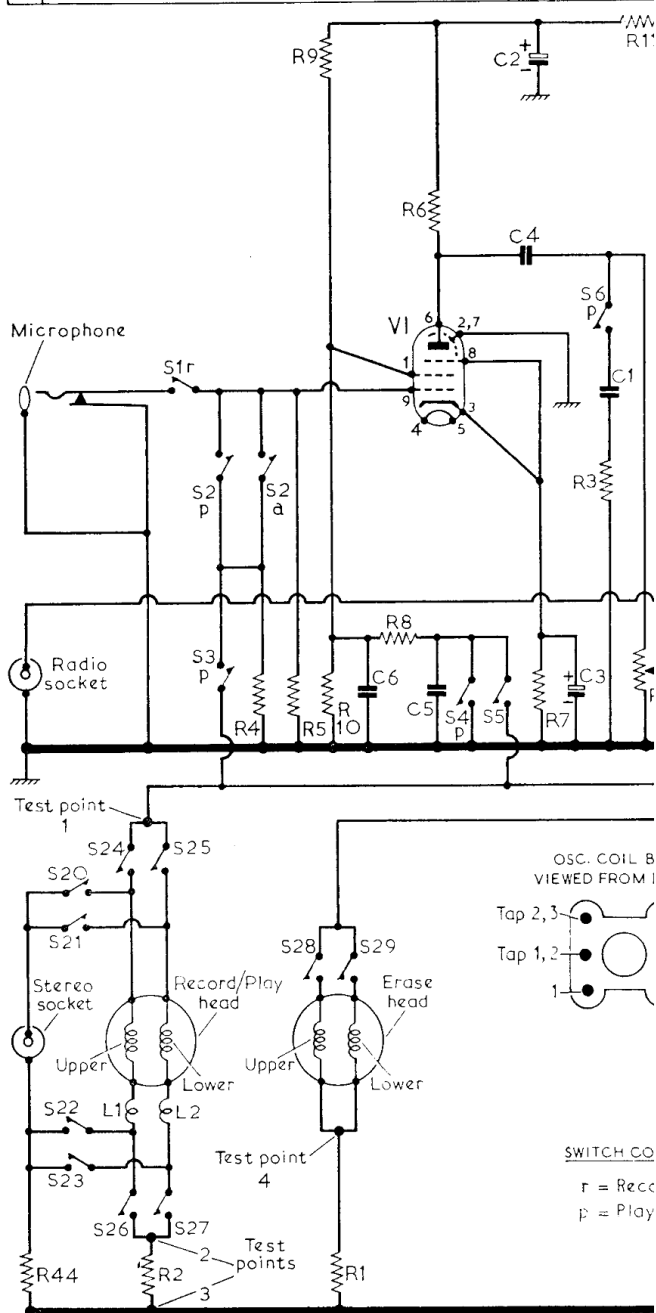


C											
	6					5	4,2			3	1
R	44	2	4	5	9,10,1	8	6	7	3	11,1	



Valve Table

Valve	Anode (V)	Screen (V)	Cathode (V)
V1 EF86	109	26	0.74
V2 EF86	104	27	0.76
V3a ECL86	87	88	1.74
V3b ECL86	85	87	1.67
V4 EM84	121	—	1.30
	123	—	1.20
	232	226	6.00
	239	223	6.16
	57	—	—
	51	—	—

\*Recorder switched to play.  
†Recorder switched to record.

## BUSH - TP50

### Resistors

R1	10Ω	B1
R2	100Ω	G7
R3	39kΩ	G7
R4	220kΩ	A1
R5	1MΩ	A1
R6	220kΩ	F5
R7	2.2kΩ	A1
R8	2.2MΩ	E5
R9	1MΩ	A1
R10	330kΩ	A1
R11	22kΩ	F5
R12	330kΩ	A1
R13	2.2MΩ	F6
R14	330kΩ	A1
R15	330kΩ	A1
R16	2.2MΩ	B1
R17	470kΩ	A1
R18	470Ω	D6
R19	82kΩ	A1
R20	1.2kΩ	A1
R21	390kΩ	A1
R22	82kΩ	D5
R23	22kΩ	D5

R24	470kΩ	D5
R25	220Ω	D5
R26	2.7kΩ	D5
R27	180kΩ	E5
R28	47kΩ	E5
R29	220kΩ	E5
R30	220kΩ	E5
R31	820kΩ	E5
R32	150kΩ	E5
R33	330kΩ	D5
R34	1MΩ	G7
R35	2.2kΩ	D5
R36	10kΩ	E5
R37	180Ω	E5
R38	4.7MΩ	G7
R39	1.8kΩ	D6
R40	680kΩ	B2
R41	18kΩ	C2
R42	10Ω	D6
R43	820Ω	D5
R44	10Ω	E5
RV1	250kΩ	F6
RV2	250kΩ	D6
RV3	100kΩ	D6

RV4	10kΩ	F6
RV5	100kΩ	B2
RV6	100Ω	C2

### Capacitors

C1	0.005μF	G7
C2	8μF	A1
C3	25μF	A1
C4	0.02μF	A1
C5	0.05μF	G7
C6	0.1μF	F5
C7	10pF	F6
C8	40μF	D5
C9	10pF	F6
C10	30pF	G7
C11	25μF	A1
C12	0.05μF	F5
C13	0.01μF	A1
C14	3,300pF	E5
C15	0.05μF	E5
C16	0.02μF	E5
C17	50μF	D5

