

# TMC SPECIFICATION

NO. S 1151

REV: **A**

COMPILED: R.R.H.

CHECKED:

APPD: *[Signature]*

SHEET 1 OF 3

TITLE:

typed by vita

11/8/66

KIT-261

# TMC SPECIFICATION

NO. S 1151

REV: A

COMPILED: R.R.H.

CHECKED:

APPD:

SHEET 2 OF 3

TITLE: **KIT-261**

**retyped by ginny 12/17/68**

I. Purpose of this modification kit is to provide solid-state rectifiers for the medium and high voltage power supplies of Linear Amplifier PAL-1K.

II. Materials and Supplies:

<u>ITEM NO.</u>	<u>QTY</u>	<u>TMC PART NO.</u>	<u>DESCRIPTION</u>
1	1	1N1239	Full Wave Rectifier
2	2	DD134-1	Half Wave Rectifier
3	2	NP362-46	Modification Nameplate
4	1	DD135	Full Wave Rectifier
5	1	CK1222	Schematic Diagram PS-5 Modification
6	1	CK1224	Schematic Diagram PS-4A Modification
7	1	TP131 Stamp Kit	Consisting of: 1@ TP131-CR703/1N1239 1@ TP131-CR702/DD135 1@ TP131-CR401/DD134-1 1@ TP131-CR402/DD134-1 1@ Stamp Pad, Black

III. Procedure:

1. Remove power from PS-4A and PS-5.
2. Remove the two 872A rectifier tubes from PS-5. Remove connections from terminals 5 and 7 of T402 (Filament Transformer) to filament terminals of XV401 and XV402 (872A sockets).
3. Change connection of choke, L401, from terminal 6 of T402 to terminals 2 of XV401 and XV402.
4. Insert DD134-1's, Item 2, in sockets formerly occupied by the 872A tubes, and put the plate caps on. Mask out V401 and restamp CR401/DD134-1. Mask out V402 and restamp CR402/DD134-1. Use Item 7.
5. Affix one modification nameplate, NP362-46, Item 3, to front panel of PS-5.

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6. Remove the 5R4GY and 6X4 tubes from the PS-4A unit.
7. Remove filament supply connections from terminals 8 and 10 of T703 to terminals 3 and 4 of XV701 (6X4 socket).
8. Remove filament supply connections between terminals 7 and 14 of T703 and terminals 2 and 8 of XV702.
9. Insert DD135, Item 4, in socket XV701 and 1N1239 in socket XV702. Mask out V701-6X4 and restamp CR702/DD135. Mask out V702-5R4 and restamp CR703/1N1239. Use Item 7.
10. Affix the remaining modification nameplate, NP362-46, Item 3, to front panel of PS-4A.

