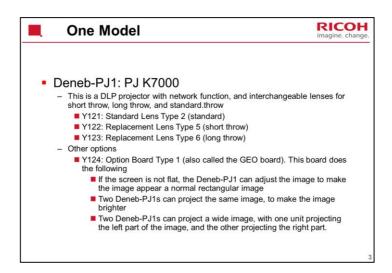
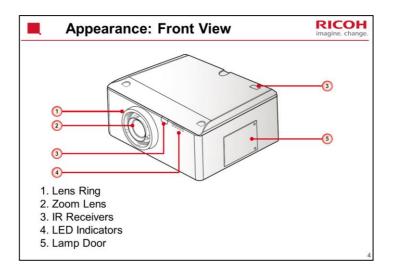
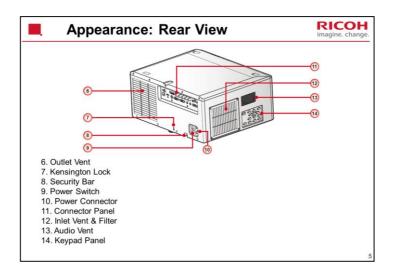


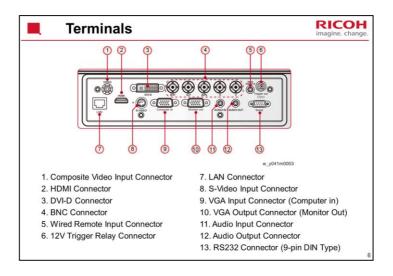
This course explains how to service the Deneb-PJ1 projector.

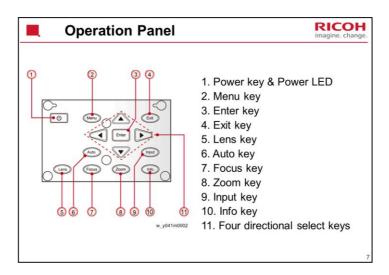




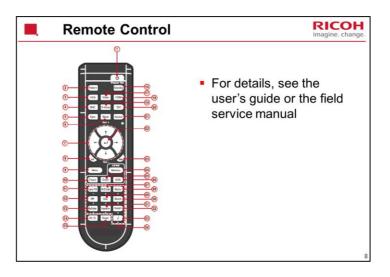






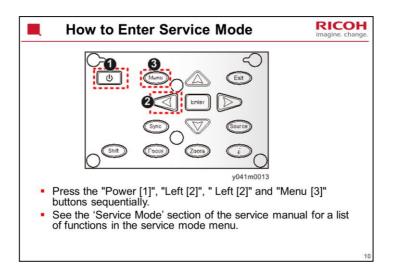


Press the Menu button to access the On-Screen Display (OSD) menu, which is sometimes mentioned in the service manual.

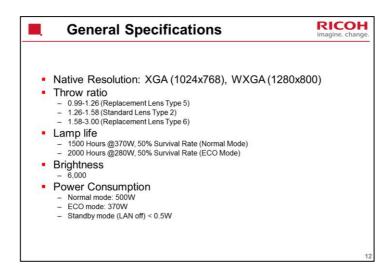




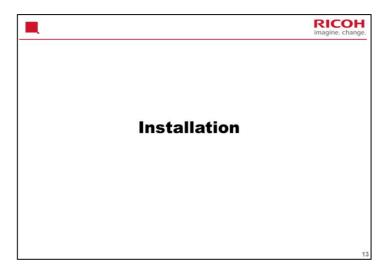
- 1. Filter LED
- 2. Error LED
- 3. Temp LED
- 4. Lamp LED
- 5. Power LED







For more details, see the field service manual.

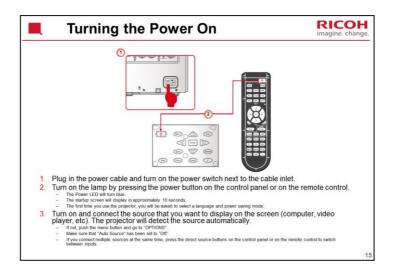


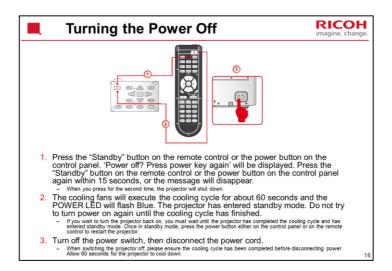
This projector is installed by the customer. However, please study the installation procedure in the user's guide to be familiar with the procedure, because some customers may need help.

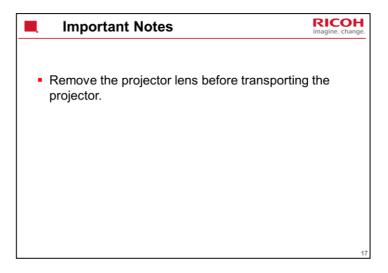
Installation by the Customer RICOH imagine. change.

