing oil, water or dust for cleaning. The lens is easily damaged, so do not apply excessive pressure when wiping it.

Preparation (continued)

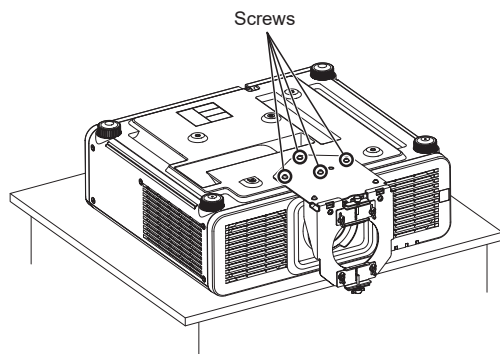
Attaching the Lens

We recommend attaching the lens fixed attachment to the projector main unit to reduce the risk of image shake occurring.

Attention

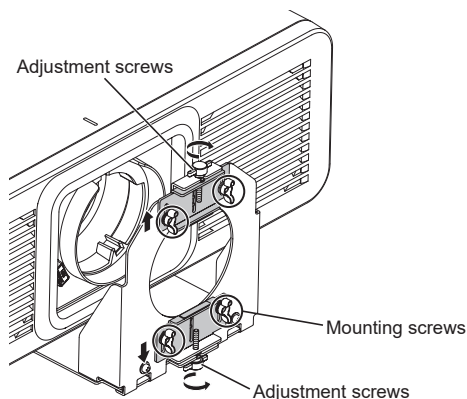
- Before attaching the Projection Lens, remove the two lens covers attached to the Projection Lens.
- Do not perform lens position movement operations such as moving the lens to the home position or shift adjustment while the lens fixed attachment is fixed in place.

The illustrations in this procedure depict use of the PT-RQ7 series as an example. If you will use the lens without attaching the lens fixed attachment, proceed to step 5).



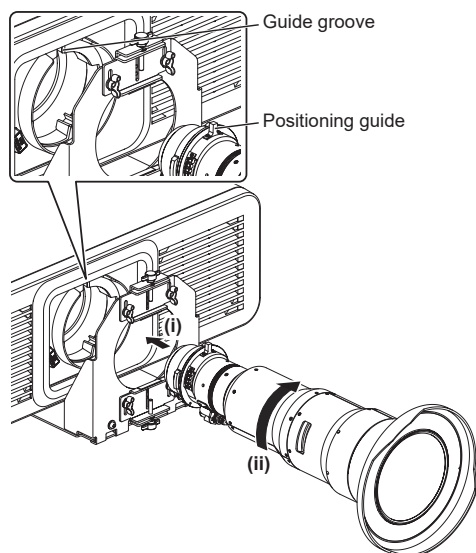
- 1) **Place the projector on a flat surface with its bottom facing upward as shown on the left.**
- 2) **Fix the lens fixed attachment with the four supplied screws (XYN4+F10FJK).**

- Be sure to use the screws supplied with this product.



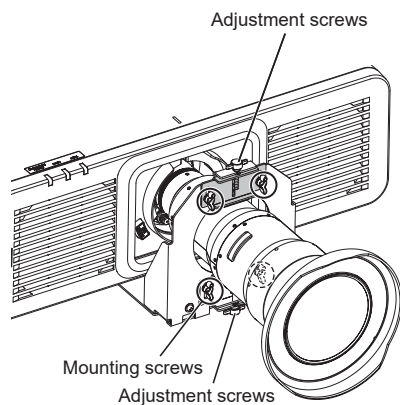
- 3) **Loosen the mounting screws in four places on the lens fixing brackets to the extent that the adjustment screws can be turned.**
- 4) **Turn the adjustment screws to fix the lens fixing brackets in place at the top and bottom, respectively.**

Preparation (continued)



- 5) Align the guide on the lens with the guide groove on the projector and insert the lens all the way into the projector (i), and then turn the lens clockwise (ii).**

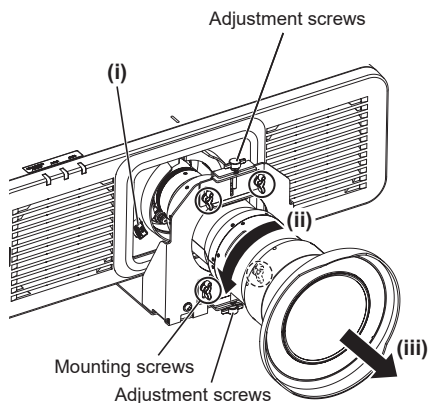
- If you turn the projection lens until it clicks into place, it will not come out even if turned counterclockwise. After turning the projection lens clockwise, turn it counterclockwise to confirm that it does not come out.



