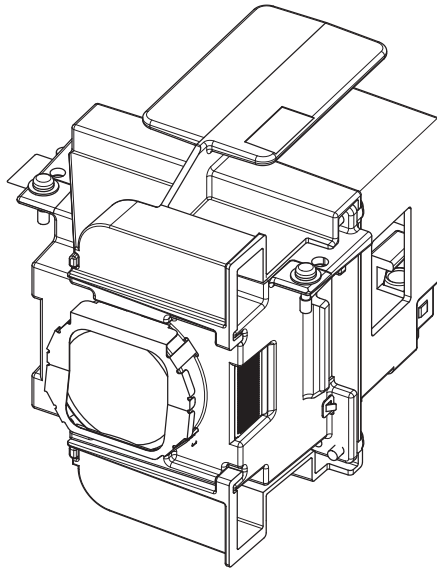


Operating Instructions

Replacement lamp unit

Model No. **ET-LAA310**



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.

EEE Yönetmeliğine Uygundur.

EEE Complies with Directive of Turkey.

WARNING

- **Do not remove any screws other than those indicated when replacing the lamp unit.**
 - If this is not observed, electric shocks, burns or other injuries may occur.
- **Wait until the lamp unit has cooled sufficiently before replacing the lamp unit (wait one hour or longer).**
 - The lamp cover gets very hot, and contact with it can cause burns.
- **Remove the power plug before replacing the lamp unit.**
 - If the lamp unit is replaced without removing the power plug, electric shocks and breakage may occur.

Notes on replacing the lamp unit, air filter, and electrostatic filter

- A Phillips screwdriver is necessary when carrying out replacement. Hold the screwdriver firmly.
- The light source lamp is a glass component. If it is hit on a hard object or dropped, breakage may occur. Be careful when handling a light source lamp.
- Do not disassemble or modify the lamp unit.
- Grip the handle when you remove the lamp unit. Some parts of the lamp unit are sharpened and may cause injury.
- The lamp may be ruptured. Care should be taken not to scatter pieces of the broken lamp glass when replacing the lamp unit. Pieces of the broken lamp may fall from the lamp unit especially when the projector is mounted on the ceiling, so when replacing the lamp unit do not stand directly underneath it or position your face close to it.
- The lamp contains mercury. Contact the local government office or distributor for the correct disposal of the old lamp unit.

Illustrations in these operating instructions

- Illustrations contained in these operating instructions that show the projector and screens may differ from the actual objects they depict.

NOTICE

For USA only

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

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

Accessories

The following accessories (2 x filter/bagged) are included.

Air filter (black) x 1

Electrostatic filter (white) x 1

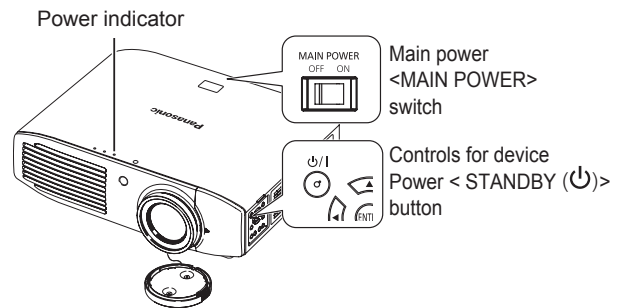
Attention

- Dispose of the packaging materials properly after unpacking the product.

Replacing the lamp unit, air filter, and electrostatic filter

Attention

- If the projector is operating, turn off the power by the following procedure and wait for the lamp unit to cool down before carrying out replacement.
 - 1) Press the power button.
The confirmation screen is displayed.
 - 2) Select [OK] with the ◀ ▶ buttons and press the <ENTER> button. (Alternatively, press the power button once more.)
The lamp extinguishes and video projection halts.
The cooling fan continues to operate and the power indicator illuminates orange.
Wait for the power indicator to illuminate or flash red.
 - 3) Press the <OFF> side of the <MAIN POWER> switch to turn off the power.
Never switch off the main power or remove the power cord when the cooling fan is running.

