M480L SERVICE BULLETIN #6

SUBJECT: +5 volt / VCC power connections to Rev 10 Host Bds.

REFERENCE: Internal memo

PURPOSE: To notify technical personnel of a production problem with some 480L Rev 10 Host boards. (Some boards had etch power connections (+5 volt/VCC) missing at some of the IC's and bypass capacitors).

CORRECTIVE ACTION: Repair/replace missing etch connections.

EQUIPMENT REQUIRED:
DVM Meter
Soldering Iron
Solder
28 AWG Kynar wire

WARNING

This modification should be performed by qualified technical personnel only. Damage caused by performing this modification may void the manufacturer's warranty or standard repair policies.

CAUTION
Electrostatic Discharge (ESD) Precautions

The following practices minimize possible damage to ICs resulting from electrostatic discharge or improper insertion.

- Keep parts in original containers until ready for use.
- Avoid having plastic, vinyl or styrofoam in the work area.
- Wear a properly installed anti-static wrist-strap.
- Discharge personal static before handling devices.
- Remove and insert boards with care.
- When removing boards, handle only by non-conductive surfaces and never touch open-edge connectors except at a static-free workstation.*
- Minimize handling of ICs.
- Handle each IC by its body.
- Do not slide ICs or boards over any surface.
- Insert ICs with the proper orientation, and watch for bent pins on ICs.
- Use anti-static containers for handling and transport.

* To make a plastic-laminated workbench anti-static, wash with a solution of Lux liquid detergent, and allow to dry without rinsing.

INSTRUCTIONS: If you have an M480L that is failing intermittently, check for the Rev level of the Host board. If the Host board is Rev 10, using a DVM meter set for measuring continuity, check the + 5 volt / VCC connections on several IC's and Bypass capacitors various points around the board. Install wire jumpers for any opens found.

(Note refer to schematics to identify + 5 volt /VCC pin locations.)

Please contact LEXICON CUSTOMER SERVICE with any questions.