

1990-10-18

ENGINEERING CHANGE REQUEST ECO # 8798 B  
TITLE T100S BIG FIX

PART OR ASSY 680078 Rev B PRODUCT T100S TUBE BOARD  
DESCRIBE PROBLEM (ATTACH ADDITIONAL DOCUMENTATION IF NECESSARY)

Power supply unprotected from fly back effect  
of output xfmr. Amplifier has excessive  
high frequency response.

NAME OF REQUESTOR M.D. DATE 12/10/90  
APPROVED ☒ DENIED ☐ BY DJT DATE 12/17/90

ENGINEERING CHANGE ORDER

ECO# 8798 B TITLE T100S BIG FIX

PART OR ASSY AFFECTED 680078 Rev B

CH GE(S): 1) INSTALL EK 500 DIODES, OR EQUIVALENT, FROM PLATES OF OUTPUT TUBES  
TO GROUND. CATHODE TO PLATE, PIN 3, ANODE TO GROUND, PIN 8. 4 PER BOARD  
V<sub>1</sub>, V<sub>3</sub>, V<sub>4</sub>, V<sub>6</sub>.  
2) CHANGE VALUE OF OUTPUT TUBE INPUT GRID RESISTORS TO 10K 5L.  
4, (FOUR), PER BOARD. R<sub>5</sub>, R<sub>6</sub>, R<sub>20</sub>, R<sub>22</sub>.  
3) ADD 560 P4 CAP'S. BETWEEN GRIDS OF TWO OUTPUT TUBES. CAP.  
CONNECTS TO RESISTORS GOING TO GRIDS. V<sub>1</sub> PIN 5 AND V<sub>3</sub> PIN 5, V<sub>4</sub> PIN 5 AND V<sub>6</sub> PIN 5.  
TWO PER BOARD.

REWORK: (ATTACH A SEPERATE SHEET IF NESSASARY)

\* SEE ATTACHED SHEET FOR JUMPERED OUT PUT JACKS.

EFFECTIVITY: NEW PRODUCTION ☒ WORK IN PROGRESS ☒  
FINISHED GOODS ☐ FIELD RETURNS ☐  
DOCUMENTATION CHANGE ONLY ☐  
BEGINNING SERIAL NUMBER T 10001



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