- This projector is installed by the customer.
- However, please study the installation procedure in the user's guide to be familiar with the procedure, because some customers may need help.

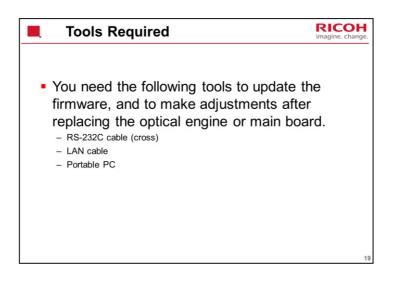
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- Operators should wear straps for discharging static electricity when disassembling the machine.
- When removing or disassembling the optical engine, please note that specific environmental conditions (clean room) are required.

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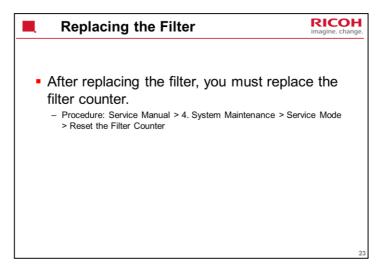
After Replacing Components



- After replacing certain parts, some adjustment procedures must be performed.
- See the table in the "Required Action After Replacing Parts" section for which adjustments are required and where to find them in the manual.
 - Whenever you replace a component, check this table to see if you
 have to do any of these procedures. The text in the Replacement and
 Adjustments procedures does not always refer to this table.

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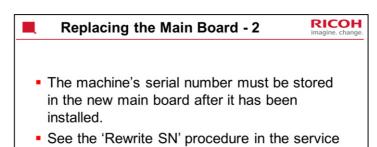


Replacing the Main Board - 1



- The main board contains a record of the lamp usage hours.
- If you have to change the main board, make a note of the lamp hours before you remove the board.
- Then use the 'Rewrite Lamp Hours' procedure after you install the new board, to store this number in the new board.

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No additional notes

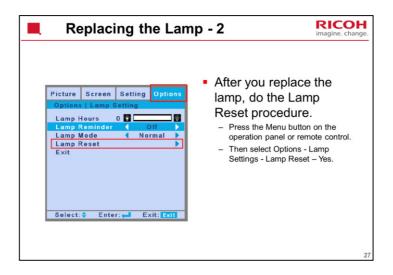
manual.

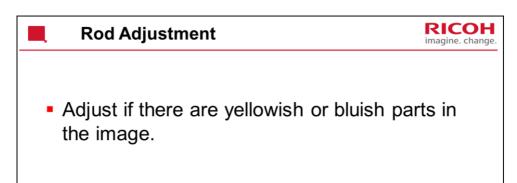
Replacing the Lamp - 1

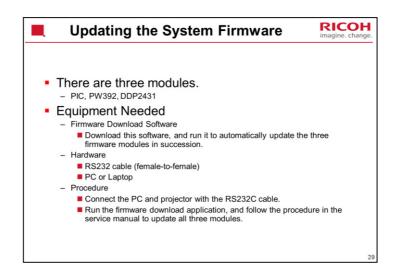


- When the lamp reaches its end of life, 'Lamp Warning, lamp life exceeded' is displayed.
 Replace the lamp as soon as possible.
- Allow the projector to cool for at least 30 minutes before you open the lamp cover.
- Replace with a lamp of the same type.
 - Replacement Lamp Type 13 (service part only)

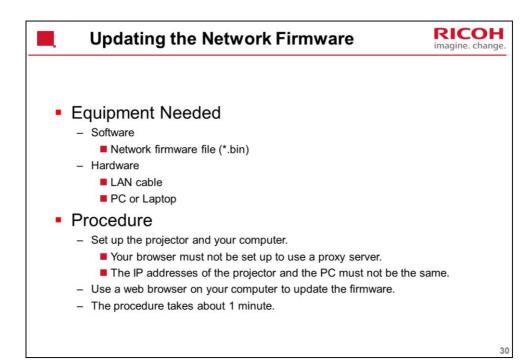
26



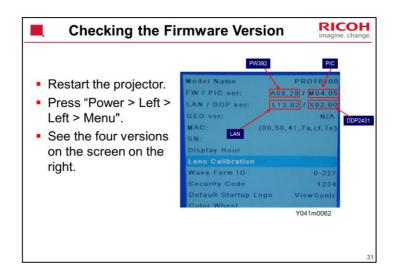




The detailed procedure is in the System Maintenance – PIC/PW392/DDP2431 FW Update section of the service manual.



The detailed procedure is in the System Maintenance – LAN Firmware Update section of the service manual.





The End