

CROSSOR

SERVICE HINTS

and INSTRUCTIONS for

MODEL 362

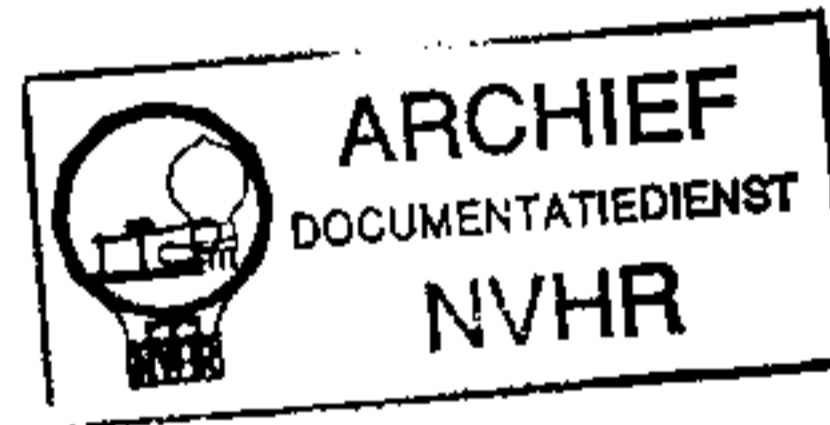
BATTERY KIT RECEIVER

SPECIFICATION

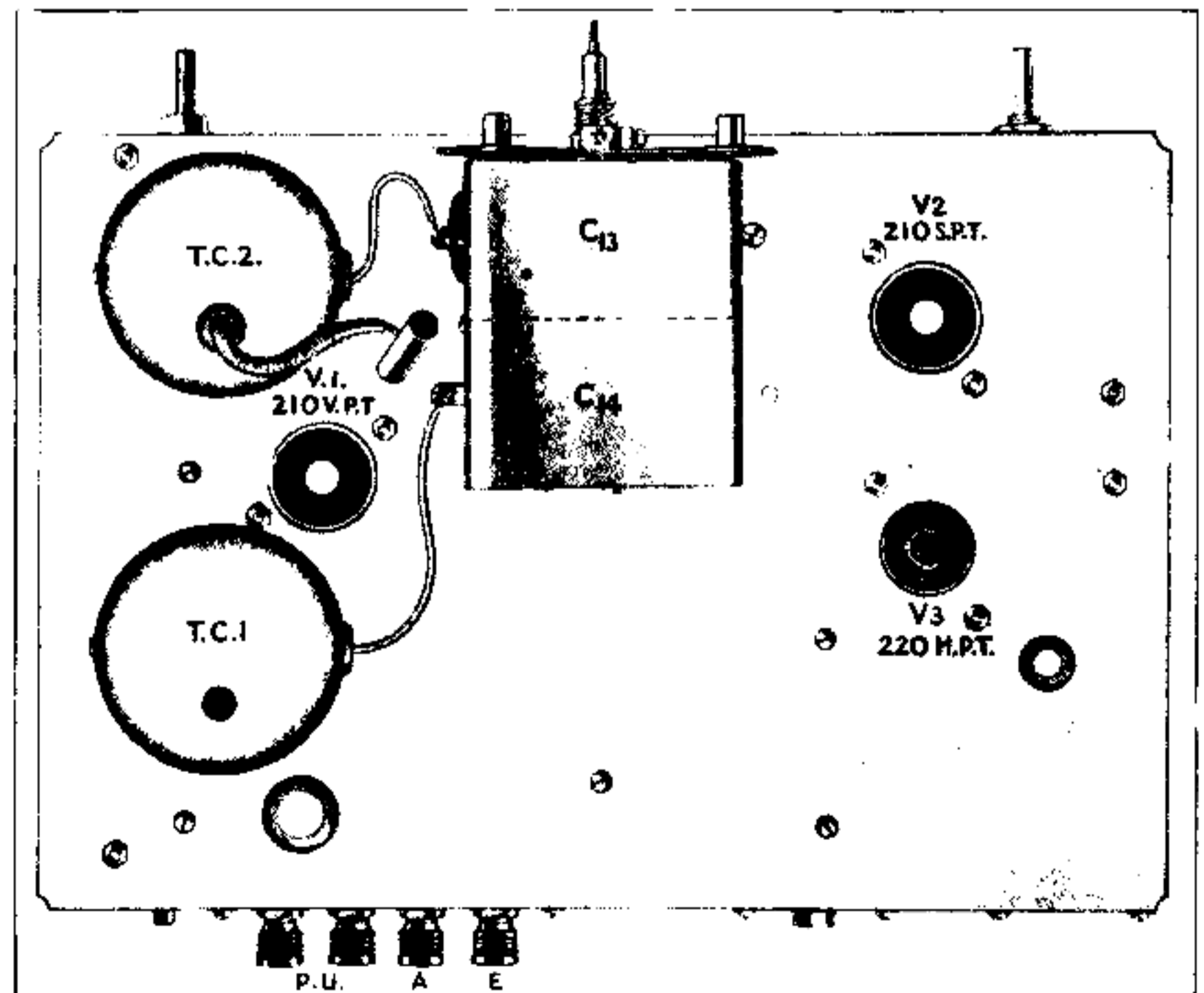
Cossor Kit Model 362 is for battery operation and employs iron cored coils and the following three valves: Variable-mu Screened H.F. Pentode, H.F. Pentode Detector and Pentode Output. The controls consist of the main tuner and trimmer; combined on-off, wave-change and "gram"; selectivity; and volume. An 8" permanent magnet moving coil loudspeaker is supplied with walnut-finish cabinet measuring 17½ ins. high, 14½ ins. wide and 9½ ins. deep, providing ample battery accommodation.

