



Customer Service

A Harman International Company

3 Oak Park, Bedford, MA 01730-1441 | Tel: 781-280-0300 | Fax: 781-280-0490 | [www.lexicon.com](http://www.lexicon.com)

Customer Support: Tel: 781-280-0300 | Fax: 781-280-0495 (Sales) | Fax: 781-280-0499 (Service) email: [csupport@lexicon.com](mailto:csupport@lexicon.com)

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

## M300 SERVICE BULLETIN

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**SUBJECT:** Encoder resolution with 36 position encoder (P/N 452-09762)

**REFERENCE:** ECO 000808-01

**DISTRIBUTION:** International Pro Product Distributor Service Centers, Customer Service, Repair

**CORRECTIVE ACTION:** Install V1.0 ROM P/N 350-08059

**EQUIPMENT REQUIRED:**

Clean, well lighted anti-static work bench with grounded wrist-strap  
#1 Phillips Screwdriver  
IC-ROM Puller

**WARNING**

Only qualified technical personnel should perform modifications. 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:**

On the FP Processor board, replace U2, 350-08574 IC,ROM,27128,M300 FP,V2.01 with 350-08059 IC,ROM,27128,M300 FP,V1.0. Note: P/N 350-08574 should be used with any M300 FP with encoder P/N 452-04233 SW,RTY,INC ENCODER,50 POS. P/N 350-08059 may be used with encoder P/N 452-09762 SW,RTY,ENCODER,36 POS,VERT MNT. Note, first serial number with 36 position encoder and V1.00 ROM (350-08059) is SN: 4947. Update customer units as requested.

Please contact LEXICON CUSTOMER SERVICE with any questions.

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1