- 6) Tighten the adjustment screws at the lens fixed attachment top and bottom to fix the projection lens in place.**
- 7) Tighten the mounting screws in four places on the lens fixing brackets to fix the lens fixing brackets in place.**

Preparation (continued)

Detaching the Lens



The illustrations in this procedure depict use of the PT-RQ7 series as an example. If you will use the lens without attaching the lens fixed attachment, proceed to step 3).

- 1) **Loosen the mounting screws in four places on the lens fixing brackets to the extent that the adjustment screws can be turned.**
- 2) **Turn the adjustment screws to fix the lens fixing brackets in place at the top and bottom, respectively.**
- 3) **While pressing the lens release button (i), turn the projection lens counterclockwise as far as it will go (ii) and then detach the projection lens (iii).**

Attention

- Before using a projection lens other than the ET-DLE020G, be sure to remove the lens fixed attachment.
- Store the removed lens fixed attachment in a safe place so that it will not be lost.

Preparation (continued)

Focus Adjustment

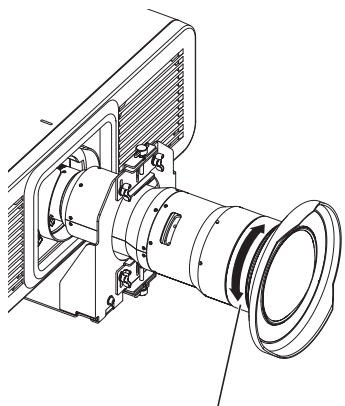
The focus balance of the center of the projected image and that of the peripheral areas differs depending on the size of the image.

This lens is equipped with a function for adjusting the peripheral focus balance.

■ Adjusting the focus

The illustrations in this procedure depict use of the PT-RQ7 series as an example.

- 1) **Operate the projector to align the focus of the center of the image.**
- 2) **Manually turn the peripheral focus adjustment ring as shown on the left, and align the focus of the peripheral areas of the image.**



Peripheral focus adjustment ring

Attention

- The projected images sizes indicated on the peripheral focus adjustment ring are approximate guides.

■ When out of focus

The peripheral areas or center of the projected image may be out of focus depending on the combination of this lens and the projector. In that case, adjust the flange back and align the focus as described in the following procedure. The flange back is the distance from the lens mount reference surface (flange) to the mirror surface of the DLP chip.

Tool to use: Hexagonal wrench (diagonal 1.5 mm)

Attention

- When adjusting the flange back, take care that the projected light does not shine into your eyes.

Preparation (continued)

1) Display the internal test pattern screen.

- For details on the test pattern to display, refer to the operating instructions of the projector.

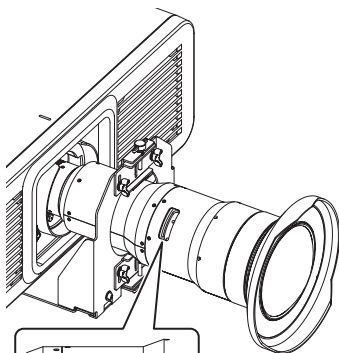
2) Press and hold down the ▼ or ◀ button for zoom adjustment on the projector until the projected image size become the smallest.

3) Press and hold down the ▼ or ◀ button for focus adjustment on the projector until the focus adjustment operation stops.

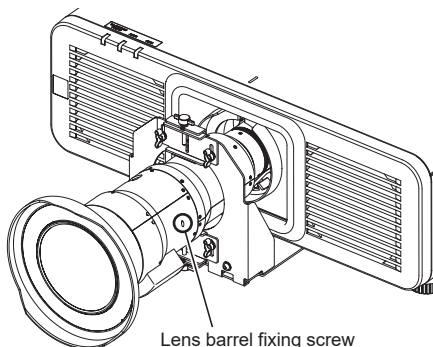
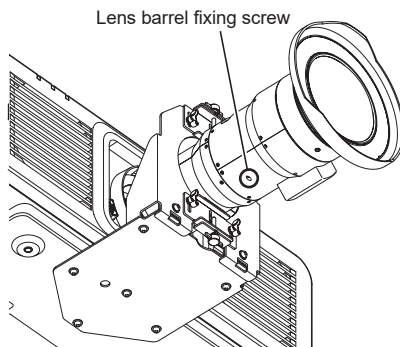
4) Press the <SHUTTER> button to enable the shutter function (shutter: closed).