NOTE.—This receiver is only supplied in Kit form, and must be assembled exactly in accordance with details given on Constructional Chart C21A.

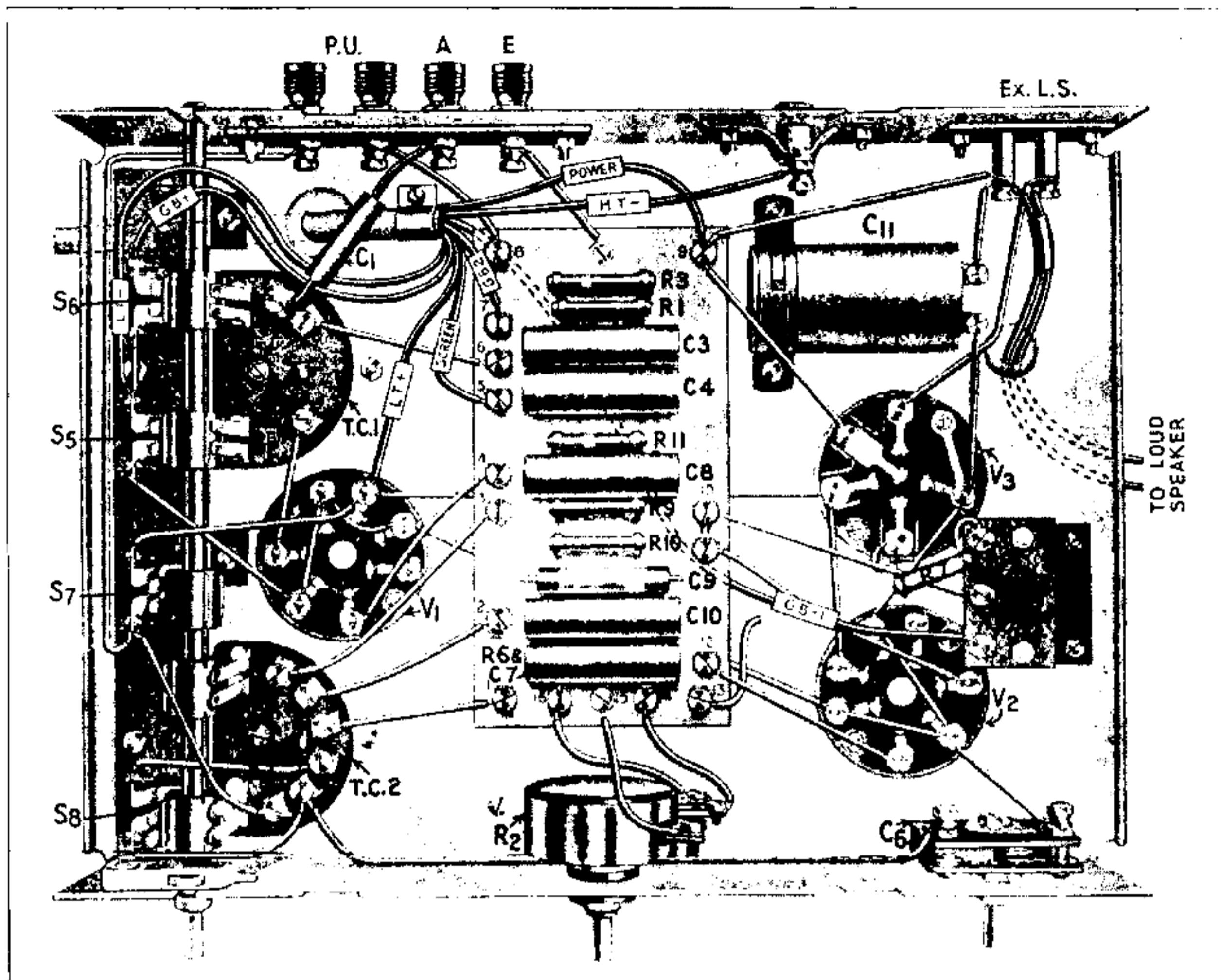
Ned. Ver. v. Historie v/d Radio



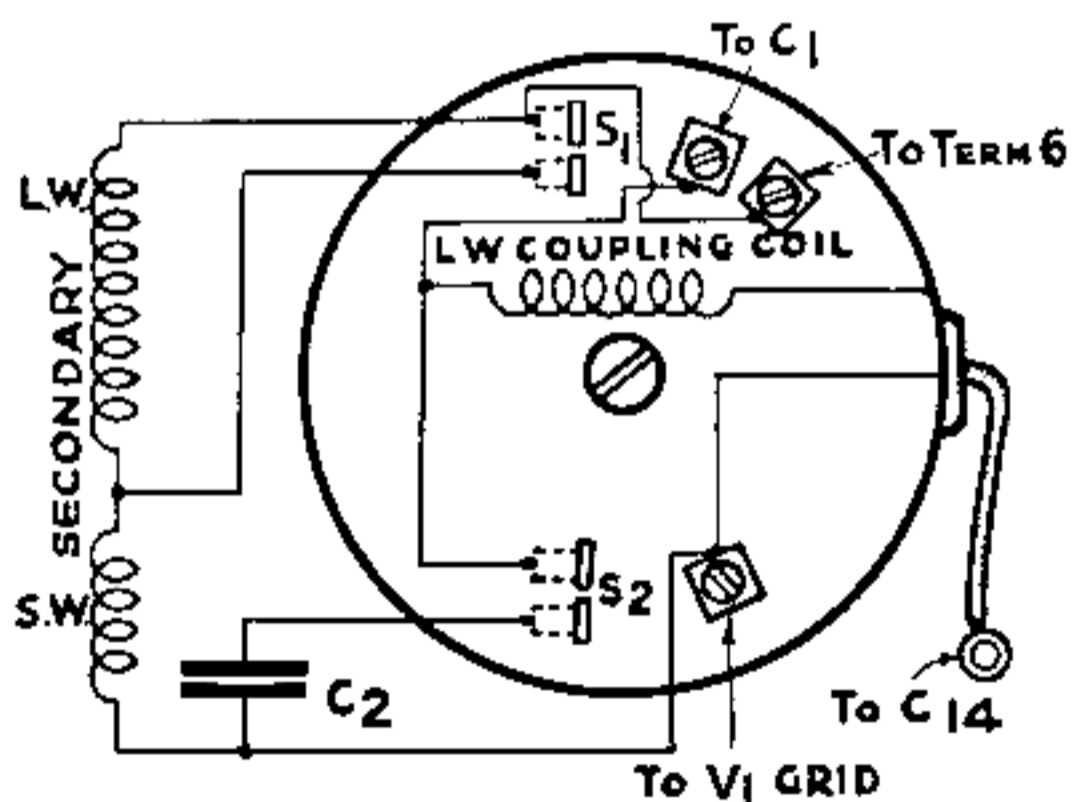
