

Avanti SP21

EF86

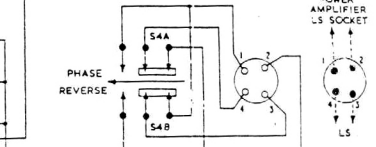
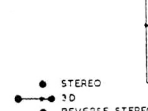
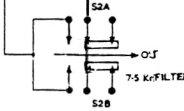
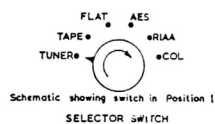
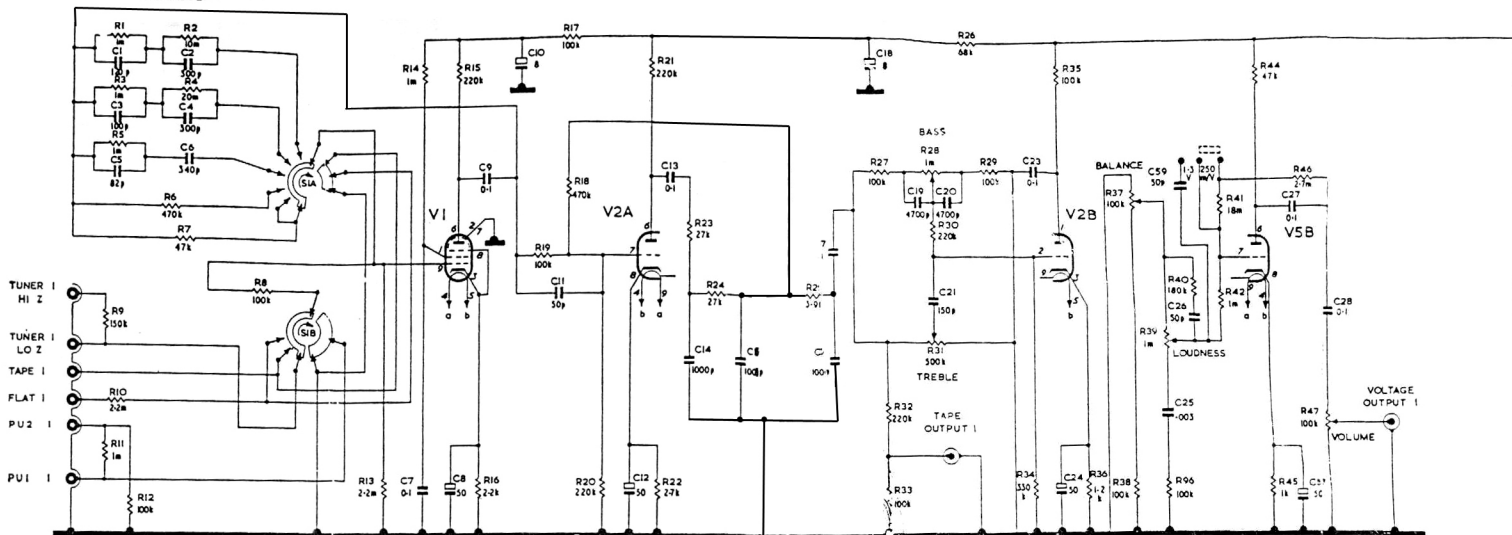
1/2 ECC83

