

**NOTES:**

- ALL CAPACITORS ARE RATED IN MFD AND AT 100V UNLESS NOTED.
- ALL RESISTORS 1/2 WATT 5% UNLESS NOTED.
- ⊖ INDICATES SCREW DRIVER ADJUST.
- Q6, Q7 ARE MOUNTED ON HEAT SINK.
- DI, D2 ARE THERMALLY COUPLED TO Q6, Q7.
- J1-J4 ARE MOUNTED ON PANEL AND CONNECTED TO BOARD VIA LEAD OUT WIRES.

**21-29 CIRCUIT BOARD**

- ⚠ USED ON IMPERIAL, ARTIST & PB MODELS.
- ⚠ USED ONLY ON P.A. 6.
- ⚠ USED ONLY ON IMPERIAL, SUPER ARTIST, CUSTOM, MC2GP, MC2BP, P125, P250 & PB 200 MODELS.
- ⚠ USED ONLY ON PB 100, ARTIST, P.A. 6 & STUDIO MODELS.
- ⚠ ADJ. BIAS POT AT 120 V LINE, 4 OHM LOAD, 5 MV ACROSS R13 & R14.
- ⚠ SHORT CIRCUIT PROTECT, USED ON P.A. 6, MC2GP, MC2BP, P125 & P250.

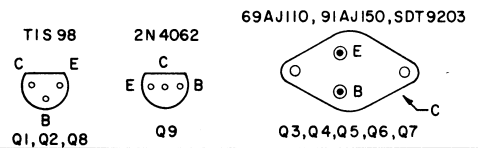
**\* 21-29C CIRCUIT BOARD CHANGES**

- OMIT C10, R17, R18.
- CHANGE VALUE OF FOLLOWING:
  - R1- FACTORY SELECTED (47K - 220K)
  - R3- 15K
  - R4- 2.2K
  - R5- 47K
  - R6- 680
- ADD FOLLOWING COMPONENTS:
  - C17
  - R26

**\* 21-29D CIRCUIT BOARD CHANGES**

- R1- 47K
- ADD FOLLOWING COMPONENTS
  - R24
  - R25

**BOTTOM VIEWS**



*Standel*

SCHEMATIC DIAGRAM  
1970

POWER SECTION  
ALL CUSTOM, STUDIO, IMPERIAL, ARTIST, P125, P250,  
MC2GP, MC2BP, P.A. 6, PB 100 & PB 200 MODELS.

|                     |                   |               |                 |       |
|---------------------|-------------------|---------------|-----------------|-------|
| DRAFTSMAN<br>H.M.M. | CHECKED<br>M.D.B. | APP<br>R.G.H. | DATE<br>3-12-70 | IC005 |
|---------------------|-------------------|---------------|-----------------|-------|