5) Loosen the lens barrel fixing screws (3 places) on the side surface of the projection lens by turning them approximately twice in the counterclockwise direction with a hexagonal wrench.

- Insert the hexagonal wrench perpendicular to the lens barrel and then turn the lens barrel fixing screws.
- If the lens barrel fixing screws are loosened too much, they will come out from the lens barrel. Take care not to turn them too much.



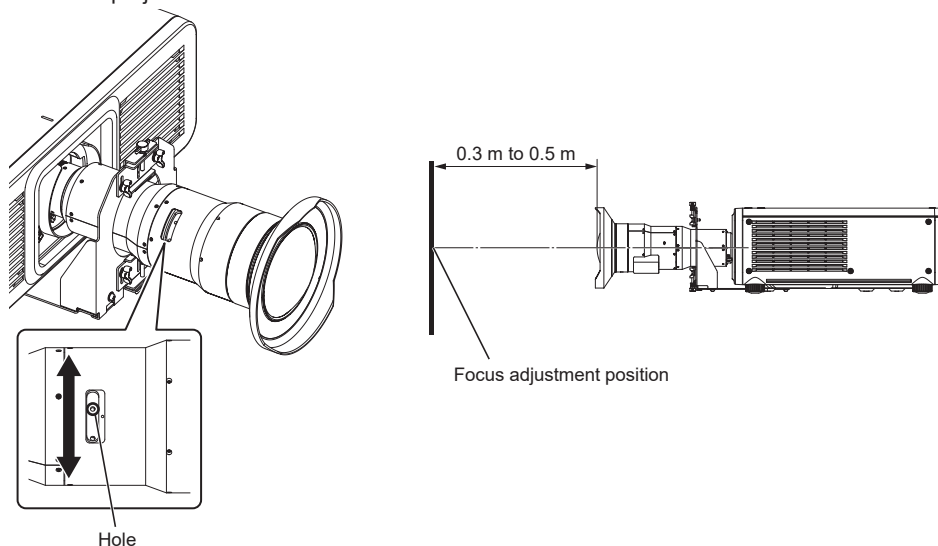
Lens barrel fixing screw



Lens barrel fixing screw

Preparation (continued)

- 6) Press the <SHUTTER> button to disable the shutter function (shutter: open)
- 7) Insert the hexagonal wrench into the hole that can be seen from the projection lens side surface and turn the internal lens barrel slowly in the direction of the arrow to align the focus.
 - Align the focus at a position on the optical axis that is 0.3 m to 0.5 m from the front of the projection lens.



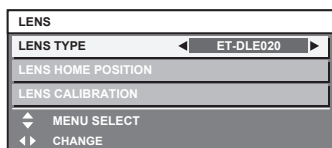
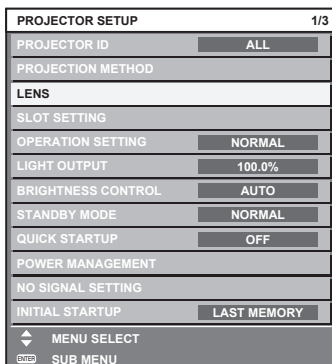
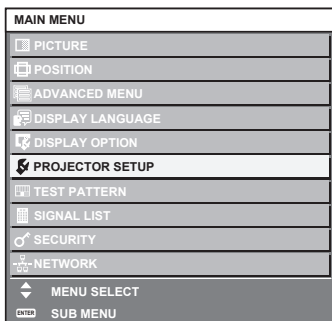
- 8) Press the <SHUTTER> button to enable the shutter function (shutter: closed).
- 9) Tighten the lens barrel fixing screws (3 places) on the side surface of the projection lens by turning them approximately twice in the clockwise direction with a hexagonal wrench.
 - Do not tighten the lens barrel fixing screws firmly.
- 10) Press the <SHUTTER> button to disable the shutter function (shutter: open)
- 11) Operate the projector to align the focus of the center of the image.
- 12) Manually turn the peripheral focus adjustment ring to align the focus of the peripheral areas of the image.

Preparation (continued)

Moving the Lens to the Home Position

When aligning the orientation of the projected image and moving the lens to the home position, perform the operation with the following procedure.

This procedure uses the case of when attached to the PT-RQ7 series as an example.



1) Turn on the projector to start the projection.

- The top, bottom, left, and right of the projected image will be inverted until you perform step 5).