1/2 ECC83

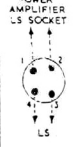
1/2 ECC83

73B

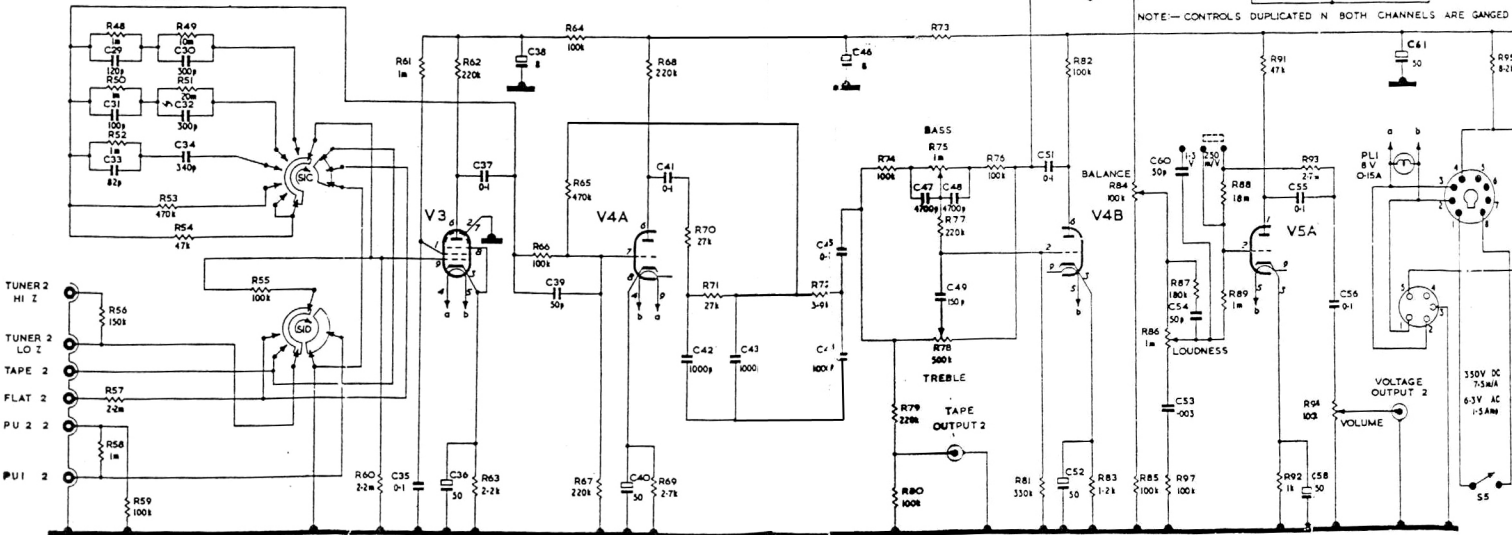
CHANNEL I



NOTE— CONTROLS DUPLICATED IN BOTH CHANNELS ARE GANGED



CHANNEL II



EF86

1/2 ECC83

1/2 ECC83

1/2 ECC83



COMPONENTS LIST

The manufacturers reserve the right to vary specifications or use alternative materials as may be deemed necessary or desirable at any time.

RESISTORS

R1	1M Ω , High Stability, $\frac{1}{2}$ W., 5%
R2	10M Ω , High Stability, $\frac{1}{2}$ W., 5%
R3	1M Ω , High Stability, $\frac{1}{2}$ W., 5%
R4	20M Ω , High Stability, $\frac{1}{2}$ W., 5%
R5	1M Ω , High Stability, $\frac{1}{2}$ W., 5%
R6	470K Ω , High Stability, $\frac{1}{2}$ W., 5%
R7	47K Ω , High Stability, $\frac{1}{2}$ W., 5%
R8	100K Ω , High Stability, $\frac{1}{2}$ W., 5%
R9	150K Ω , $\frac{1}{2}$ W., 10%
R10	2.2M Ω , $\frac{1}{2}$ W., 10%
R11	1M Ω , $\frac{1}{2}$ W., 10%
R12	100K Ω , $\frac{1}{2}$ W., 10%
R13	2.2M Ω , $\frac{1}{2}$ W., 10%
R14	1M Ω , High Stability, $\frac{1}{2}$ W., 10%
R15	220K Ω , High Stability, $\frac{1}{2}$ W., 10%
R16	2.2K Ω , High Stability, $\frac{1}{2}$ W., 10%
R17	100K Ω , $\frac{1}{2}$ W., 10%
R18	470K Ω , $\frac{1}{2}$ W., 5%
R19	100K Ω , $\frac{1}{2}$ W., 5%
R20	220K Ω , $\frac{1}{2}$ W., 5%
R21	220K Ω , $\frac{1}{2}$ W., 10%
R22	2.7K Ω , $\frac{1}{2}$ W., 10%
R23	27K Ω , $\frac{1}{2}$ W., 10%
R24	27K Ω , $\frac{1}{2}$ W., 10%
R25	3.9K Ω , $\frac{1}{2}$ W., 10%
R26	68K Ω , $\frac{1}{2}$ W., 10%
R27	100K Ω , $\frac{1}{2}$ W., 10%
R28	1M Ω , Lin. Pot. Matched, 10%
R29	100K Ω , $\frac{1}{2}$ W., 10%
R30	220K Ω , $\frac{1}{2}$ W., 10%
R31	500K Ω , Lin. Pot. Matched, 10%
R32	220K Ω , $\frac{1}{2}$ W., 10%
R33	100K Ω , $\frac{1}{2}$ W., 10%
R34	330K Ω , $\frac{1}{2}$ W., 10%
R35	100K Ω , $\frac{1}{2}$ W., 10%
R36	1.2K Ω , $\frac{1}{2}$ W., 10%
R37	100K Ω , Lin. Pot. Matched, 10%
R38	100K Ω , $\frac{1}{2}$ W., 10%
R39	1M Ω , Log. Pot. Matched, 10%
R40	180K Ω , $\frac{1}{2}$ W., 10%
R41	20M Ω , $\frac{1}{2}$ W., 10%
R42	1M Ω , $\frac{1}{2}$ W., 10%
R43	No component
R44	47K Ω , $\frac{1}{2}$ W., 10%
R45	1K Ω , $\frac{1}{2}$ W., 10%
R46	2.7M Ω , $\frac{1}{2}$ W., 10%
R47	100K Ω , Log. Pot. Matched, 10%
R48	1M Ω , $\frac{1}{2}$ W., High Stability, 5%
R49	10M Ω , $\frac{1}{2}$ W., High Stability, 5%
R50	1M Ω , $\frac{1}{2}$ W., High Stability, 5%
R51	20M Ω , $\frac{1}{2}$ W., High Stability, 5%
R52	1M Ω , $\frac{1}{2}$ W., High Stability, 5%
R53	470K Ω , $\frac{1}{2}$ W., High Stability, 5%
R54	47K Ω , $\frac{1}{2}$ W., High Stability, 5%

