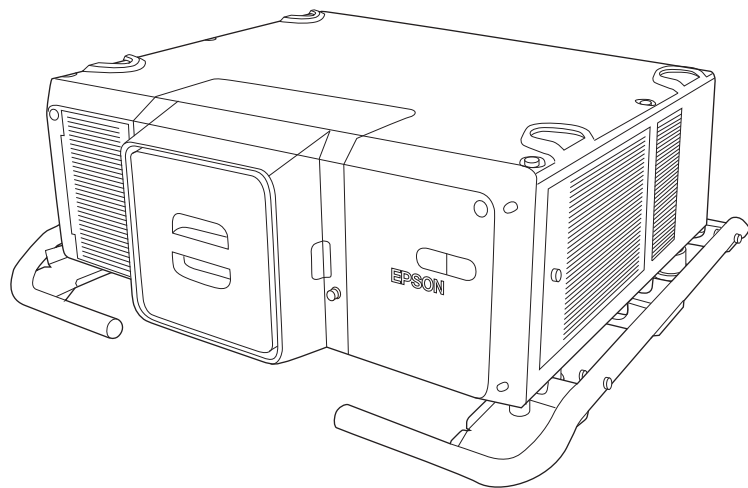


Transport and Installation Handbook

EB-L30002U

EB-L30000U





About the Manuals for this Projector

The following manuals are supplied with the projector. Make sure you read the manuals thoroughly to operate the projector correctly and safely.

Booklet (Paper) Manual

- *Transport and Installation Handbook* (this handbook)

Provides instructions on carrying and installing this projector safely.

Check this handbook before carrying and installing.

Contact your local dealer or the nearest address provided in the *Safety Instructions*.

PDF Manuals

- *Safety Instructions*

Provides cautionary notes on using this projector safely and information on support and service.

Make sure you check these manuals before use.

- *User's Guide*

Provides information on using this projector, using the Configuration menu, troubleshooting, and maintenance.

- *Specifications*

Provides information on the projector specifications, external dimensions, supported lenses, and so on.

For More Information

epson.sn 












<http://epson.sn>



Notations Used in This Guide

The documentation and the projector use graphical symbols to show how to use it correctly and safely to avoid personal injury, injury to others, and damage to property. The indications and their meaning are as follows. Make sure you understand them properly before reading the guide.

Symbol	Meaning
 Warning	This symbol indicates information that, if ignored, could possibly result in serious personal injury or even death due to incorrect handling.
 Caution	This symbol indicates information that, if ignored, could possibly result in personal injury or physical damage due to incorrect handling.

Indicates Prohibited Actions			Indicates Instructions that Must be Followed			
						
Prohibited	Contact prohibition	Usage near water prohibited	Instructions	Instructions that must be followed	Disconnect plug from electrical outlet	Contact a qualified technician

Introduction

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Transport and Installation Handbook



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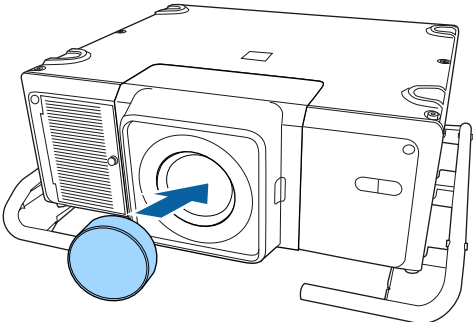

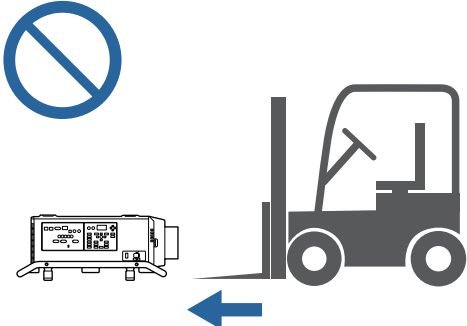

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Notes on Carrying and Transporting

 Caution	
Before carrying this projector, make sure you turn it off and disconnect all cables.	


