



Customer Service

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Sales Administration, Spares, Product & Technical Support and Repair Services

Lexicon MPX 110 Repair Procedure

The purpose of Lexicon Repair Procedure documents is to assist authorized Lexicon Service technicians in repairing and updating returned units to current manufacturing standards. This and its associated procedures are the factory repair standard and are recommended to authorized distributor service centers. These procedures are to be used in conjunction the product service manual, technical bulletins and with standard performance verification, troubleshooting and QC procedures. Some of the information contained herein may be proprietary in nature and should be treated by Lexicon and it's representatives as such.

Part 1. Mandatory repairs ALL RETURNS

1. Confirm complaint(s) and repair (see troubleshooting notes, Part 3).
2. Clean jacks as needed. **Trichlorethene cleaner will damage plastic parts - do not use to clean flux from or near plastic components.**
3. Perform a complete visual inspection of all cable connections, solder joints and seating of socketed components and correct any problems found.
4. Clean the unit inside and out. (This should be a final QC step)
5. Incorporate all applicable ECOs based on assembly revision.

Part 2. Optional repairs AS NEEDED

Part 3. Troubleshooting notes

Part 4. Engineering change orders (relevant to service/repair); see master shopfloor files for complete listing

1. DW 011211-00: On Rev 1 main boards (023-14954) Kapton tape (720-03571) was added (.20" x .50") to component side area at SW3 and SW4 locations between the thru-holes and the board edge. TO guard against potential shorting of etches @ SW3 and SW4, ENCODER, SW locator nubs (452-14617). ECO to correct layout for Rev2 PCB: ECO 011211-00; effective: S/N: 05185 to 05534; S/N: 05535 to 06305