R55	100K Ω , $\frac{1}{2}$ W., High Stability, 5%
R56	150K Ω , $\frac{1}{2}$ W., 10%
R57	2.2M Ω , $\frac{1}{2}$ W., 10%
R58	1M Ω , $\frac{1}{2}$ W., 10%
R59	100K Ω , $\frac{1}{2}$ W., 10%
R60	2.2M Ω , $\frac{1}{2}$ W., 10%
R61	1M Ω , $\frac{1}{2}$ W., High Stability, 10%
R62	220K Ω , $\frac{1}{2}$ W., High Stability, 10%
R63	2.2K Ω , $\frac{1}{2}$ W., High Stability, 10%
R64	100K Ω , $\frac{1}{2}$ W., 10%
R65	470K Ω , $\frac{1}{2}$ W., 5%
R66	100K Ω , $\frac{1}{2}$ W., 5%
R67	220K Ω , $\frac{1}{2}$ W., 5%
R68	220K Ω , $\frac{1}{2}$ W., 10%
R69	2.7K Ω , $\frac{1}{2}$ W., 10%
R70	27K Ω , $\frac{1}{2}$ W., 10%
R71	27K Ω , $\frac{1}{2}$ W., 10%
R72	3.9K Ω , $\frac{1}{2}$ W., 10%
R73	68K Ω , $\frac{1}{2}$ W., 10%
R74	100K Ω , $\frac{1}{2}$ W., 10%
R75	1M Ω , Lin. Pot. Matched, 10%
R76	100K Ω , $\frac{1}{2}$ W., 10%
R77	220K Ω , $\frac{1}{2}$ W., 10%
R78	500K Ω , Lin. Pot. Matched, 10%
R79	220K Ω , $\frac{1}{2}$ W., 10%
R80	100K Ω , $\frac{1}{2}$ W., 10%
R81	330K Ω , $\frac{1}{2}$ W., 10%
R82	100K Ω , $\frac{1}{2}$ W., 10%
R83	1.2K Ω , $\frac{1}{2}$ W., 10%
R84	100K Ω , Lin. Pot. Matched, 10%
R85	100K Ω , $\frac{1}{2}$ W., 10%
R86	1M Ω , Log. Pot. Matched, 10%
R87	180K Ω , $\frac{1}{2}$ W., 10%
R88	20M Ω , $\frac{1}{2}$ W., 10%
R89	1M Ω , $\frac{1}{2}$ W., 10%
R90	No component
R91	47K Ω , $\frac{1}{2}$ W., 10%
R92	1K Ω , $\frac{1}{2}$ W., 10%
R93	2.7M Ω , $\frac{1}{2}$ W., 10%
R94	100K Ω , Log. Pot. Matched, 10%
R95	8.2K Ω , $\frac{1}{2}$ W., 10%
R96	100K Ω , $\frac{1}{2}$ W., 10%
R97	100K Ω , $\frac{1}{2}$ W., 10%