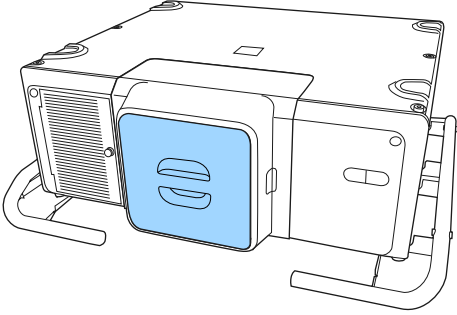



When Carrying Without Packing

Note the following points when moving the projector by hand or by using a forklift to a close location without packing it up.

 Caution	
This projector is heavy and should be carried by at least four people.	
When an optional lens is attached, attach the lens cap for the lens unit being used. 	
When lifting this projector with a forklift, do not insert the fork from the front of the projector (the lens side). Otherwise, the lens unit or the projector could be damaged. Insert the fork from the rear or the side. 	








When Packing and Transporting





Note the following points when packing up this projector and transporting it on a track and so on.

 Caution	
<p>Before packing, remove the lens unit from the projector, and attach the protective cap. If you have used lens shift to move the lens position, move the lens to the home position and then remove the lens unit.</p> 	
<p>Enclose the projector securely in packaging material to protect it from shock, and place it into a strong container.</p>	
<p>This projector is precision equipment. A qualified technician such as the carrier company must transport the projector with caution.</p>	

Notes on Installation

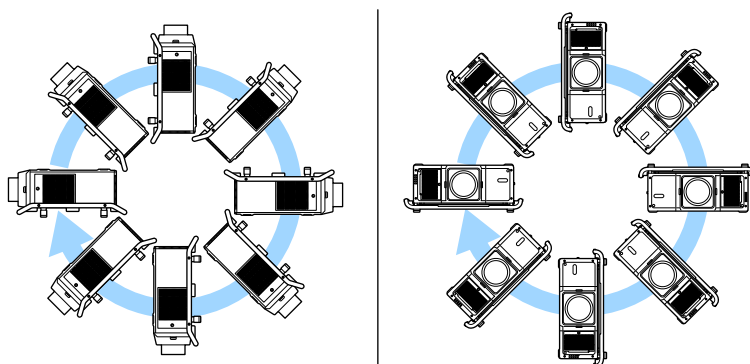
Notes on the Installation Environment

 Warning	
<p>Do not use or install the projector where it may be subject to water or rain, or high humidity, such as outdoors, in a bathroom, or shower room, and so on.</p> <p>Otherwise, it could cause a fire or electric shock.</p>	
<p>Do not place flammable objects in front of the lens.</p> <p>If you set the schedule to turn on the projector automatically, any flammable objects placed in front of the lens could cause a fire.</p>	
 Caution	
<p>Check the following points before installing.</p> <ul style="list-style-type: none"> • Make sure the location is not subject to vibrations or shocks. • Make sure the location does not shake and is not tilted at an angle. • Make sure there are no high-voltage lines or magnetic devices in the surrounding environment. 	
<p>Do not use or store the projector in a location that is subject to extreme temperatures.</p> <p>Also, avoid sudden temperature changes.</p> <p>Make sure you use or store the projector in a place that is within the following operating or storage temperature ranges.</p> <ul style="list-style-type: none"> • Operating Temperature <ul style="list-style-type: none"> 0 to +50°C (Altitude of 0 to 2,286 m, no condensation) 0 to +40°C (Altitude of 2,287 to 3,048 m, humidity of 20% to 80%, and no condensation) • Storage temperature <ul style="list-style-type: none"> -10 to +60°C (No condensation) 	
<p>Do not install the projector in direct sunlight.</p> <p>If the projector is in direct sunlight, the internal temperature increases, which could cause parts such as the surface of the projection lens or the built-in camera to deteriorate.</p>	