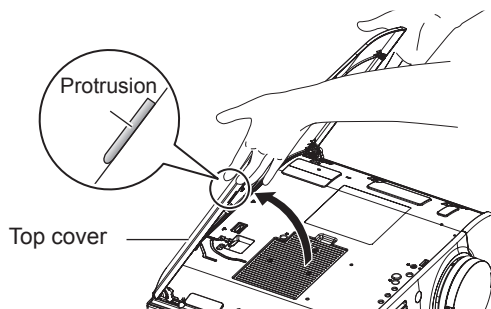


Replacement procedure

- 1) Turn off the <MAIN POWER> switch, remove the power plug from the power outlet, and then wait at least one hour before checking whether the area surrounding the lamp unit has cooled down.
- 2) Remove the video cable connected to the connecting terminal.

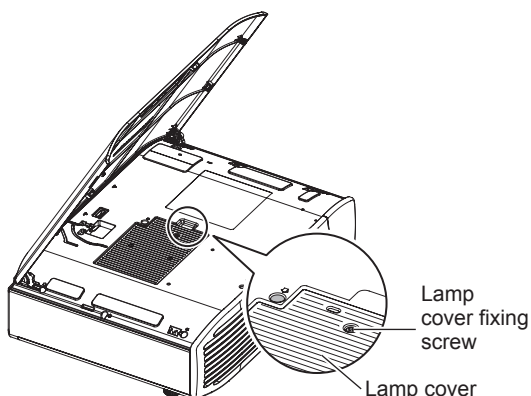
Attention

- If you open the top panel fully, it may come into contact with connectors such as the video cable which may result in breakage of the video cable. Before opening the top panel, be sure to remove the connected video cables, etc.
- 3) Hold the protrusions at the front corner of the top cover of the projector and push up to open.
 - * When the projector is mounted on the ceiling, stand at the lens side of the projector when opening/closing the top cover.

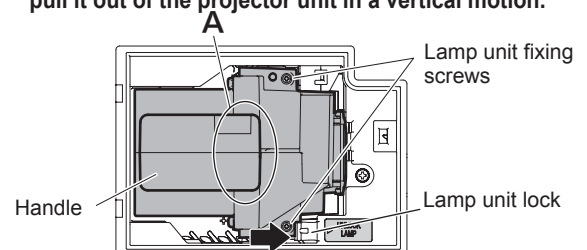


Attention

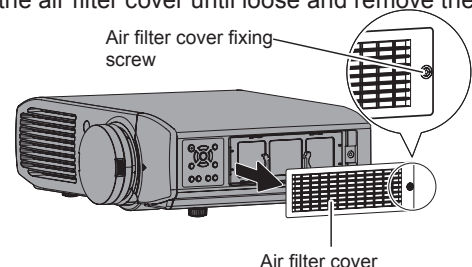
- Be careful not to open the top panel too far. For what to do if the top panel comes off, see "Care and replacement" in "Operating Instructions - Functional Manual".
- 4) Use a Philips screwdriver to unscrew the lamp cover fixing screw (one) until it becomes loose, and then remove the lamp cover.
 - * Slowly remove the lamp cover from the projector.



- 5) Use a Phillips screwdriver to unscrew the lamp unit fixing screws (2 screws) until loose.
- 6) Hold the handle of the lamp unit and with the lamp unit lock held in the direction of the black arrow, carefully pull it out of the projector unit in a vertical motion.



- 7) Replace the new lamp unit while making sure that the direction of insertion is correct. Press the top of the lamp unit downwards and make sure the unit is installed securely. Tighten the lamp unit fixing screws (2 screws) securely with a Phillips screwdriver.
 - Press down on the A part firmly when inserting the lamp unit.
- 8) Mount the lamp cover, and tighten the lamp cover fixing screw (one screw) securely with a Phillips screwdriver.
- 9) Close the top cover of the projector.
 - Close the top cover using the reverse of the procedure in 3) and push the center of the top cover.
- 10) Reconnect the video cable disconnected in 2) to the connecting terminal.
- 11) Remove the air filter cover.
 - Using a Phillips screwdriver to turn the fixing screw of the air filter cover until loose and remove the cover.