2) Press the <MENU> button to display the [MAIN MENU] screen.

3) Select [PROJECTOR SETUP] in the main menu and then press the <ENTER> button.

4) Select [LENS] in the [PROJECTOR SETUP] menu and then press the <ENTER> button.

- The [LENS] screen appears.

5) Select [LENS TYPE] on the [LENS] screen and then use the ◀▶ buttons to select [ET-DLE020].

- Each press of the ◀▶ buttons switches the item to [NORMAL], [ET-DLE035] or [ET-DLE020].

6) Select [LENS HOME POSITION] on the [LENS] screen and then press the <ENTER> button.

- A confirmation screen appears.

7) Use the ◀▶ buttons to select [OK] and then press the <ENTER> button.

- [PROGRESS] is displayed on the [HOME POSITION] screen and the lens moves to the home position for the ET-DLE020G.

Attention

- Do not move the lens to the home position while the lens fixed attachment is fixed in place.

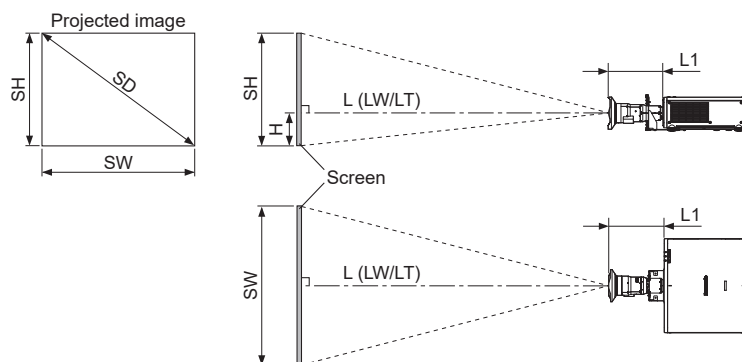
Note

- If [LENS TYPE] is incorrectly set to other than [ET-DLE020], the lens will not move to the correct home position.

Projection Relationships

The dimensional relationship between the screen and the projector is shown below.

■ Dimensional relationship diagram



Note

- This diagram assumes that the size and position of the projected image will be adjusted so that the image fills the entire screen.
- This illustration is not drawn to scale.

L		Projection distance
	LW	Minimum distance
	LT	Maximum distance
L1		Lens protrusion dimension
H		Distance from the lens center to the lower edge of the projected image
SH		Projected image height
SW		Projected image width
SD		Projected image size

(Unit: m)

Projector model	Dimension for L1 (approximate value)
PT-RQ7 / PT-RQ6 / PT-RZ7 / PT-RZ6	0.294

Note

- The illustrations of projectors in this manual are for informational purposes only and do not represent a specific projector model. Configurations may vary with the model.
- Some of the alphabet letters at the end of projector model numbers may be omitted in this manual.

Projection Relationships (continued)

Attention

- To prevent obstruction of the intake and exhaust vents, install the projector with a clearance from walls and objects. For details about the required distance from surrounding walls and objects, refer to the operating instructions for your projector. If you are installing the projector in a sealed space, be sure to provide additional air conditioning equipment and ventilation equipment. Insufficient ventilation will result in an accumulation of heat and may activate the projector's protection circuit.
- Avoid setting up in places which are subject to sudden temperature changes, such as near an air conditioner or lighting equipment (studio lamps, etc.).

■ Dimensional relationship

For details on the projection distance (L), refer to "Projected image size and Projection distance" and "Projection distance formulas" in the Appendix.

Note

- For details on "Projected image size and Projection distance" for projector models other than the following, refer to "Setting up" in the operating instructions of the projector.
- Some of the alphabet letters at the end of projector model numbers may be omitted in this manual.

PT-RQ7 / PT-RQ6 / PT-RZ7 / PT-RZ6

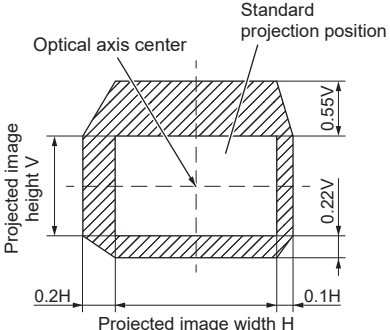
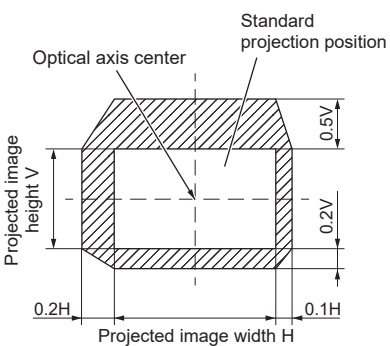
Lens shift ranges

Using the position of the projected image at the home position (i.e., the standard projection position) as a basis, you can use the lens shift adjustment function on the projector to adjust the position of the projected image within the respective lens shift ranges.