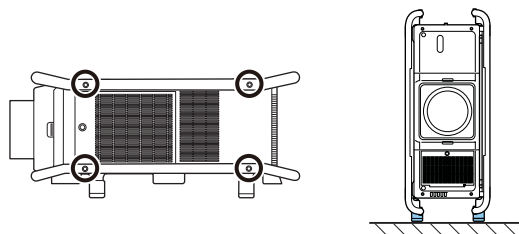
 Caution	
<p>When installing the projector in an environment in which a high-powered laser beam is being used, make sure it is installed so that the laser beam does not hit the surface of the projector's projection lens or the built-in camera.</p> <p>If the laser beams through the surface of the projection lens or the built-in camera, block the laser beam with non-permeable or incombustible aluminum foil or metal plates such as iron to protect the projection lens and the built-in camera. You can also use the projector's Shutter function to prevent the LCD panel from being damaged by laser light.</p>	
<p>When using the projector in smoky environments such as at events and so on, make sure you replace the air filter after approximately 240 hours of use. (This is a guideline when using the projector in an environment with an atmospheric concentration of ondina oil of approximately 0.00000013%. The air filter replacement time may be shorter depending on the operating environment.)</p> <p>Using the projector in a smoky environment may cause the filter's dust collection function to decline and dust may adhere to the inside of the projector or the power supply; this may cause a malfunction to occur.</p>	
<p>Do not install the projector in an airtight location.</p> <p>Heat exhausted from the projector will become trapped in the location which could cause the projector to malfunction. When the projector is installed in an enclosed location so that it cannot be seen, make sure the location is not airtight and that it can be ventilated and the temperature can be controlled.</p>	


Notes on Installing

The projector can be installed at any angle. There is no vertical or horizontal limit to how the projector can be installed.



You can install the projector in a portrait orientation by attaching the carrying handles to the top and bottom of the projector. You can remove the feet from the projector and attach them to the carrying handle.



 Warning

You may need dedicated installation mounts to tilt and install the projector.

Contact a specialist and prepare the mount.

- Plan so that the mount does not fall.
- Make sure the mount is strong enough to support the projector.
- When attaching a mount to the projector, secure the mount with bolts using the handle securing section (6 points) on the top or base of the projector.



Since special techniques are required to install the projector on a ceiling (ceiling mount) or in a high location, make sure you contact a professional.

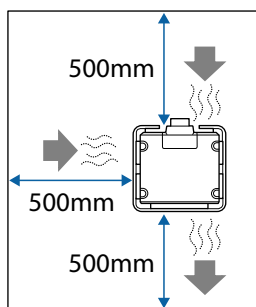
If installation work is not carried out correctly, the projector could fall down. This may result in injury or accidents.



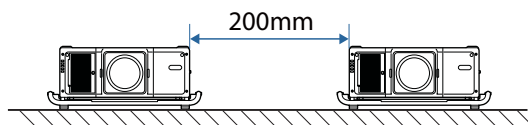
Note the following points when installing so that the projector's air intake vent or air exhaust vent are not covered.

If either of the vents is covered, the internal temperature could rise and cause a fire.

- Make sure you secure the following space around the projector.

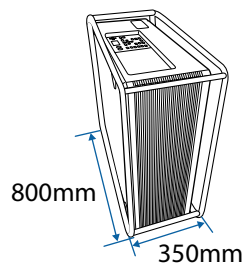
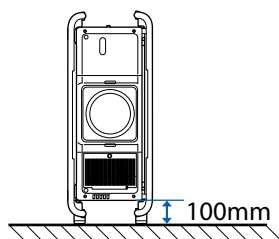



- When setting up multiple projectors, make sure there is a gap of at least 200 mm between the projectors.



- Make sure you secure the following space when installing with the air intake vent underneath.

