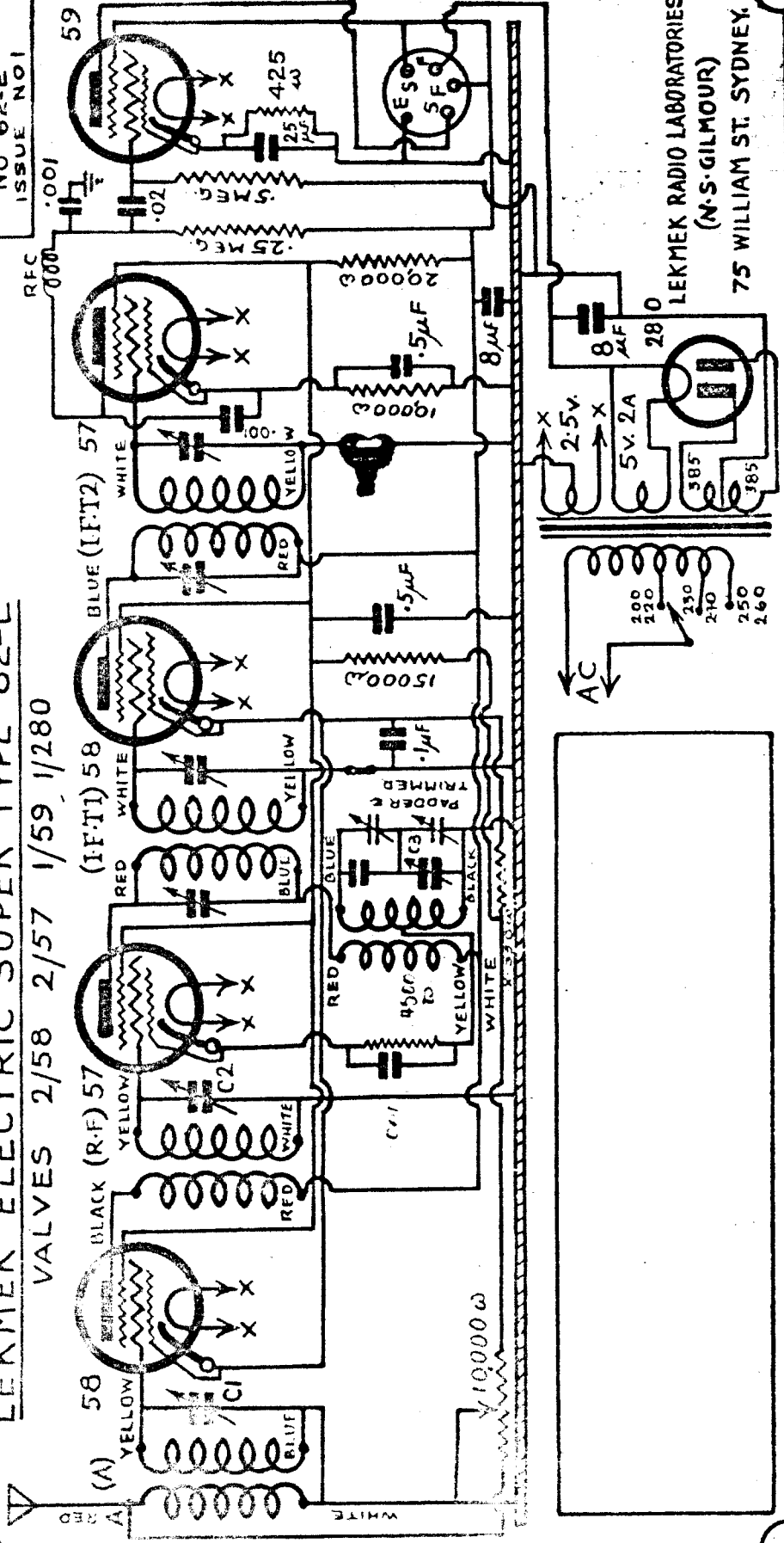


LEKMEK ELECTRIC SUPER TYPE 62-E

VALVES 2/58 2/57 1/59 1/280

LEKMEK
NO 62-E
ISSUE NO 1



LEKMEK RADIO LABORATORIES
(N.S. GILMOUR)
75 WILLIAM ST. SYDNEY.

