

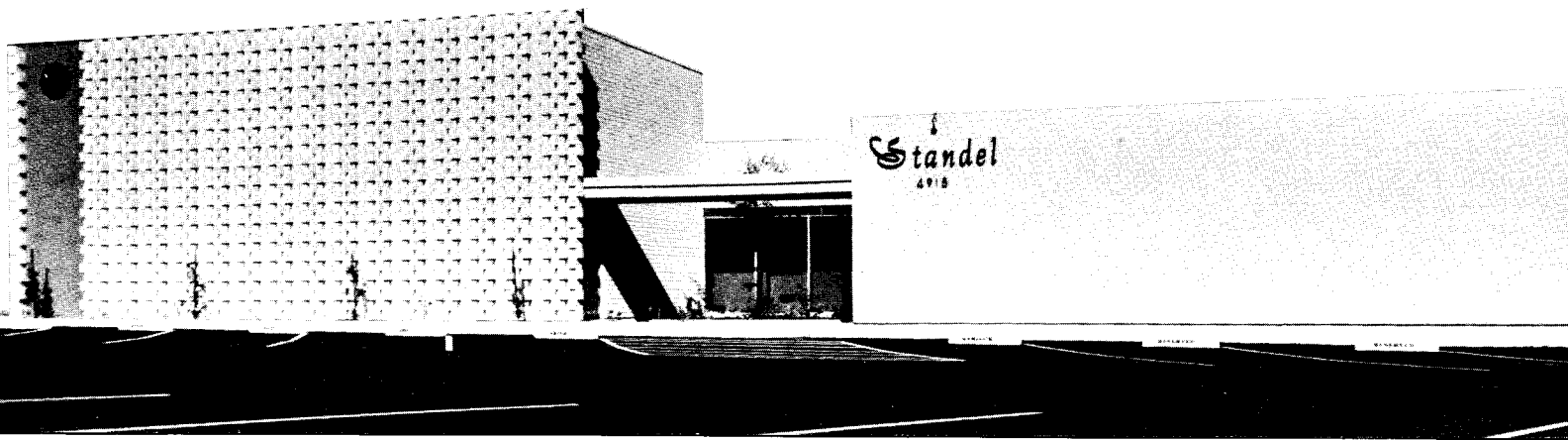
# PA-6 and PR-4

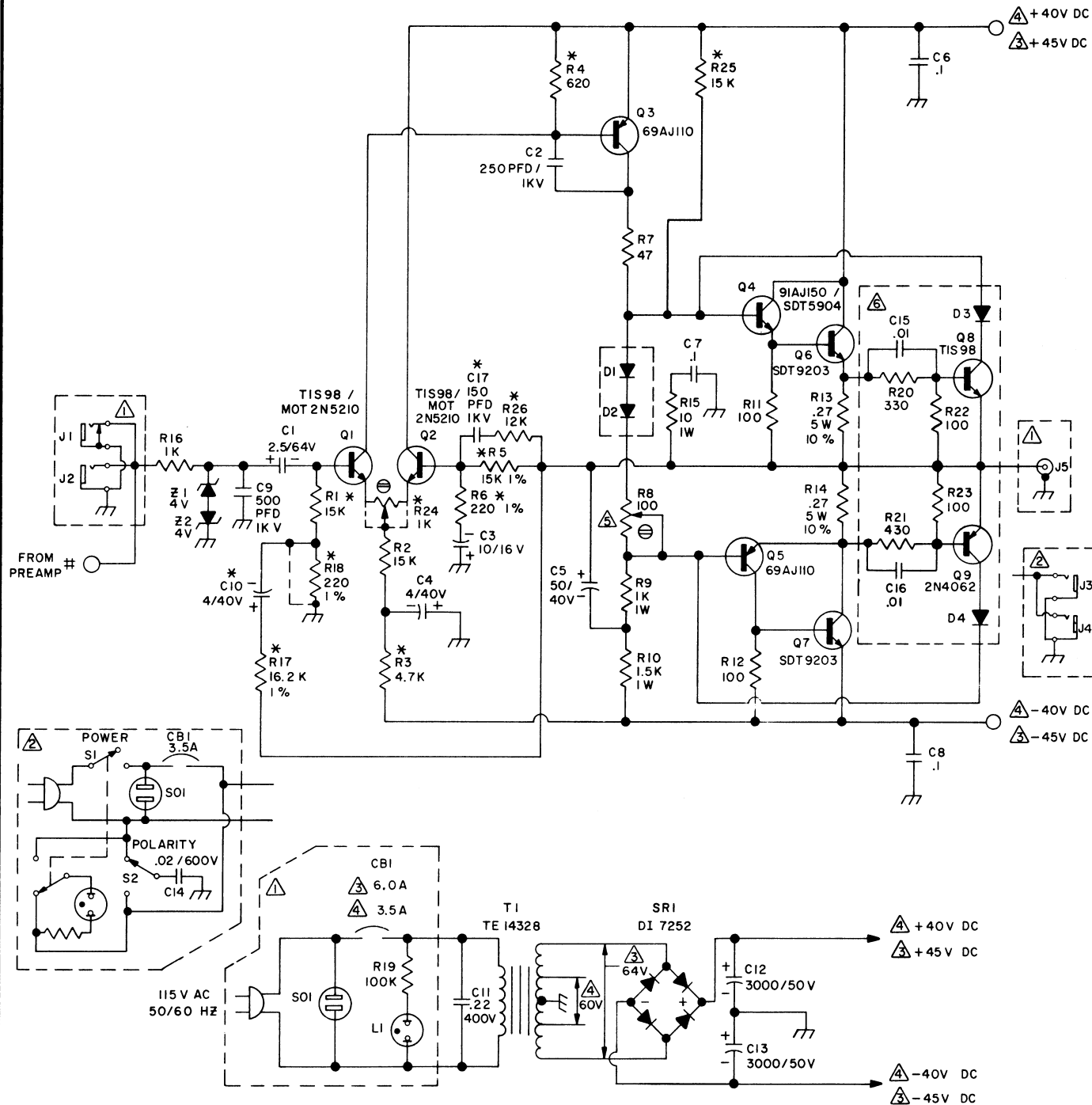
## SERVICE INFORMATION

*"Quality Speaks for Itself"*



EL MONTE • CALIFORNIA • 91731





**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, PI25, 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, PI25 & P250.