SWITCHES

S1 ABCD	4-bank, 6-position, Rotary
S2 AB	2-pole, change-over, Slide
S3 ABC	3-pole, 3-way, Rotary
S4 AB	2-pole, change-over, Slide
S5	On-off (combined with Loudness Control)

CAPACITORS

C1	120pF, $\pm 5\%$, Polystyrene
C2	300pF, $\pm 5\%$, Polystyrene
C3	100pF, $\pm 5\%$, Polystyrene
C4	300pF, $\pm 5\%$, Polystyrene
C5	82pF, $\pm 5\%$, Polystyrene
C6	340pF, $\pm 5\%$, Polystyrene
C7	0.1 μ F, 500 V., Paper
C8	50 μ F, 12 V., Electrolytic
C9	0.1 μ F, 500 V., Paper
C10	8 μ F, 250 V., Electrolytic
C11	50pF, $\pm 10\%$, Polystyrene
C12	50 μ F, 12 V., Electrolytic
C13	0.1 μ F, 500 V., Paper
C14	1,000pF, $\pm 10\%$, Polystyrene
C15	1,000pF, $\pm 10\%$, Polystyrene
C16	1,000pF, $\pm 10\%$, Polystyrene
C17	0.1 μ F, 500 V., Paper
C18	8 μ F, 250 V., Electrolytic
C19	4,700pF, 5%, Polystyrene
C20	4,700pF, 5%, Polystyrene
C21	150pF, 5%, Polystyrene
C22	No component
C23	0.1 μ F, 500 V., Paper
C24	50 μ F, 12 V., Electrolytic
C25	0.003 μ F, $\pm 10\%$, 500 V., Paper
C26	50pF, $\pm 10\%$, Polystyrene
C27	0.1 μ F, $\pm 10\%$, 500 V., Paper
C28	0.1 μ F, $\pm 10\%$, 500 V., Paper
C29	120pF, $\pm 5\%$, Polystyrene

C30	300pF, $\pm 5\%$, Polystyrene
C31	100pF, $\pm 5\%$, Polystyrene
C32	300pF, $\pm 5\%$, Polystyrene
C33	82pF, $\pm 5\%$, Polystyrene
C34	340pF, $\pm 5\%$, Polystyrene
C35	0.1 μ F, 500 V., Paper
C36	50 μ F, 12 V., Electrolytic
C37	0.1 μ F, 500 V., Paper
C38	8 μ F, 250 V., Electrolytic
C39	50pF, $\pm 10\%$, Polystyrene
C40	50 μ F, 12 V., Electrolytic
C41	0.1 μ F, 500 V., Paper
C42	1,000pF, $\pm 10\%$, Polystyrene
C43	1,000pF, $\pm 10\%$, Polystyrene
C44	1,000pF, $\pm 10\%$, Polystyrene
C45	0.1 μ F, 500 V., Paper
C46	8 μ F, 250 V., Electrolytic
C47	4,700pF, $\pm 5\%$, Polystyrene
C48	4,700pF, $\pm 5\%$, Polystyrene
C49	150pF, $\pm 5\%$, Polystyrene
C50	No component
C51	0.1 μ F, 500 V., Paper
C52	50 μ F, 12 V., Electrolytic
C53	0.003 μ F, 500 V., Paper
C54	50pF, $\pm 10\%$, Polystyrene
C55	0.1 μ F, $\pm 10\%$, 500 V., Paper
C56	0.1 μ F, $\pm 10\%$, 500 V., Paper
C57	50 μ F, 12 V., Electrolytic
C58	50 μ F, 12 V., Electrolytic
C59	50pF, $\pm 10\%$, Polystyrene
C60	50pF, $\pm 10\%$, Polystyrene
C61	50 μ F, 450 V., Electrolytic