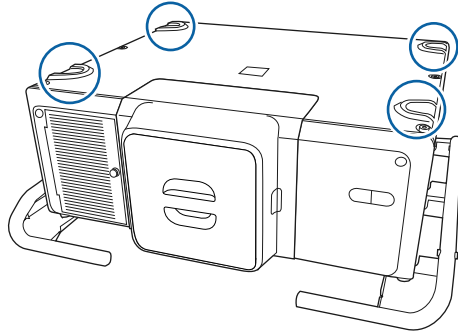
- A gap of at least 100 mm between the installation surface and the air intake vent.
- A space of 800 x 350 mm around the entrance of the air intake vent.



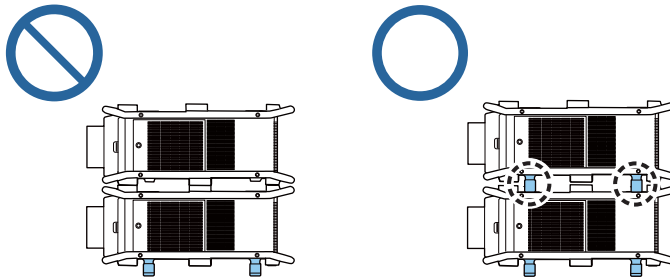
 Caution

Note the following points when installing a projector directly on top of another. This projector can be installed on top of another projector that has the carrying handles attached to the top.

- Do not stack three or more projectors (you can stack up to two projectors).
- Install the feet in the indentations on the top at the four corners.



- Do not remove the feet on the bottom of the projector.



Except for the projector's parts, do not place anything on the projector.

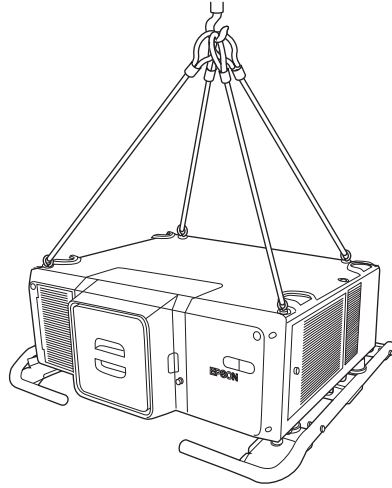


Cautions on Lifting



Caution

Do not lift the projector with the front/back/side of the projector facing up.
Use the four eye bolts installed on the same surface of the projector to lift it.

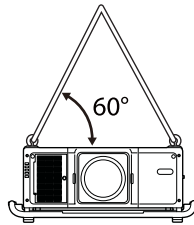


Only use the eye bolts when temporarily transporting the projector and not for permanent installation.

The projector could be damaged or could malfunction.



Make sure that the angle when lifting is 60 degrees or more.

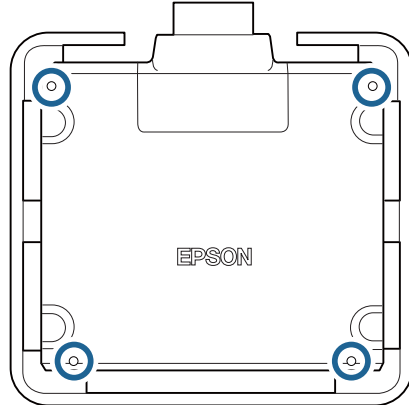




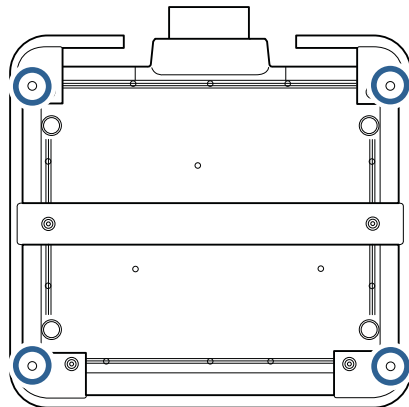
Caution

Make sure you attach eye bolts at the following locations.