LEKMEK RADIO LABORATORIES

TECHNICAL DATA

Model No. 62EC

(3 Sheets)

Sheet No. 1

SERVICE NOTES

MODEL 62EC ELECTRIC.

The model 62EC is a 6-valve Superheterodyne receiver operated from an A.C. Supply of 240 volts. The receiver is fitted with a Station Selector, Volume Control and Tone Control. The sensitivity of this receiver is particularly high and therefore daylight reception in country areas may be guaranteed.

CIRCUIT. The circuit arrangement of the model 62EC is as follows:

A tuned radio frequency stage using a 58 type valve is followed by the 1st detector and autodyne oscillator 57 type valve. The output of the 1st detector stage is fed through one stage of intermediate frequency amplification at 186kc, a 58 type valve being used in this stage. The second detector, a type 57 valve, is resistance coupled to a 2A5 penthode output valve. A 2250 ohm field coil is used in an 8" Amplion Dynamic Speaker.

VOLTAGE CHART. On next page is a chart in which plate, screen, bias and filament voltages are tabulated. These measurements were made with a 1000 ohm per volt meter, the speaker and valves being in their respective sockets.

LEKMEK RADIO LABORATORIES

TECHNICAL DATA

Model No. 62EC

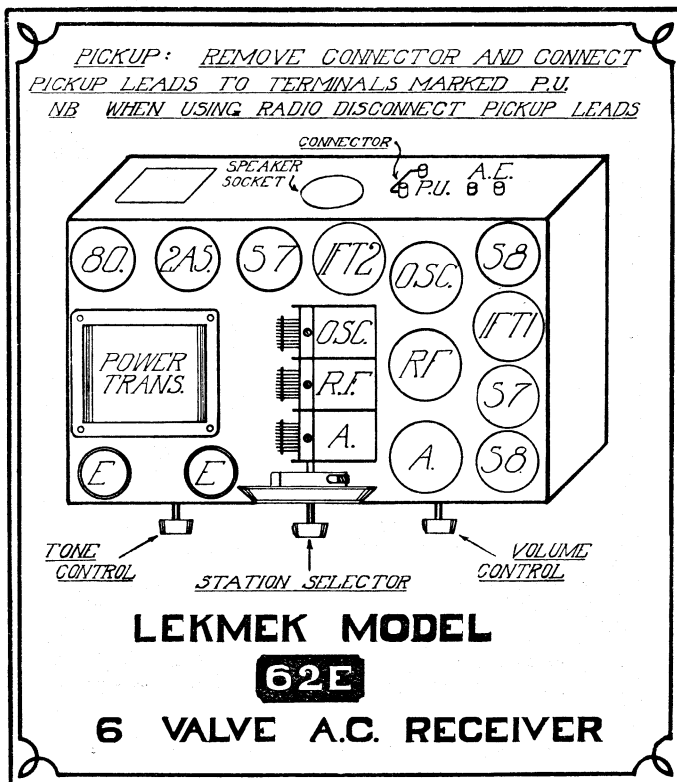
(3 Sheets)

Sheet No. 2

VOLTAGE CHART.

MODEL 62EC.