Perform lens shift adjustment within the ranges shown in the following illustrations.

Moving the lens outside of the adjustment ranges may alter the focus. This occurs due to limitations in lens movement that are intended to protect the optical components.

The following illustrations depict lens shift ranges for floor installations of the projector.

PT-RQ7 / PT-RQ6	
PT-RZ7 / PT-RZ6	

Note

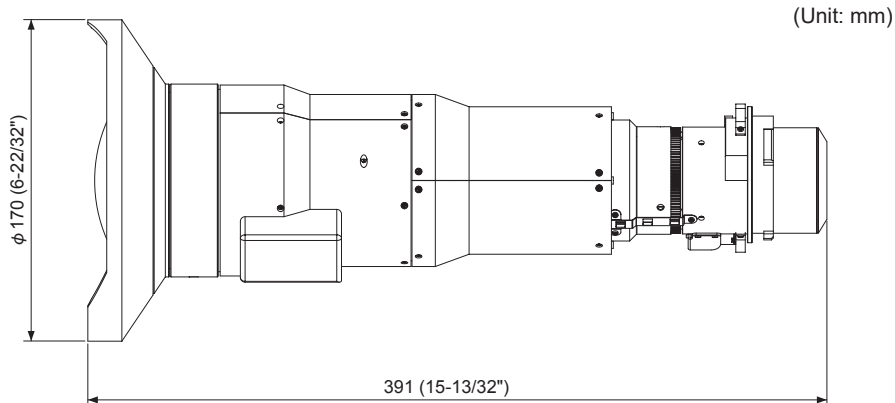
- The home position of the projector a point of origin position for the lens shift (i.e., vertical and horizontal positions of the lens) based on the results of lens calibration. It is not the optical center position of the screen.
- For details on “Lens shift range” for projector models other than the following, refer to “Projecting” in the operating instructions of the projector.
- Some of the alphabet letters at the end of projector model numbers may be omitted in this manual.

PT-RQ7 / PT-RQ6 / PT-RZ7 / PT-RZ6

Specifications

F Number	2.00
Focal Length (f)	4.1 mm (5/32") - 4.4 mm (3/16")
Dimensions	Width 170 mm (6-22/32") Height 170 mm (6-22/32") Depth 391 mm (15-13/32")
Net Weight	Projection lens: Approx. 3.2 kg (7.1 lb)
	Lens fixed attachment: Approx. 1.0 kg (2.2 lb)

Dimensions



■ Indication of the manufacturer and the importer with EU Directive requirements

English	Manufactured by: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Importer: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Germany Authorized Representative in EU: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Germany
Български	Производител: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Япония Вносител: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Германия Упълномощен представител в ЕС: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Германия
Čeština	Vyrobil: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japonsko Dovozce: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Německo Oprávněný zástupce v EU: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Německo
Српски	Произведен од: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Јапан Увозник: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Немачка Овлашћени представник у ЕУ: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Немачка
Dansk	Fremstillet af: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Importer: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Tyskland Autoriseret repræsentant i EU: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Tyskland
Deutsch	Hergestellt von: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Importeur: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Deutschland Vertretungsberechtigter in der EU: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Deutschland
Eesti	Tootja: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Jaapan Maaletooja: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Saksamaa Volitatud esindaja ELis: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Saksamaa

Ελληνικά	Κατασκευάστηκε από: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Ιαπωνία Εισαγωγέας: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Γερμανία Εξουσιοδοτημένος αντιπρόσωπος στην ΕΕ: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Γερμανία
Español	Fabricado por: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japón Importador: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Alemania Representante Autorizado para la UE: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Alemania
Français	Fabriqu�� par : Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japon Importateur : Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Allemagne Repr��sentant autoris�� dans l'UE : Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Allemagne
Gaeilge	Arna dh��anamh ag : Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, An tSeap��in Allmhaireoir : Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, An Ghearm��in Ionada�� ��daraithe san AE : Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, An Ghearm��in
Hrvatski	Proizvodi: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Uvoznik: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Njema��ka Ovla��teni zastupnik u EU-u: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Njema��ka
islenskur	Framleitt af: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Innflytjandi: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, ��yskalandi Vi��urkenndur fulltr��i �� ESB: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, ��yskalandi
Italiano	Fabbricato da: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Giappone Importatore: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Germania Rappresentante autorizzato nell'UE: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Amburgo, Germania