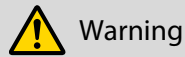
- When attaching directly to the projector
Use four commercially available eye bolts M8 (ankle length 11 to 16 mm) and attach them to the handle securing section (4 corners).



- When attaching to the handle
Use four commercially available eye bolts M10 (ankle length 11 mm or more) and attach them to the four screw holes for eye bolts on the handle.



Notes on Connections



Warning

Be careful when handling the power cord.

Otherwise, it could cause a fire or electric shock.

Note the following when handling the power cord.

- Only use the specified power-supply voltage.
- Do not plug multiple power cords in a single electric outlet.
- Do not plug in the power cord if there are any foreign substances, such as dust, stuck to it.
- Make sure you insert the power cord all the way in.
- Do not plug in or unplug the power cord with wet hands.
- Do not pull the cord when unplugging the power cord. Make sure you hold it by the plug.



Do not use a damaged power cord.

Otherwise, it could cause a fire or electric shock.

Note the following when handling the power cord.

- Do not alter the power cord.
- Do not place any heavy objects on the power cord.
- Do not tie the power cord and other connection cables together.
- Do not bend, twist, or pull the power cord forcibly.
- Do not layout the power cord near a heating device.








Attaching the Lens Unit

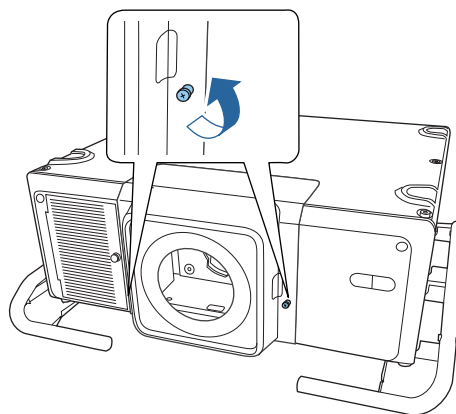
The projector supports lens units with the following model numbers.

- ELPLR05
- ELPLU05
- ELPLW07
- ELPLM12
- ELPLM13
- ELPLM14
- ELPLL09
- ELPLL10

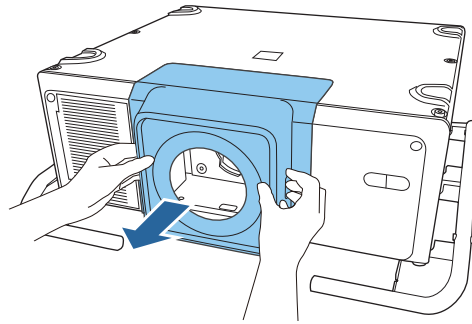
We recommend setting the focus, zoom, and lens shift at least 20 minutes after you start the projection, because images are not stable right after turning on the projector.

 Warning	
<p>Make sure you disconnect the power cord from the projector before removing or attaching the lens unit to the projector.</p> <p>Otherwise, it could cause an electric shock.</p>	
 Caution	
<p>Do not touch the lens section with your hand or fingers.</p> <p>If fingerprints or oils are left on the surface of the lens, projection quality deteriorates.</p>	
<p>Do not attach the lens unit when the lens insertion section is facing up.</p> <p>Dust or dirt could enter the projector.</p>	

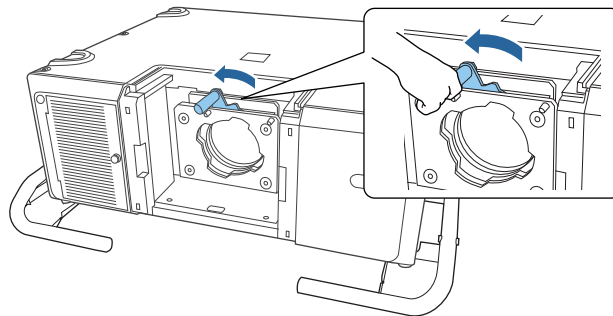
- 1 Loosen the lens cover fixing screws.
Turn the screws by hand.



