

TECHNICAL INFORMATION

BULLETIN No. 127.

(TYPE)

TECHNICAL DESCRIPTION OF

MODEL 5-LS. A.C. RECEIVER, SERIES 1939.

Nov 1939

RECEIVER

COLLIER & BEALE LTD.

WELLINGTON

CONDENSER DETAILS.

RESISTOR DETAILS.

C-1 25-mfd. Audio Bias Filter

2 8-mfd. Power Supply Filter

3 8 " " " "

4 .25-mfd. Cathode By-pass

5 .1 " High-tension By-pass

6 .1 " Detector Screen By-pass

7 .1 " 1st Audio Plate circuit Decoupling

8 .1 " Output Amplifier Grid-circuit Decoupling

9 .1 " Audio Screen By-pass

10 .05 " A.V.C. Filter

11 .01 " Audio Coupling

12 .01 " Audio Coupling

13 .004 " Fixed Padding, S.W. range

14 .001 " Speaker Filter

15 .00025-mfd. Tone Control

16 .0001 " Diode Load By-pass

17 .0001 " Audio Plate Filter

18 .0001 " Oscillator Grid

19 .002 " Adjustable S.W. range Padding Condenser

20 .00055 " Adjustable Padding Condenser, broadcast range.

R-1 1-megohm A.V.C. Filter

2 1 " Audio Screen Dropping

3 .5 " Audio Grid Filter

4 .5 " Bias Potentiometer

5 .5 " Audio Grid Filter

6 .5 " Diode Load

7 .5 " Volume Control

8 .5 " Tone Control

9 .25 " 1st Audio Plate Load

10 .1 " 1st Audio Plate Filter

11 65,000-ohm. Bias Potentiometer

12 50,000 " Oscillator Grid Leak

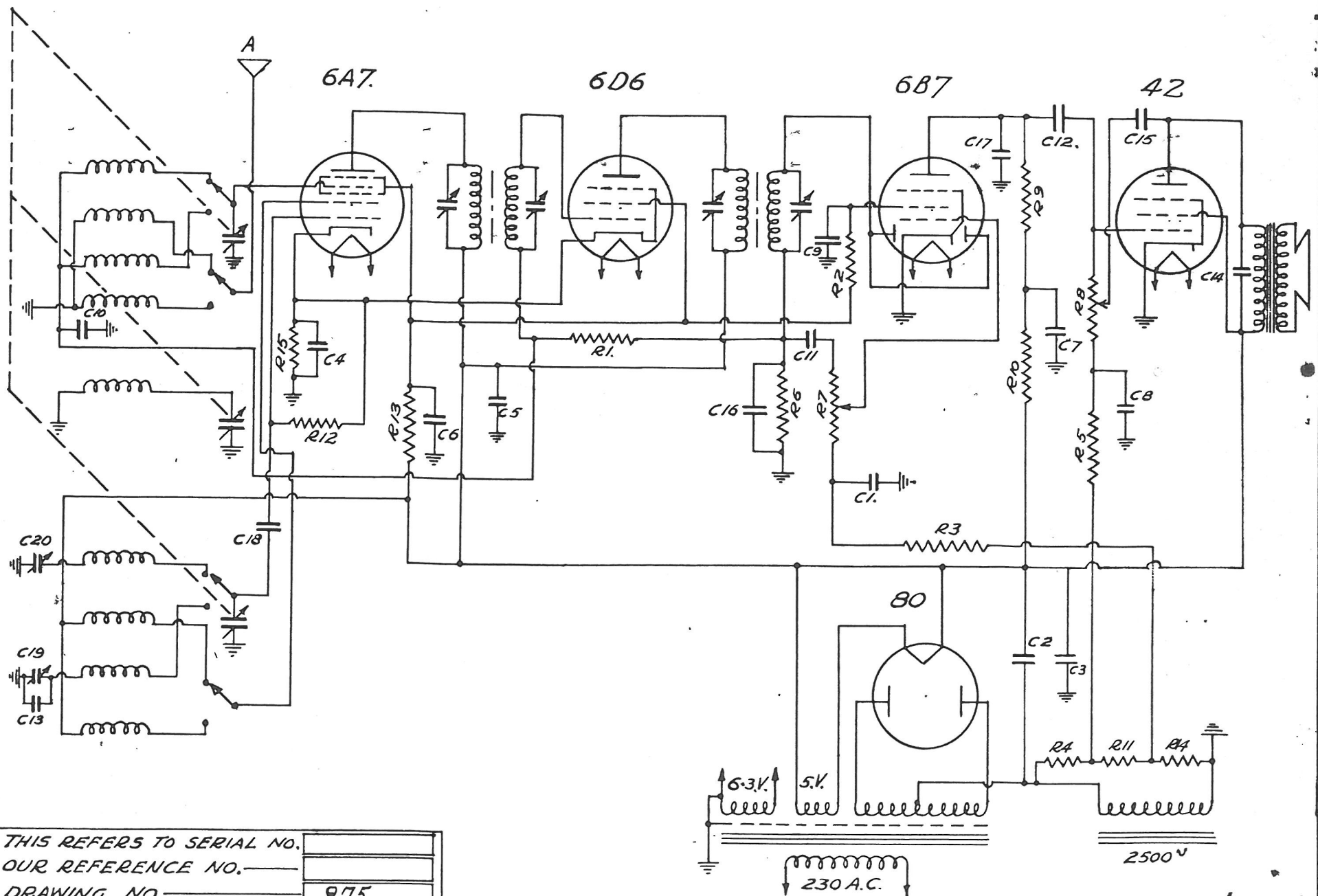
13 25,000 " Screen Dropping

14 10,000 " Bias Potentiometer

15 300-ohm. Cathode Bias

COLLIER & BEALE LIMITED,
66 GHUZNEE STREET,
WELLINGTON, C.2.
8th March, 1939.

SCHEMATIC DIAGRAM TYPE 5 L.S. A.C. RECEIVER



THIS REFERS TO SERIAL NO.

OUR REFERENCE NO.-

DRAWING NO.-

COLLIER AND BEALE LTD.

WELLINGTON

DATE:-