

101Z
101AZ
101BZ
101CZ

SERVICE DATA
MODIFICATION SHEET

PHILIPS RADIOPLAYER

MODELS 101Z, 101AZ, 101BZ, 101CZ

NOTE: The suffix letter Z, in all cases, refers to the use of the cabinet, which has a cloth covered baffle, as distinct from the original cabinet fitted with the bakelite louvred baffle.

MODEL 101Z

For details other than those quoted below, refer to the original Model 101 Service Data Sheet.

PARTS NOT SHOWN ON CIRCUIT DIAGRAM

(Z Versions Only)

Assembly, baffle	CR 005 213
Assembly, dial back plate (black)	CR 280 203
Bracket, speaker clamping	CR 272 000
Cabinet, walnut	CS 460 462
Cloth, speaker baffle	CE 082 00
Knob (gold lined)	CR 523 641
Liner, black paper for dial back plate	CS 430 825

MODELS 101AZ, 101BZ, 101CZ

PARTS NOT SHOWN ON CIRCUIT DIAGRAM

Refer to the original Model 101 sheet and list published above for Model 101Z, except—

Glass, dial, printed (101AZ, 101CZ) CS 412 215

Glass, dial, printed (101BZ) CS 412 208

VALVE EQUIPMENT AND VOLTAGE ANALYSIS

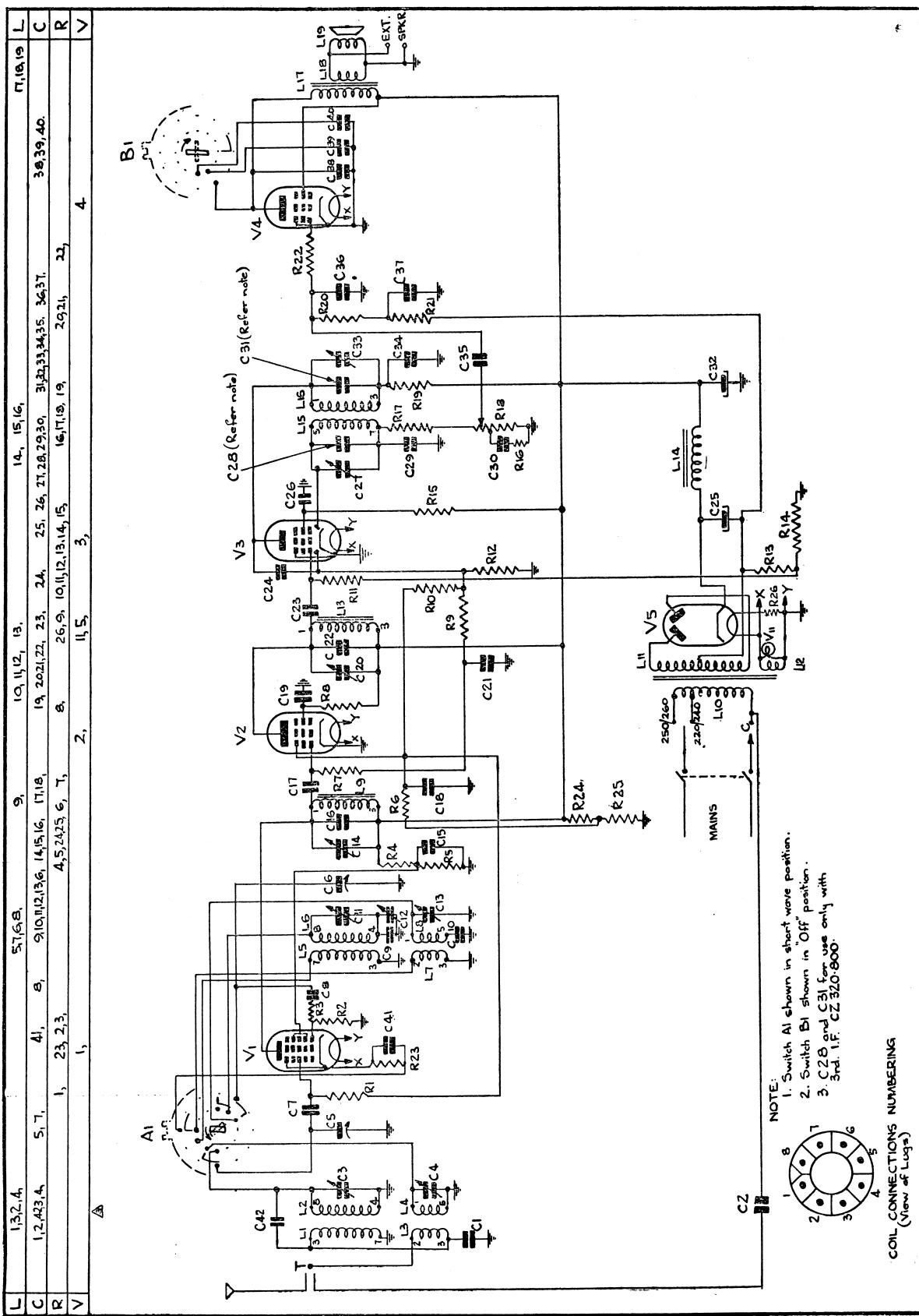
Valve Function	Valve No.	Valve Type	Plate Volts	Screen Volts	Bias Volts	Bias Resistor
Frequency Converter	V1	6SA7GT	220	65	1.5	R23
1st I.F. Amplifier	V2	6SK7GT	220	60	0	—
{ 2nd I.F. Amplifier, Demodulator and A.V.C.	V3	{ 101AZ, 101BZ { EBF35	195	71	-1.2	R14
		{ 101CZ { 6B8G	193	72	-1.25	R14
Power Amplifier	V4	EL3NG or EL33A	208	220	-5.7	R13 & R14
Rectifier	V5	6X5GT	220 A.C.		Unfiltered H.T. 236V	
Dial Lamp	V11	6.3v 0.64A Globular Screw				

NOTE: All voltages are measured with an "1,000 ohms per Volt" meter, and may vary \pm 10% from the quoted figures.

Measurements are made from the appropriate socket points, or from the resistors stated, to chassis. The 250V scale should be used for all readings other than bias, which are read on the 10V scale. The receiver should be in a "no signal" condition.

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