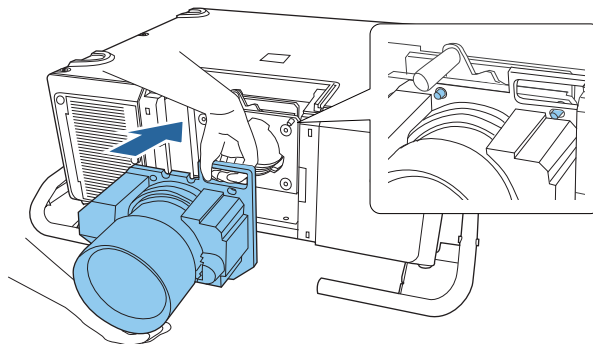
- 2 While pressing the tabs on both sides of the lens replacement cover, pull it towards you to remove it.




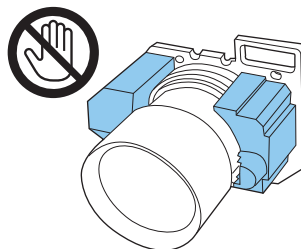
- 3 Turn the lock lever counterclockwise.



- 4 Insert the lens unit straight so that the protruding points on the lens fit through the holes (2 points) at the top of the lens unit.

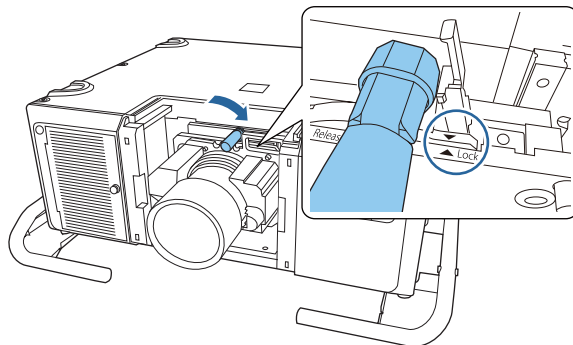


 When attaching the lens unit, do not touch the motor covers shown in the following illustration (2 points). Otherwise, the lens unit may malfunction.

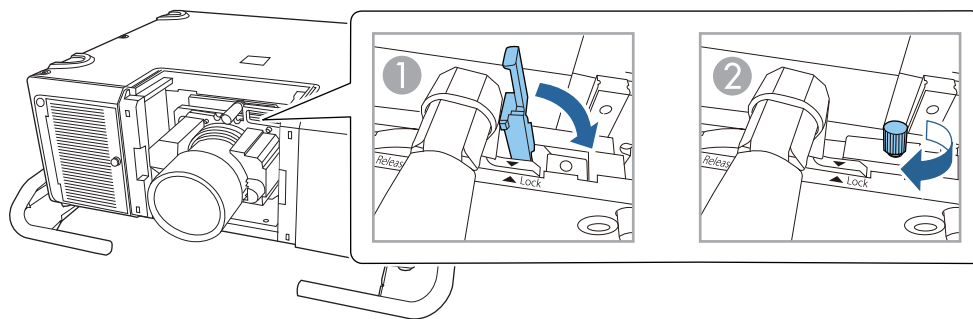


5 While holding the lens unit firmly, hold the lock lever and turn it clockwise to lock the lens unit.

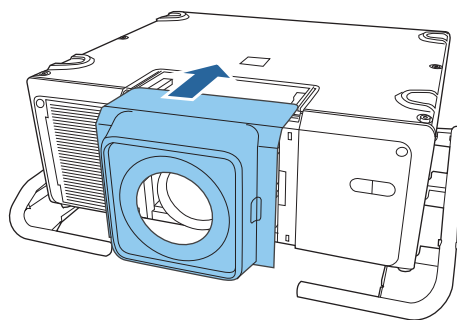
Check that the lens cannot be detached.



To further secure the lever, tighten the screw. You can turn the screw by hand.



6 Attach the lens replacement cover.



7 Tighten the lens cover fixing screws.