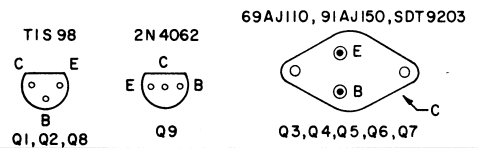
**\* 21-29C CIRCUIT BOARD CHANGES**

- 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**

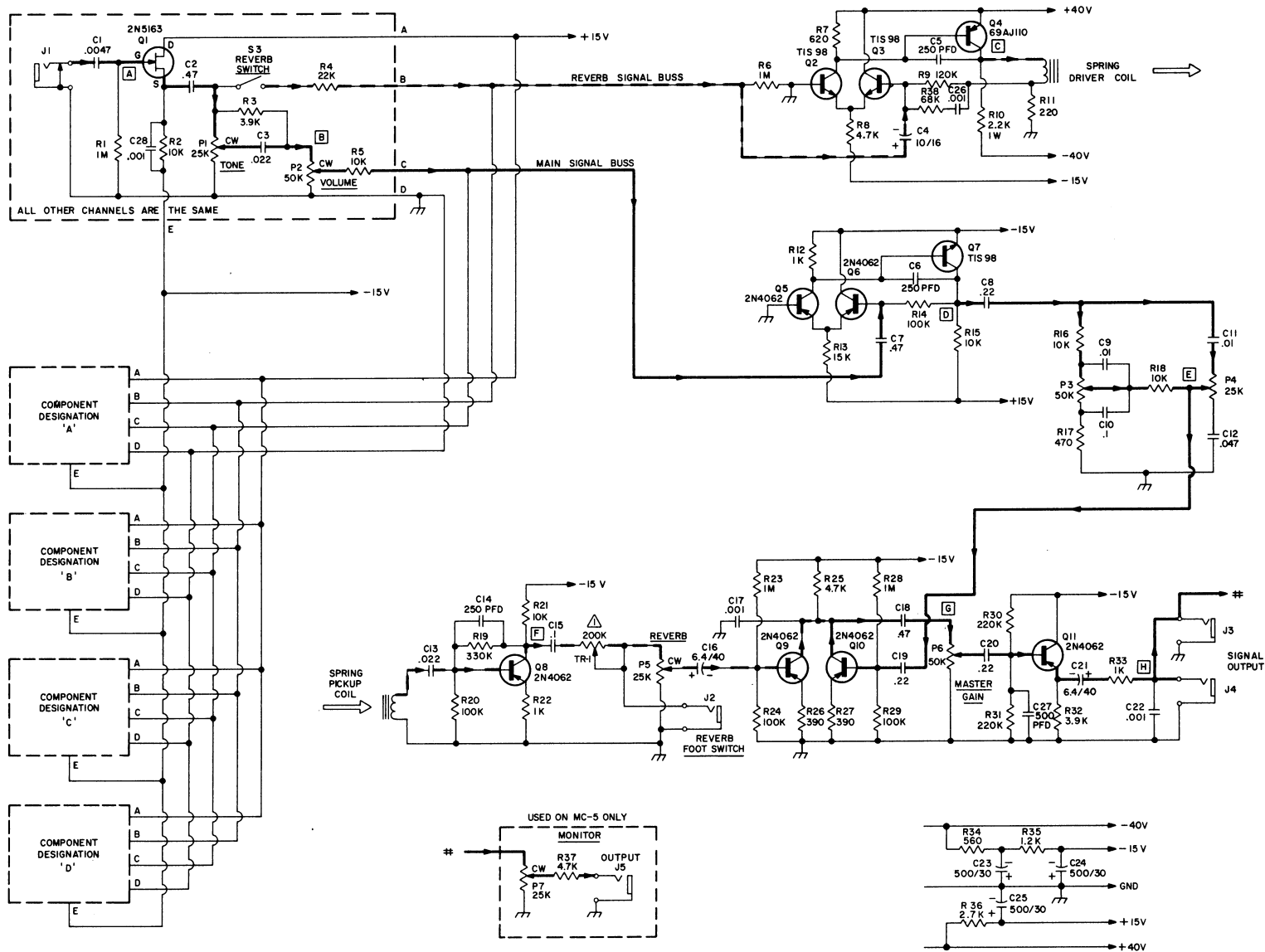


*Standel*

SCHEMATIC DIAGRAM  
1970

POWER SECTION  
ALL CUSTOM, STUDIO, IMPERIAL, ARTIST, PI25, P250,  
MC2GP, MC2BP, P.A. 6, PB 100 & PB 200 MODELS.

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



- NOTES:
- INDICATES KEY SIGNAL TRACING TEST POINTS.
  - INDICATES MAIN SIGNAL PATHS.
  - ⇄ INDICATES REVERB SIGNAL PATHS.
1. P1-P7, S3, S3A, S3B, S3C, S3D, J1-J5 ARE LOCATED ON FRONT OR REAR PANELS.
  2. ALL CAPACITORS ARE RATED IN MFD AND AT 100V UNLESS NOTED OTHERWISE.
  3. RESISTANCE VALUES IN OHMS AND 1/2 WATT UNLESS NOTED OTHERWISE.
  4. MODEL PR4 HAS FOUR CHANNELS.
  5. MODEL PA6 HAS FOUR CHANNELS.
  6. MODEL MC-5 HAS FIVE CHANNELS.
  7. ALL COMPONENT DESIGNATION NUMBERS FOR OTHER CHANNELS WILL BE FOLLOWED BY LETTERS. E.G. - R1A, R2A, C1A, ETC. CH. 2

⚠ WITH REVERB CONTROL FULL ON, ADJ. TR-1 FOR DESIRED MAXIMUM REVERB.

BOTTOM VIEWS