Latviešu	Ražotājs: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japāna Importētājs: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Vācija Oficiālais pārstāvis ES: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Vācija
Lietuvių	Gamintojas: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japonija Importuotojas: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Vokietija Igaliotasis atstovas ES: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburgas, Vokietija
Magyar	Gyártotta: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japán Importőr: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Németország Hivatalos képviselő az EU-ban: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Németország
Malti	Manifatturat minn: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, il-Ġappun Importatur: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, il-Ġermanja Rappreżentant Awtorizzat fl-UE: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, il-Ġermanja
Nederlands	Geproduceerd door: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Importeur: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Duitsland Bevoegde vertegenwoordiger in de EU: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Duitsland
Norsk	Produsert av: Panasonic Projector & Display Corporation 2-15 Matsuba-cho, Kadoma City, Osaka 571-8503, Japan Importør: Panasonic Connect Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Tyskland Autorisert representant i EU: Panasonic Connect Europe GmbH Panasonic Testing Centre Winsbergring 15, 22525 Hamburg, Tyskland
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Appendix / Annexe / 付録

■ Projected image size and Projection distance

■ Taille de l'image projetée et Distance de projection

■ 投写画面サイズと投写距離

- When the screen aspect ratio is 16:10
- Lorsque le rapport d'aspect de l'écran est 16:10
- アスペクト比 16:10

(Unit / Unités / 単位 : m)

PT-RQ7 / PT-RQ6

Throw ratio / Rapport de projection / スローレシオ : [0.310 - 0.331:1]

SD	SH	SW	LW	LT	H
2.54 (100")	1.346	2.154	0.66	0.71	-0.07 - 0.97
3.05 (120")	1.615	2.585	0.79	0.85	-0.08 - 1.16
3.81 (150")	2.019	3.231	1.00	1.07	-0.10 - 1.45
5.08 (200")	2.692	4.308	1.34	1.44	-0.13 - 1.94
6.35 (250")	3.365	5.385	1.68	1.81	-0.17 - 2.42
7.62 (300")	4.039	6.462	2.03	2.17	-0.20 - 2.91
8.89 (350")	4.712	7.539	2.37	2.54	-0.24 - 3.39
10.16 (400")	5.385	8.616	2.71	2.91	-0.27 - 3.88

PT-RZ7 / PT-RZ6

Throw ratio / Rapport de projection / スローレシオ : [0.280 - 0.299:1]

SD	SH	SW	LW	LT	H
2.54 (100")	1.346	2.154	0.59	0.64	0.00 - 0.94
3.05 (120")	1.615	2.585	0.72	0.77	0.00 - 1.13
3.81 (150")	2.019	3.231	0.90	0.97	0.00 - 1.41
5.08 (200")	2.692	4.308	1.21	1.30	0.00 - 1.88
6.35 (250")	3.365	5.385	1.52	1.63	0.00 - 2.36
7.62 (300")	4.039	6.462	1.83	1.96	0.00 - 2.83
8.89 (350")	4.712	7.539	2.14	2.29	0.00 - 3.30
10.16 (400")	5.385	8.616	2.45	2.63	0.00 - 3.77

Appendix / Annexe / 付録 (continued / suite / つづき)

- When the screen aspect ratio is 16:9
- Lorsque le rapport d'aspect de l'écran est 16:9
- アスペクト比 16:9

(Unit / Unités / 単位 : m)

PT-RQ7 / PT-RQ6

Throw ratio / Rapport de projection / スローレシオ : [0.279 - 0.297:1]

SD	SH	SW	LW	LT	H
2.54 (100")	1.245	2.214	0.61	0.65	-0.06 - 0.90
3.05 (120")	1.494	2.657	0.73	0.79	-0.07 - 1.08
3.81 (150")	1.868	3.321	0.92	0.99	-0.09 - 1.34
5.08 (200")	2.491	4.428	1.24	1.33	-0.12 - 1.79
6.35 (250")	3.113	5.535	1.56	1.67	-0.16 - 2.24
7.62 (300")	3.736	6.641	1.87	2.01	-0.19 - 2.69
8.89 (350")	4.358	7.748	2.19	2.35	-0.22 - 3.14
10.16 (400")	4.981	8.855	2.51	2.69	-0.25 - 3.59