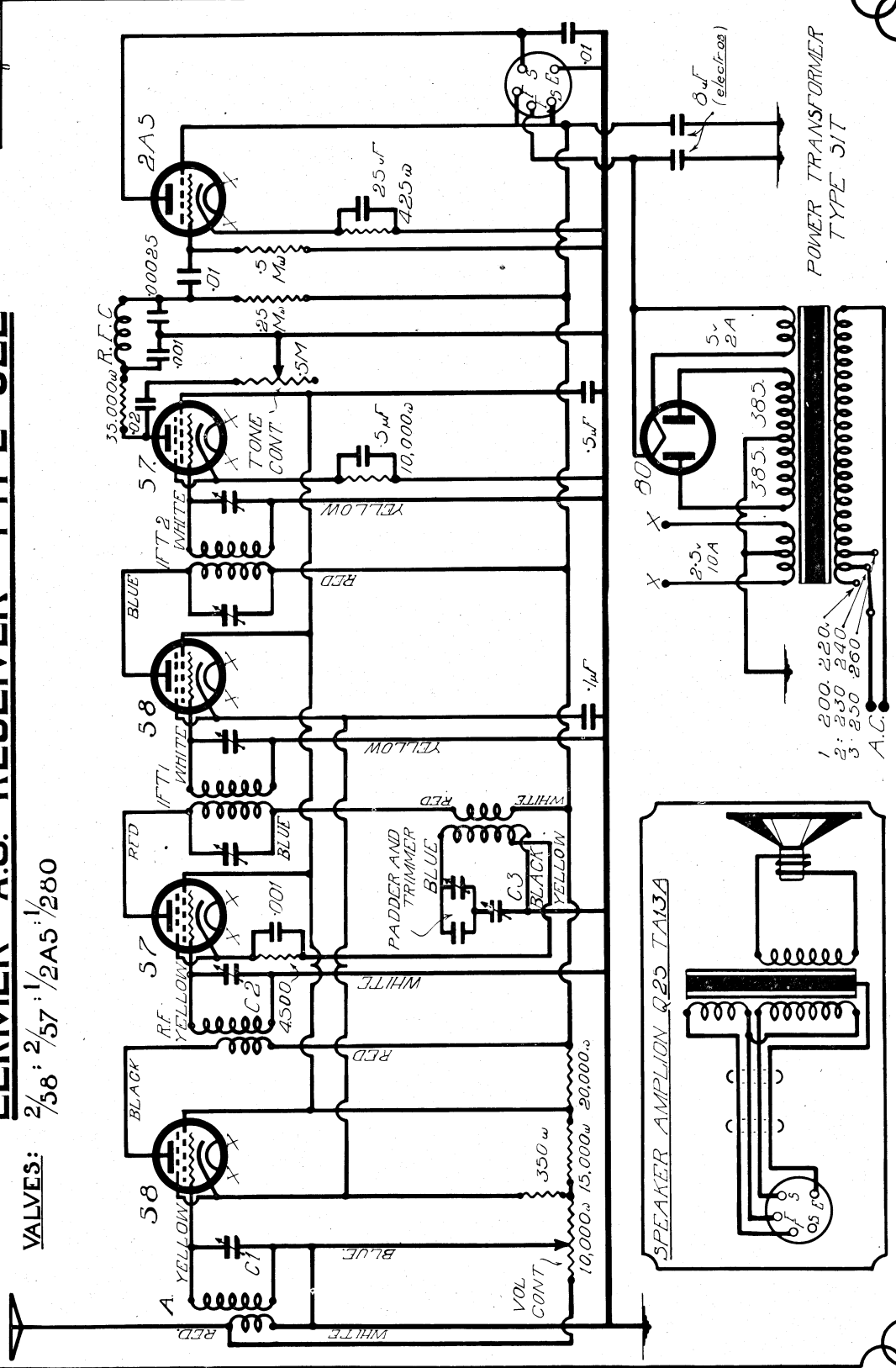
VALVE FUNCTION	VALVE TYPE.	PLATE VOLTS	SCREEN VOLTS.	BIAS VOLTS	FIL. VOLTS
R.F. AMP.	58	250	100	3-45	2.5
DET. OSC.	57	250	100	6	2.5
I.F. AMP.	58	250	100	3-45	2.5
2ND DET.	57	110	100	6	2.5
POWER OUTPUT	2A5	250	250	16.5	2.5
RECTIFIER	80	385 ea. plate	-	-	5



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LEKMEK A.C. RECEIVER TYPE 62E

VALVES: 2/58 : 2/57 : 1/2A5 : 1/280



POWER TRANSFORMER
TYPE 51T

