



Customer Service

A Harman International Company

3 Oak Park Bedford, MA 01730
Tel (781) 280-0300, Fax (781) 280-0499
email: csupport@lexicon.com

MPX G2 REPAIR PROCEDURE

The purpose of this document 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. This procedure is 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 its 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. Update returned BETA units (26): DW980901-00 allowed shipment of serial nos: 1000-1025 with BETA software and no User Guide. Install released software and add User Guide.
6. For units returned that do not have RTV applied to battery leads apply silicone RTV to the leads to provide better mechanical stability. UPDATE: ECO 000814-00

Part 2. Optional repairs AS NEEDED

1. ECO980903-00/00-A P/N 680-12873 CABLE,COAX,,100,SCKTX2,2C,10" **Rev0** - rework **all** returned units to add a drop of RTV to each end at the cable connections J2 (Input bd) and J21 (main bd). This remedy has been implemented in manufacturing starting with serial number: Lxxxx-1295. Additional units with this remedy implemented are: 1239, 1294, 1232, 1214, 1206, 1200, 1279, 1235, 1203, 1284, 1240 (Europe, 230volt units). P/N 680-12873 CABLE,COAX,,100,SCKTX2,2C,10" **Rev1**, longer cable, due Mid-December for production will eliminate need for RTV; SN Start: TBD - MFG to track serial number and report to service.
2. **MOVED TO MANDATORY REPAIRS:** For units returned with broken battery leads: when replacing the battery, apply silicone RTV to the leads to provide better mechanical stability. Notify Customer Service Manger and MFG Eng. if trend of these returns seems to increase. 8/99-five units to date observed.
3. ECO 010621-00 To ensure proper termination of connectors on P/N 680-12873 at J3 on FP input board and J4 on Pot board, after female side is properly installed and fit, apply RTV, Loctite # 5140 to the male side of the connector. This should only be required with cables manufactured by Lin Po

MPXG2 Repair Procedure, created: 9/14/98; REV 1 July 16, 2001

MPX G2 REPAIR PROCEDURE

Part 3. Troubleshooting notes

1. REF: ECO 000121-01 If there is a complaint of hum in the audio, check the length of P/N 680-12872 coax cable to insure that the maximum length of unshielded from the jacket of the cable to the connector on each end is .5".

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