

Resistors

R1	1M Ω	G3
R2	3.3k Ω	G3
R3	100k Ω	G3
R4	100k Ω	G3
R5	47k Ω	F4
R6	180k Ω	F3
R7	1.5k Ω	G4
R8	1.2k Ω	G3
R9	220k Ω	F3
R10	100k Ω	G4
R11	100k Ω	F3
R12	2.2k Ω	F3
R13	47k Ω	F3
R14	100k Ω	F4
R15	47k Ω	F3
R16	47k Ω	E4

R17	100k Ω	F4
R18	470k Ω	E4
R19	330k Ω	F4
R20	10M Ω	E4
R21	470 Ω	B2
R22	470k Ω	F4
R23	470 Ω	F3
R24	150 Ω	F3
R25	6.8k Ω	F3
R26	820 Ω	E3
VR1	500k Ω	F4
VR2	47k Ω	D4
VR3	100 Ω	D3

Capacitors

C1	0.01 μ F	G3
C2	0.01 μ F	G3
C3	0.02 μ F	F3

C4	0.02 μ F	C2
C5	8 μ F	E3
C6	1,000pF	G3
C7	50 μ F	F3
C8	0.02 μ F	F3
C9	32 μ F	B1
C10	1,000pF	C2
C11	0.04 μ F	E4
C12	30pF	B2
C13	82pF	B1
C14	2,200pF	B1
C15	0.02 μ F	D3
C16	2,000pF	D3
C17	50 μ F	F3
C18	1 μ F	F3
C19	32 μ F	B1
C20	32 μ F	B1

DEFIANT - T12 T12R, T14

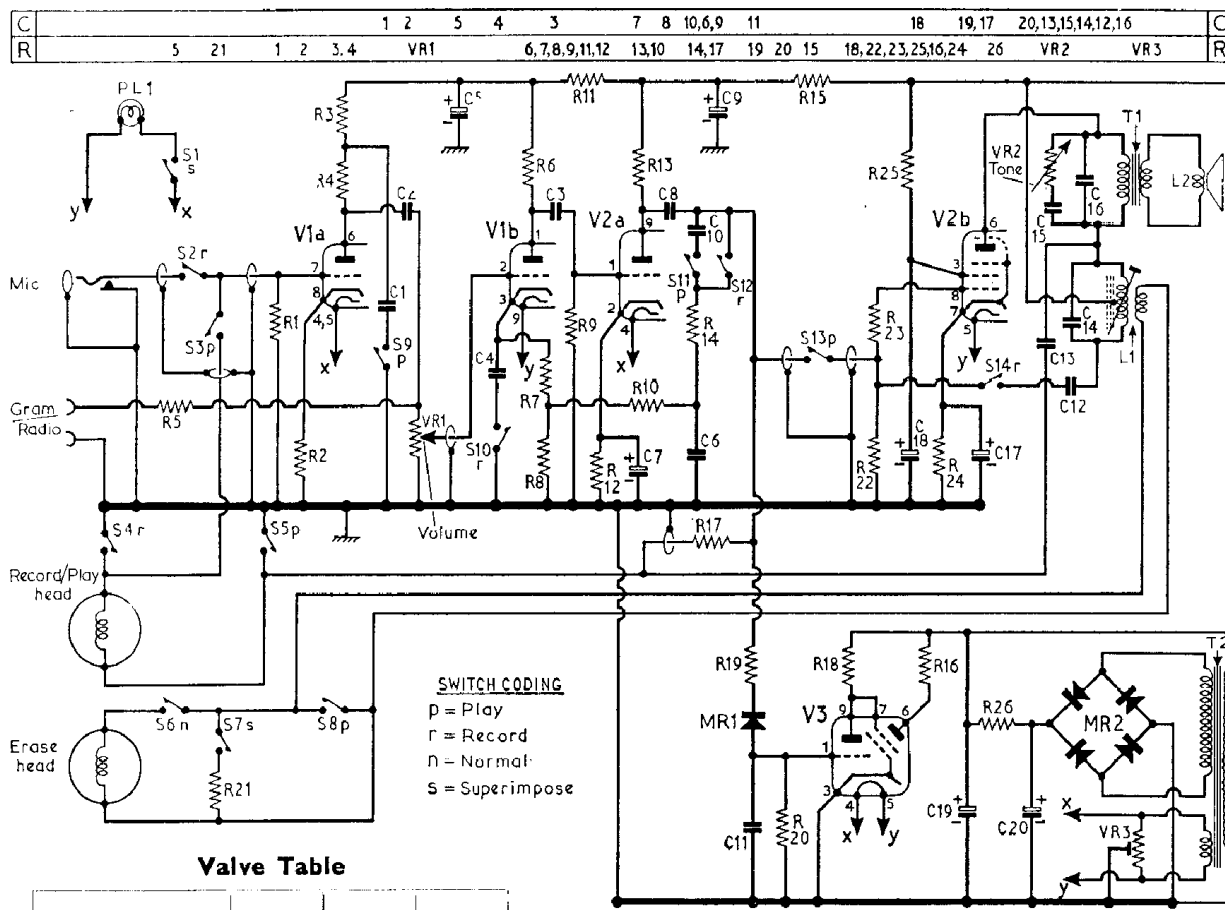
Coils and Transformers

L1	—	B2
L2	—	—
T1	—	D3
T2	—	A2

Miscellaneous

MR1	M3	F4
MR2	13250*	E3
PL1	6.3V 0.115A	G4
M.E.S.		
S1-S14	—	—
S15, S16	—	D4

*Siemens.



Circuit diagram of the TR12. V1a and b and V2a form a cascade-connected voltage amplifier which is common to record and play operations. V2b operates as audio output stage on play, and bias oscillator on record

*Measured at the junction R7, R8.

Smoothed h.t. voltage measured across C19—245V