

ENGINEERING FIELD NOTICE

DATE: 06-27-94

NOTICE NO. 142

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ITEM: 1710 - 10 WATT PAGING AMPLIFIER

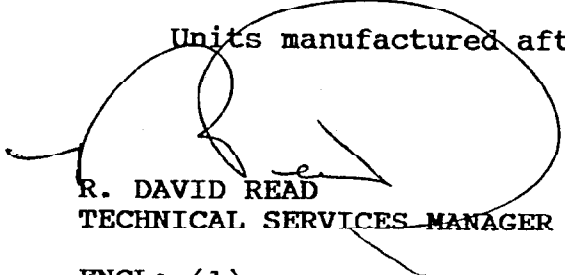
SUBJECT: MODIFICATION TO PREVENT THERMAL CIRCUIT BREAKER TRIP

Under certain circumstances the subject amplifier has a tendency to go into thermal run-away which results in the power transformer thermal circuit breaker tripping open.

In the event you experience this problem, the following modification will correct the problem:

1. Locate diodes D3, D5, D6, D8 and resistor R17. Refer to attached PCB layout drawing.
2. Remove diodes from PCB and thermally glue the diodes to the heat sink. Use thermal glue/activator (P/N 16-02-125190 and 16-02-125191). If the leads of the diodes cannot be extended, replace the diodes with following units:
D3 & D8 - 1N4148, D5 & D6 - 1N5393.
3. Dress the leads of D8 with sleeving.
4. Replace R17 (P/N 47-01-102131, 150 ohm) with a 174 ohm, 1%, 1/4 watt (P/N 47-03-123029).

Units manufactured after 06-01-94 have this modification.


R. DAVID READ
TECHNICAL SERVICES MANAGER

ENCL: (1)