PT-RZ7 / PT-RZ6

Throw ratio / Rapport de projection / スローレシオ : [0.280 - 0.299:1]

SD	SH	SW	LW	LT	H
2.54 (100")	1.245	2.214	0.61	0.65	-0.07 - 0.90
3.05 (120")	1.494	2.657	0.74	0.79	-0.08 - 1.08
3.81 (150")	1.868	3.321	0.93	0.99	-0.10 - 1.35
5.08 (200")	2.491	4.428	1.25	1.34	-0.14 - 1.80
6.35 (250")	3.113	5.535	1.56	1.68	-0.17 - 2.25
7.62 (300")	3.736	6.641	1.88	2.02	-0.21 - 2.70
8.89 (350")	4.358	7.748	2.20	2.36	-0.24 - 3.15
10.16 (400")	4.981	8.855	2.52	2.70	-0.28 - 3.60

Appendix / Annexe / 付録 (continued / suite / つづき)

- When the screen aspect ratio is 4:3
- Lorsque le rapport d'aspect de l'écran est 4:3
- アスペクト比 4:3

(Unit / Unités / 単位 : m)

PT-RQ7 / PT-RQ6

Throw ratio / Rapport de projection / スローレシオ : [0.373 - 0.399:1]

SD	SH	SW	LW	LT	H
2.54 (100")	1.524	2.032	0.75	0.80	-0.08 - 1.10
3.05 (120")	1.829	2.438	0.90	0.97	-0.09 - 1.32
3.81 (150")	2.286	3.048	1.14	1.22	-0.11 - 1.65
5.08 (200")	3.048	4.064	1.52	1.63	-0.15 - 2.19
6.35 (250")	3.810	5.080	1.91	2.05	-0.19 - 2.74
7.62 (300")	4.572	6.096	2.30	2.46	-0.23 - 3.29
8.89 (350")	5.334	7.112	2.69	2.88	-0.27 - 3.84
10.16 (400")	6.096	8.128	3.07	3.29	-0.30 - 4.39

PT-RZ7 / PT-RZ6

Throw ratio / Rapport de projection / スローレシオ : [0.337 - 0.361:1]

SD	SH	SW	LW	LT	H
2.54 (100")	1.524	2.032	0.67	0.72	0.00 - 1.07
3.05 (120")	1.829	2.438	0.81	0.87	0.00 - 1.28
3.81 (150")	2.286	3.048	1.03	1.10	0.00 - 1.60
5.08 (200")	3.048	4.064	1.38	1.47	0.00 - 2.13
6.35 (250")	3.810	5.080	1.73	1.85	0.00 - 2.67
7.62 (300")	4.572	6.096	2.08	2.23	0.00 - 3.20
8.89 (350")	5.334	7.112	2.43	2.60	0.00 - 3.73
10.16 (400")	6.096	8.128	2.78	2.98	0.00 - 4.27

Appendix / Annexe / 付録 (continued / suite / つづき)

- When the screen aspect ratio is 21:9
- Lorsque le rapport d'aspect de l'écran est 21:9
- アスペクト比 21:9

(Unit / Unités / 単位 : m)

PT-RQ7 / PT-RQ6

Throw ratio / Rapport de projection / スローレシオ : [0.279 - 0.298:1]

SD	SH	SW	LW	LT	H
2.54 (100")	0.987	2.340	0.64	0.69	-0.23 - 0.78
3.05 (120")	1.185	2.808	0.78	0.83	-0.28 - 0.94
3.81 (150")	1.481	3.510	0.98	1.05	-0.35 - 1.17
5.08 (200")	1.975	4.681	1.31	1.41	-0.46 - 1.57
6.35 (250")	2.468	5.851	1.65	1.76	-0.58 - 1.96
7.62 (300")	2.962	7.021	1.98	2.12	-0.69 - 2.35
8.89 (350")	3.456	8.191	2.32	2.48	-0.81 - 2.74
10.16 (400")	3.949	9.361	2.65	2.84	-0.92 - 3.13

PT-RZ7 / PT-RZ6

Throw ratio / Rapport de projection / スローレシオ : [0.280 - 0.300:1]

