

TECHNICAL BULLETIN

Ikegami

37 Brook Avenue, Maywood, New Jersey 07607 • (201) 368-9171

Date: 5/2/2014
Engineer: Alan Keil
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To: Distribution

Product: HDK-77EX, 79EX, 79EXII, 79EXIII, 727P

Symptom: Noise in intercom or failure of camera to turn On due to loss of capacitance of filter capacitors in the power supply circuits.

Purpose: Recommend sending the 12V Power box to Ikegami for refurbishing after three or more years of 24/7 operation as preventative maintenance. It is not recommended for customers to replace the components because it is easy to damage the printed circuit, especially on the Standby board.

Instruction: Remove the 12V Power box following the instructions below. You can also refer to the Module Removal and Installation section of the Maintenance Manual for your camera head.

- 1) Remove both side covers.
- 2) Loosen 2 captive screws at the heat sink (see photo #1)

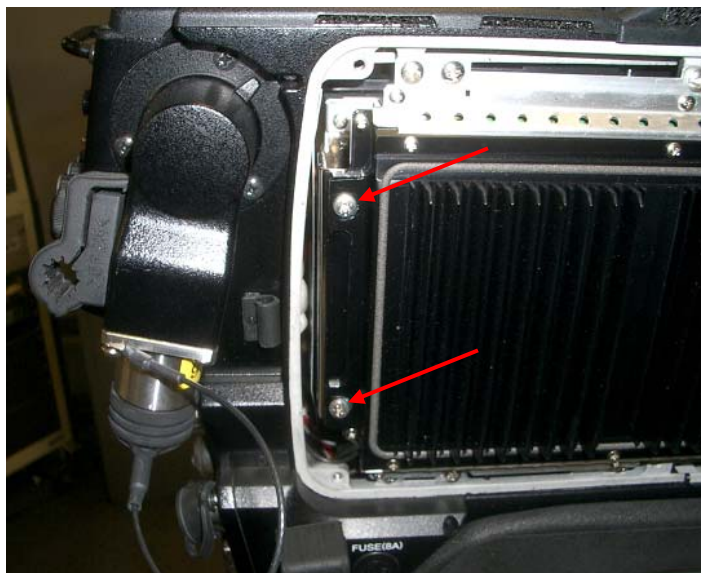


Photo #1

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- 3) Remove 3 harnesses connecting at the front of the 12V Power box (see photo #2).
- 4) Remove module retainer.
- 5) Loosen 4 captive screws, two are at the front of the E/O & O/E board and the other two are at the front of the 12V Power box (see photo #2).



Photo #2

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- 6) Pull out the E/O & O/E board. There is no need to remove the cables, just let the module hang free (see photo #3). Note: be careful handling the two yellow fiber cables.
- 7) Remove the 12V Power box (see photo #4).

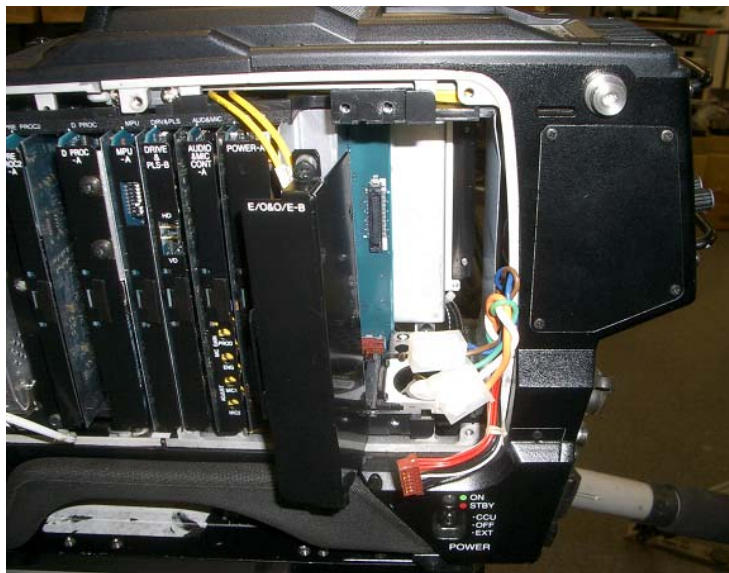


Photo #3



Photo #4