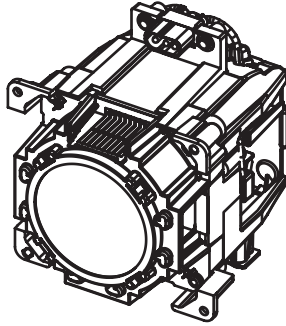


Operating Instructions

Replacement lamp unit

Model No. **ET-LAD510 (1 pc)**
ET-LAD510F (4 pcs)



Thank you for purchasing this Panasonic product.

- Please read these operating instructions and the projector operating instructions carefully, and then use this product correctly.
- Before using this product, be sure to read "Read this first!" (➔ page 2).
- Please save this manual for future use.

Disposal of Old Equipment

Only for European Union and countries with recycling systems



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products must not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local authority.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Product information (for Turkey only)

EEE Yönetmeliğine Uygundur.

EEE Complies with Directive of Turkey.

Read this first!

Always follow these precautions

WARNING:

- **Before replacing the lamp unit, be sure to turn the power off and to disconnect the power plug from the wall outlet.**
 - Electric shocks or explosions can result if this is not done.
- **Do not disassemble the lamp unit.**
 - If the lamp breaks, it could cause injury.
- **Do not remove unspecified screws during the lamp unit replacement.**
 - Doing so can cause electric shocks, burns, or injury.
- **Do not touch the fan with your fingers or any other parts of your body when replacing the lamp unit.**
 - Doing so can cause injury.
- **When replacing the lamp unit, turn the power off and allow the lamp to cool for at least one hour before handling it.**
 - Failure to observe this will cause burns.
- **Be careful to hold the lamp unit cover and to loosen the lamp unit cover fixing screws with the projector installed upward in the vertical direction since the lamp unit cover may open and the lamp case may drop off on its weight.**
 - This can cause severe injury or accidents.
- **When you loosen or fix the lamp case fixing screws with the projector installed upward in the vertical direction, make sure to hold the lamp case handle since the lamp case may drop off on its weight.**
 - This can cause severe injury or accidents.

NOTICE

For USA only

Hg-LAMP CONTAINS MERCURY, Manage in Accord with Disposal Laws.

See: www.lamprecycle.org or 1-888-411-1996

Before replacing the unit

- Make sure to turn off the power before replacing the unit.
- When switching off the projector, make sure to follow the procedures in "Switching off the projector" (➡ page 3).

Checking the lamp unit to be replaced

Check the status of the lamp indicators <LAMP1>/<LAMP2>/<LAMP3>/<LAMP4>.

- The lamp unit corresponding to the lamp indicator that is lit in red is required to be replaced.

Notes on the replacement of the lamp unit

- A Phillips screwdriver is necessary when replacing the lamp unit.
- Since the luminous lamp is made of glass, it may burst if dropped or hit with a hard object. Please handle with care.
- Do not disassemble or modify the lamp unit.
- When replacing the lamp unit, be sure to hold it by the handle because its surface is pointed and its shape is protruded.
- The lamp may be burst. Replace the lamp unit carefully so that the broken pieces of the lamp glass will not scatter. When the projector is mounted on the ceiling, do not make the replacement directly under the lamp unit or put your face near it.

- The lamp contains mercury. When disposing of used lamp units, contact your local authorities or dealer for correct methods of disposal.

Attention

- Use only specified lamp units.

Switching off the projector

When the projector is operating, perform the following steps to turn off the projector, and wait until the lamp unit cools off then make the replacement.

- 1) Press the power standby <⏻> button.
- 2) Press <◀▶> to select [OK], and press the <ENTER> button.
(Or press the power standby <⏻> button again)
 - Projection of the image will stop, and the power indicator <ON (G)/STANDBY (R)> on the projector lights in orange.
(The fan keeps running.)
- 3) Wait until the power indicator <ON (G)/STANDBY (R)> of the projector lights in red (and the fan stops) for approximately 170 seconds.
- 4) Press the <OFF> side of the <MAIN POWER> switch to turn off the power.

Replacing the lamp unit

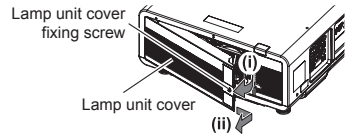
Attention

- When the projector is mounted on the ceiling, do not make the replacement while your face is near the lamp unit.
- Do not remove or loosen the screws other than specified ones when replacing the lamp.

- 1) Set the <MAIN POWER> switch to <OFF> and disconnect the power plug from the power outlet.
 - Wait at least one hour and check if the lamp unit has cooled down.
- 2) Remove the lamp unit cover.
 - (i) Use a Phillips screwdriver to loosen the lamp unit cover fixing screw (one screw) counterclockwise until it turns freely, and then open the lamp unit cover slowly in the direction of the arrow described in the following figure.