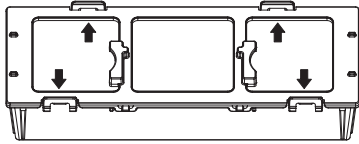
- 12) Remove the air filter unit.
 - Hold the grips on the air filter unit, and remove it from the projector.



Replacing the lamp unit, air filter, and electrostatic filter (continued)

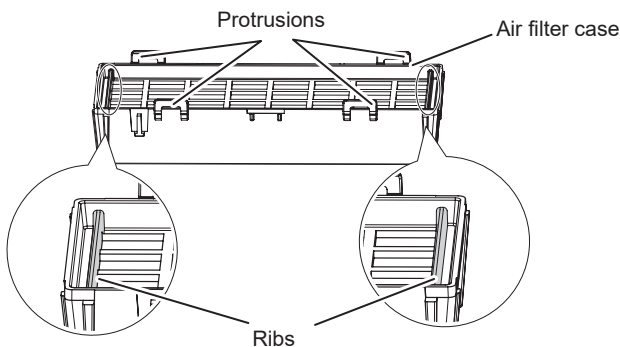
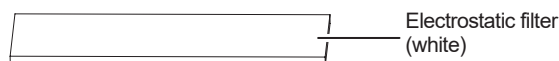
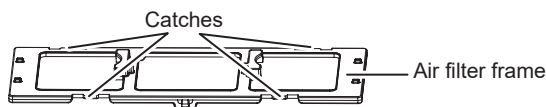
* After removing the air filter unit, remove any large build ups of dirt or dust in the air filter unit bay and the air intake port on the projector.

- 13) Press the protrusions of air filter unit removed from the projector in the direction of the black arrow and remove the air filter frame.



- 14) Replace the air filter/electrostatic filter.

- Replace the air filter and electrostatic filter in the air filter unit with new ones.
- * Ensure you attach the electrostatic filter and air filter in the correct order.



- 15) Assemble the air filter unit.

- First insert the electrostatic filter (white) into the center of the case ensuring that its edges do not ride on top of the ribs, and then insert the air filter (black) so that its four corners are within the case before attaching the air filter frame.
- * Take care so that the air filter does not get caught between the air filter frame and the case.
- * Align the catches and protrusions on the air filter case and air filter frame when assembling the air filter unit. When attaching the air filter frame, ensure that the 4 catches are properly aligned with the protrusions on the air filter case and they have clicked into place.

- 16) Attach the air filter unit to the projector.

- Attach the air filter unit to the projector using the reverse of the procedure in 12).

* Insert the air filter unit into the projector in the direction of the arrow engraved into the air filter frame until it clicks into place. ^{UP} (↑)

- 17) Attach the air filter cover, and firmly tighten the air filter cover fixing screw (one) with a Philips screwdriver.

- 18) Insert the power plug into a power outlet, and press the <ON> side of the <MAIN POWER> switch to turn on the power.

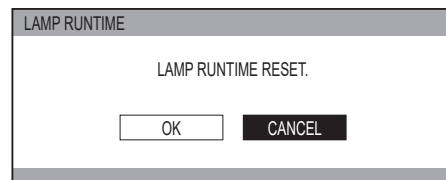
- 19) Press the power <⏻/|> button on the projector or on the remote control to start video projection.

- 20) Press the <MENU> button to display the menu screen, and select [OPTION] with the ▲ ▼ buttons.

- 21) Press the <ENTER> button, and select [LAMP RUNTIME] with the ▲ ▼ buttons.

- 22) Hold the <ENTER> button down for 3 seconds.

- The [LAMP RUNTIME] screen is displayed.



- 23) Select [OK] with the ◀ ▶ buttons and then press the <ENTER> button.

- LAMP RUNTIME is reset to "0" and the projector prepares to power off. After a short while, the projector enters power off (standby) mode.

Attention

- The air filter unit must always be installed in the projector. Failure to do so will result in malfunctions due to foreign materials, such as dust, entering the projector.
- Do not use water to wash the air filter unit as this decreases its ability to absorb dust.
- Always replace the air filter and electrostatic filter whenever replacing the lamp unit.
- Install the lamp unit and the lamp cover securely.

Panasonic Connect Co., Ltd.

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