

NuVIEW Installation Instructions

Installation of Navitar Series 490 lens on Sony VPL-FE40 & FX40 projectors.

TOOLS REQUIRED: Metric Phillips head screwdriver (magnetic)

Disassembly:

1. Disconnect unit from power source.
2. Place a piece of cardboard on the working surface and turn the projector upside down and lay it on its top on the cardboard to keep from scratching the top side of the projector. Make sure that the prime lens is pointed toward you.
3. Remove the (2) projector legs located at the front of the projector.
4. Loosen the three screws holding the lamp cover with a Phillips head screw driver and remove the cover by pulling it toward you and out of its tabs. The screws will remain captured with the cover.
5. Use the Phillips head screw driver to remove the screws holding the lower section and the top of the projector together. Their location is marked with a raised arrow including one of the screws on the controls side of the projector. Put the screws in a safe location.
6. Grasp the projector with both hands in order to keep the upper and lower half together and turn the projector right side up.
7. Gently lift the bottom of the projector at the front and pry it open just enough to allow your hand to reach inside.
8. Reach inside and disconnect the small white cable located farthest to the left from the circuit board by pulling it toward you. This will allow you to separate the cover from the bottom of the projector. Remove the cover and set it aside.
9. Remove the prime lens from the projector by pushing the plastic lever to the right of the lens toward the lens and lifting it upward at the same time until the lens is released. Pull the lens straight out toward you to disengage the electrical connector.

Assembly:

1. Rotate the adapter flange assembly and separate it from the lens.
2. Place the adapter flange assembly inside the projector with the longer tube facing towards the front of the projector.
3. The notch for the handle will be located on the upper right side and the slot for the pin on the same side. Line up the flange to fit over the pins inside the projector.

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4. After aligning, reach in near the flange and push the plastic lever down until it locks in the adapter flange.
5. Replace the cover by reconnecting the white cable and repositioning the cover over the top of the lower housing.
6. Grasp the projector as before, rotate and lay it on the top.
7. Replace all the screws at the arrowed positions.
8. Reinstall the lamp cover.
9. Insert the lens into the adapter and rotate until the desired focus is reached.
10. If you are using the 490MCZ275 lens, the adapter and the lens are one piece. Simply follow the instructions for inserting the adapter only.
11. Focus the 490MCZ275 by turning the outer ring. Rotate the inner ring to zoom the lens
12. If you are using the 490MCL1625 or the 490MCL2125, focus by rotating gently CW or CCW. Move the projector location to change the zoom.
13. If you are using the 490MCZ500, to focus, gently twist the front of the lens. To zoom, loosen thumbscrew and twist the knurled zoom ring and re-tighten the thumbscrew.

CAUTION: When focusing, the 489MCZ500 and 489MCL1625 be sure not to twist lens completely out of the adapter!