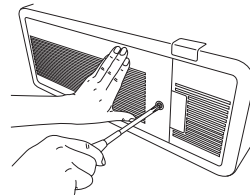
- Opening the lamp unit cover quickly may result in damage to the cover.
- If you loosen the lamp unit cover fixing screw with the projector installed upward in the vertical direction, the lamp unit cover may open on its weight and drop off the lamp unit.

- (ii) Hold the lamp unit cover securely and slide it in the direction of the arrow, and then pull it out backward to remove.



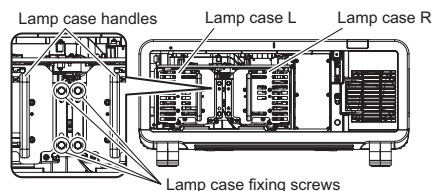
Attention

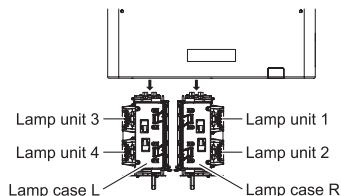
- Be careful to hold the lamp unit cover and to loosen the lamp unit cover fixing screws with the projector installed upward in the vertical direction since the lamp unit cover may open and the lamp case may drop off on its weight.
 - This can cause severe injury or accidents.



- 3) Pull out the lamp case.

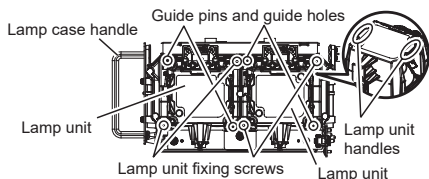
- Use a Phillips screwdriver to turn the lamp case fixing screws of the lamp unit to be replaced (two screws each) counterclockwise until they turn freely, and then hold the lamp case handles to be replaced and pull out backward.
- Do not remove the black screws other than the lamp case fixing screws.
- When you loosen the lamp case fixing screws with the projector installed upward in the vertical direction, the lamp case may drop off on its weight. Be sure to hold the lamp case handle when you loosen the lamp case fixing screws.
- When removing the lamp case, make sure that the projector is stable and remove it in a safe place where the lamp case is dropped off.





4) Remove the lamp unit.

- Use a Phillips screwdriver to turn the lamp unit fixing screws (two screws) counterclockwise until they turn freely, and then remove the lamp unit from the lamp case.
- Hold the handles of the lamp unit and remove it.
- Do not remove the screws other than the lamp unit fixing screws.



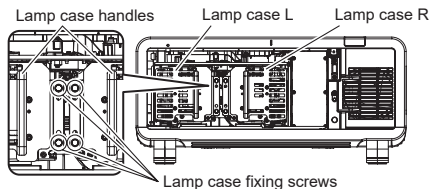
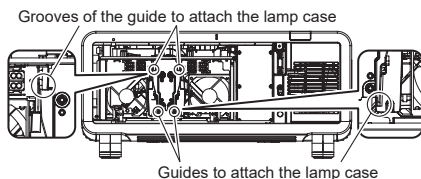
5) Attach the lamp unit.

- Gently push the new lamp unit into the lamp case. Install the new lamp unit carefully so that the guide pins on the lamp case are inserted into the guide holes on the lamp unit.
 - If the lamp unit is not installed properly, remove it and then gently install it again. Pushing it in forcibly or exerting excessive force may break the connector.
 - Use a Phillips screwdriver to tighten the lamp unit fixing screws (two screws each).
- Make sure to attach the lamp unit properly.

6) Attach the lamp case.

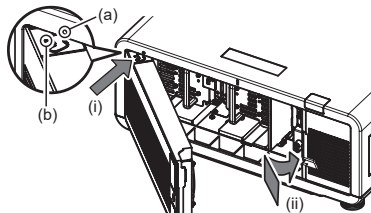
- Gently push in the lamp case along the grooves for the lamp case attachment guide on the projector, and then firmly tighten the lamp case fixing screws (two screws).
- When you secure the lamp case with the projector installed upward in the vertical direction, the lamp case may drop off on its weight. Be sure to hold the lamp case handle when you tighten the lamp case fixing screws.
- If the lamp case is not installed properly, remove it and then gently install it again. Pushing it in forcibly or exerting excessive force may break the connector.

- Make sure to attach the lamp case properly.



7) Attach the lamp unit cover

- Align the lamp unit cover to the marks of (a) and (b) (○ and △) to attach as shown by the arrow.
 - Close the lamp unit cover in the direction of the arrow and use a Phillips screw driver to firmly tighten the lamp unit cover fixing screw (one screw).
- Make sure to attach the lamp unit cover properly.



Note

- When you place the new lamp unit, the projector resets the total usage time of the lamp unit automatically.
- When the lamp case is removed or attached, it will be caught because of the fall-prevention stopper. This, however, is not a problem.

Attention

- After unpacking the lamp unit, discard the packaging material properly.

Panasonic Connect Co., Ltd.

Web Site : <https://panasonic.net/cns/projector/>

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