C18	40μF	D5
C19	0.02μF	G7
C20	150pF	G7
C21	100pF	D5
C22	250pF	D5
C23	0.002μF	D5
C24	0.05μF	G7
C25	0.1μF	D6
C26	47pF	D5
C27	75pF	D5
C28	0.01μF	D5
C29	470pF	D6
C30	0.1μF	D5
C31	4,700pF	C2
C32	40μF	D5
C33	40μF	D6

### Coils

L1	—	H8
L2	—	H8
L3	25.0	D5
L4	3.0	—

### Transformers

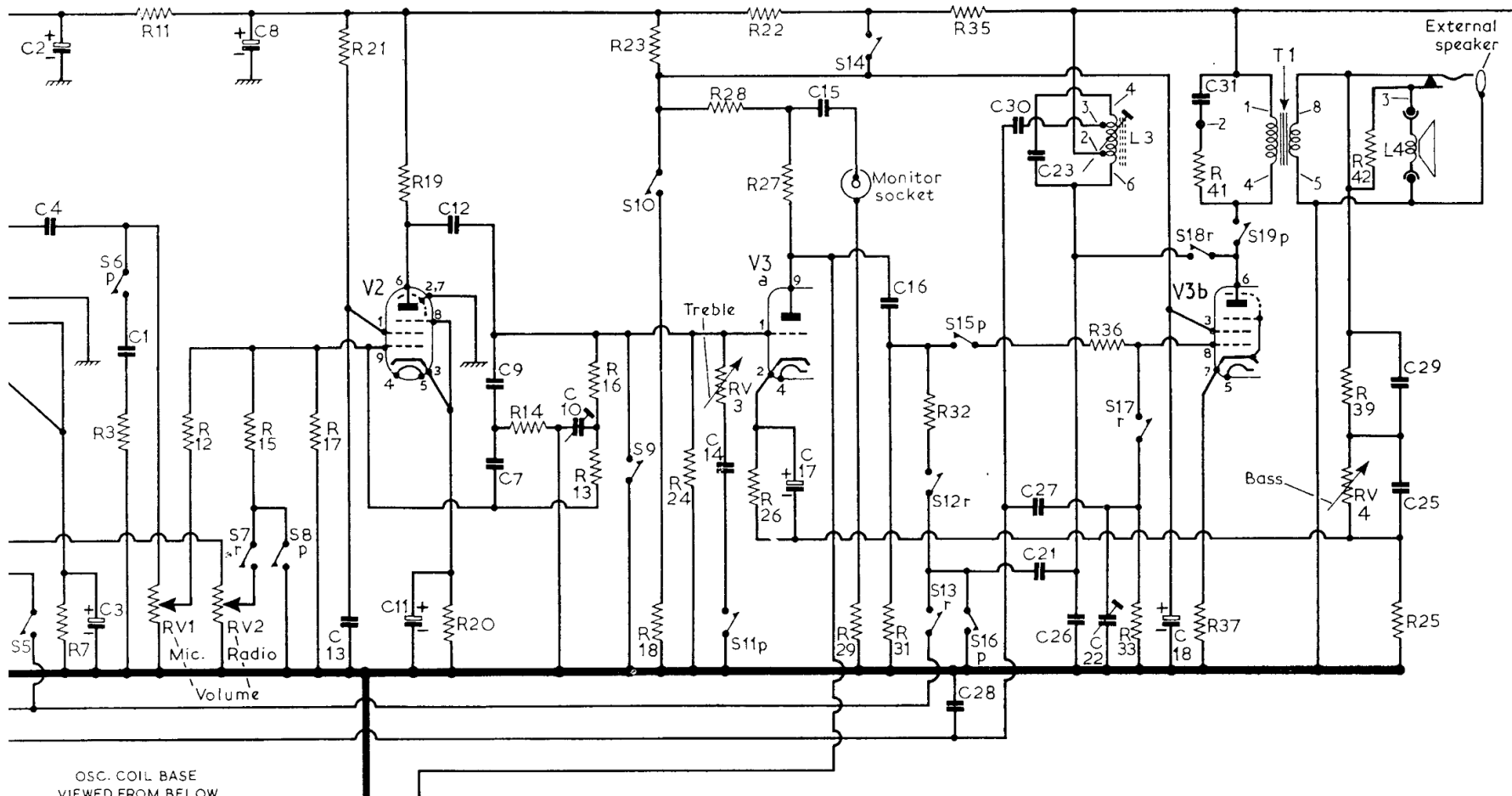
T1	{ pri 375.0 } C2
	{ sec 0.5 }
T2	{ pri 70.0 } B3
	{ h.t. 118.0 }
	{ l.t. — }

### Miscellaneous

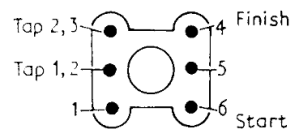
MR1	—	G7
MR2	C2D(2)	—
S1-S9	—	A1
S11-S13	—	A1
S15-S19	—	A1
S10, S14	—	H8
S20-S29	—	E6
S30, S31	—	F6
FS1	350mA	G7

\*Approximate d.c. resistance in ohms.

4,2	3	1	8	13	11,19,20,12	9,7,24	10	14	17,32,15	16,33	28	30,23,27,21,26,22	18	31	29,25	C
7	3	11,RV1,12,RV2,15	17	21	19,30,20,34	14	38	16,13,40,23,18,24,28,RV3,RV5,22,26,27,29,43,31,32	35	36, RV6,33	41,37	39, RV4,42,25				R



OSC. COIL BASE  
VIEWED FROM BELOW



SWITCH CODING

r = Record  
p = Play

**BUSH - TP50**