SD	SH	SW	LW	LT	H
2.54 (100")	0.987	2.340	0.65	0.69	-0.24 - 0.79
3.05 (120")	1.185	2.808	0.78	0.84	-0.29 - 0.94
3.81 (150")	1.481	3.510	0.98	1.05	-0.36 - 1.18
5.08 (200")	1.975	4.681	1.32	1.41	-0.48 - 1.57
6.35 (250")	2.468	5.851	1.66	1.77	-0.59 - 1.97
7.62 (300")	2.962	7.021	1.99	2.13	-0.71 - 2.36
8.89 (350")	3.456	8.191	2.33	2.49	-0.83 - 2.75
10.16 (400")	3.949	9.361	2.66	2.86	-0.95 - 3.14

Note

- A ± 5 % error in listed projection distances may occur.
In addition, when [KEYSTONE] is used, distance is corrected to become smaller than the specified screen size.
- The throw ratio is based on the value during projection with the projected image size of 3.81 m (150").
- The periods used in the numbers in the tables are decimal points.

Remarque

- Une erreur de ± 5 % dans des distances de projection énumérées peut se produire.
En outre, lorsque [CORRECTION DE TRAPÈZE] est utilisé, la distance est corrigée pour devenir inférieure à la taille d'écran spécifiée.
- Le rapport de projection est basé sur la valeur en cours de projection avec une taille de l'image projetée de 3,81 m (150").
- Les points utilisés dans les nombres dans les tableaux sont des points décimaux.

お知らせ

- 記載の投写距離は $\pm 5\%$ 以下の範囲内で誤差が発生します。
また、[台形補正] 使用時は、所定の画面サイズよりも小さくなる方向で補正されます。
- スローレシオは、投写画面サイズ 150 型投写時の値を基準にしています。

Setting-up dimensions which are not given in the above table can be calculated using the formulas below. Check the projected image size SD (m) and use the following formula to determine projection distance (L).

La configuration des dimensions qui ne sont pas données dans le tableau ci-dessus peut être calculée à l'aide des formules suivantes. Vérifiez la taille de l'image projetée SD (m) et utilisez la formule suivante pour déterminer la distance de projection (L).

上記の表以外の投写寸法は次の計算式で求めることができます。画面対角サイズ SD (m) をご確認のうえ、それぞれの計算式で投写距離 (L) を求めてください。

Appendix / Annexe / 付録 (continued / suite / つづき)

- Projection distance formulas
- Formules de distance de projection
- 投写距離計算式

The dimensions of the following table contain a slight error.

Periods are used to represent decimal points in the calculation formulas in the following table.

Les dimensions du tableau suivant peuvent présenter un léger écart.

Les points sont utilisés pour indiquer les décimales dans les formules de calcul dans le tableau suivant.

次の表内の寸法は若干の誤差があります。

(Unit / Unités / 単位 : m)

		L	
		LW	LT
PT-RQ7 / PT-RQ6	When the screen aspect ratio is 16:10 Lorsque le rapport d'aspect de l'écran est 16:10 アスペクト比 16:10 のとき	$=0.2695 \times SD-0.027$	$=0.2887 \times SD-0.028$
	When the screen aspect ratio is 16:9 Lorsque le rapport d'aspect de l'écran est 16:9 アスペクト比 16:9 のとき	$=0.2493 \times SD-0.027$	$=0.2670 \times SD-0.028$
	When the screen aspect ratio is 4:3 Lorsque le rapport d'aspect de l'écran est 4:3 アスペクト比 4:3 のとき	$=0.3051 \times SD-0.027$	$=0.3268 \times SD-0.028$
	When the screen aspect ratio is 21:9 Lorsque le rapport d'aspect de l'écran est 21:9 アスペクト比 21:9 のとき	$=0.2635 \times SD-0.027$	$=0.2823 \times SD-0.028$
PT-RZ7 / PT-RZ6	When the screen aspect ratio is 16:10 Lorsque le rapport d'aspect de l'écran est 16:10 アスペクト比 16:10 のとき	$=0.2438 \times SD-0.027$	$=0.2612 \times SD-0.028$
	When the screen aspect ratio is 16:9 Lorsque le rapport d'aspect de l'écran est 16:9 アスペクト比 16:9 のとき	$=0.2506 \times SD-0.027$	$=0.2684 \times SD-0.028$
	When the screen aspect ratio is 4:3 Lorsque le rapport d'aspect de l'écran est 4:3 アスペクト比 4:3 のとき	$=0.2760 \times SD-0.027$	$=0.2957 \times SD-0.028$
	When the screen aspect ratio is 21:9 Lorsque le rapport d'aspect de l'écran est 21:9 アスペクト比 21:9 のとき	$=0.2649 \times SD-0.027$	$=0.2838 \times SD-0.028$

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