

MARSH® REPAIR SERVICES

Circuit Board Repair

We offer repair services for Marsh ML8, ML4, DL, DLi, LCP/1000 & LCP/1 circuit boards. See below for a more detailed listing. Circuit board repairs are billed at the rate of \$75.00 per hour plus parts.

High-Res Printhead Repair and Refurbishment

We offer repair and refurb service on Marsh hi-res printheads with Trident print engines. A flat labor rate of \$250.00 is charged, regardless of what the problem is, up to, but excluding a Level 3 repair. Level 3 repairs are not cost-effective to perform considering the cost of the print engine replacement. Parts are additional. For example, a standard refurb on a Marsh Single, BC/192, BC/256 or BC/352 printhead, which would include ultrasonic cleaning of the cp/op plate, replacement of the ink tubing, check valve, print engine filter and cover cap, would be approximately \$350.00 your cost. Should we determine that a printhead sent in for repair/refurb require a Level 3 refurbishment, you will be notified and an evaluation charge of \$50.00 is applied. We do not offer repair services for Marsh HR Series printheads.

Unicorn Printer Repair

Repairs on Marsh Unicorn printers are charged at a flat labor rate of \$125.00 per unit, plus parts.

Patron and PatronPlus

Repairs of Patron or PatronPlus controllers are charged at a flat labor rate of \$125.00, plus parts.

Repairs of Patron or PatronPlus VJ7 series printheads are charged at a flat labor rate of \$125.00 plus parts.

Repairs of Patron or PatronPlus VJ16 series printheads are charged at a flat labor of \$150.00 plus parts.

700 & 1600 Series Printhead Repairs

Repairs of Marsh 700 or 1600 series printheads are charged at a flat labor rate of \$150.00 plus parts.

3200 & 4800 Series Printhead Repairs

Repairs of Marsh 3200 or 4800 series printheads are charged at a flat labor rate of \$250.00 plus parts.

We provide repair services for the following Marsh circuit boards:

LCP1000/LCP1

CPU & Interface Boards; CPU 2+ Boards; 700 Series Driver Boards; 1600 Series Driver Boards; Power Supply; Controller Backplane (& alignment); CPU 2+ Controller Upgrade; 48K Ram Upgrade

ML8

CPU 2+ Board; CPU 2+ Daughter Board; Driver/Mother Board; 48K Ram Upgrade; Power Supply Board

ML4

CPU 2+ Board; CPU 2+ Daughter Board; 48K Ram Upgrade; Power Sopyy Board

DL/DLi

CPU Board

WARRANTY

All labor on equipment repairs and replacement of defective or failed components used during the course of repair are warranted for a period of 90 days from the date of shipment of the repaired equipment back to the distributor or customer. Exchange and/or rebuilt equipment also carry a 90-day warranty and will be repaired or replaced at no charge to the distributor or customer in the event of a failure. Regular UPS or Parcel Post shipping charges are not charged for warranty repairs. Any other shipping method will be billed at cost.

SHIPPING

Equipment sent in for repair may be shipped to the following address. It is recommended that shipments of equipment for repair be insured for their replacement values, and are accompanied by a description of the problem, a PO number, contact name and phone number.

Applied Technologies Group
301 North High Street
Belleville, IL 62220-1212

Repaired equipment will be insured at sender request replacement cost and returned via UPS Ground Service or U.S. Postal Service Priority Mail unless other shipping methods are requested.

SERVICE REPORTS & ESTIMATES

You will receive an estimate of the repair charges before the repairs have been completed. Further work will not be done until approval for the repair and a PO number have been issued. All repaired equipment will be accompanied by a detailed service report explaining the problems found, possible/probable causes and a listing of the components replaced.

TERMS

Net 30, FOB Belleville, IL. Turn-around times on repairs may vary, but generally 10-14 working days from receipt of the equipment can be expected.

Applied Technologies Group
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