TOP VIEW OF CHASSIS



UNDERSIDE OF CHASSIS



TC.1

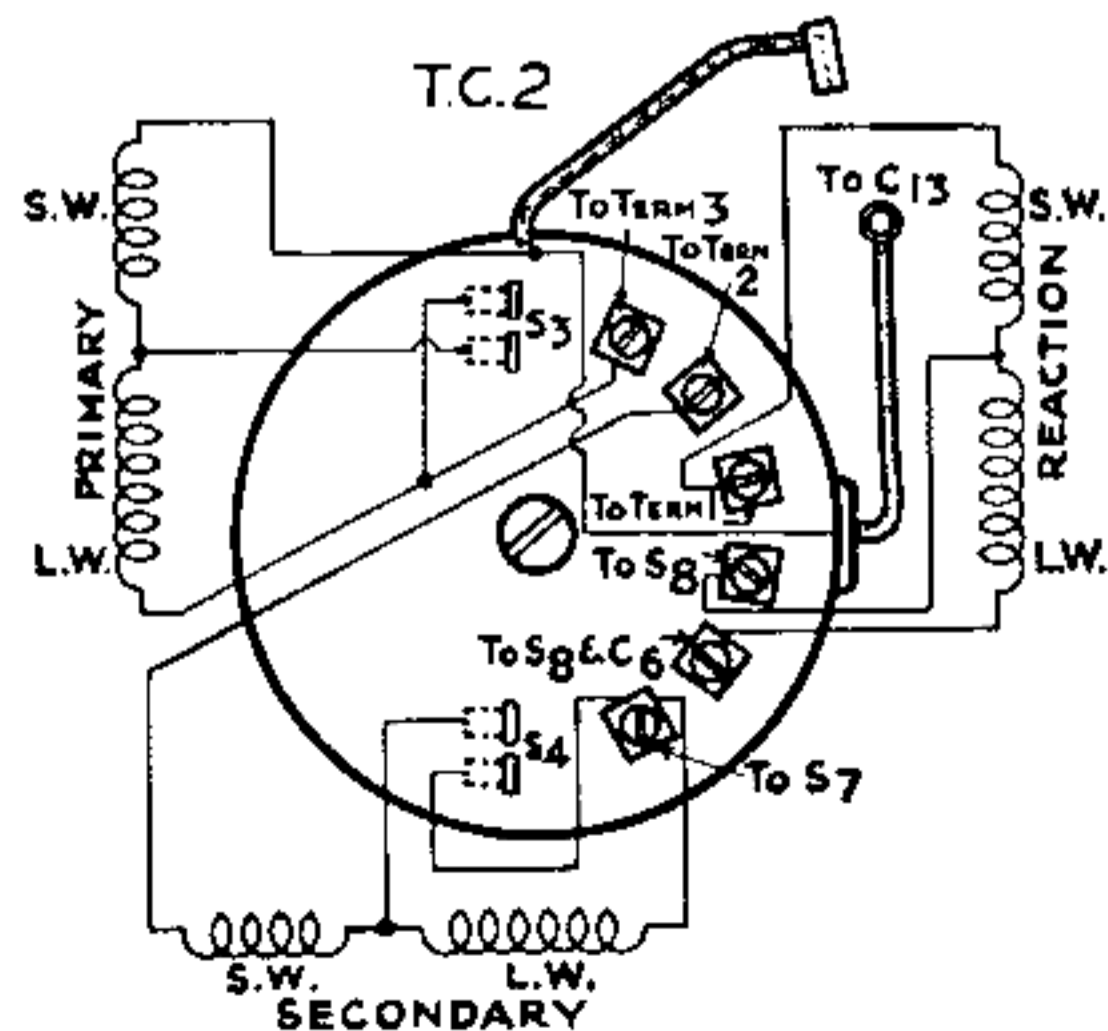


SWITCH CONTACTS

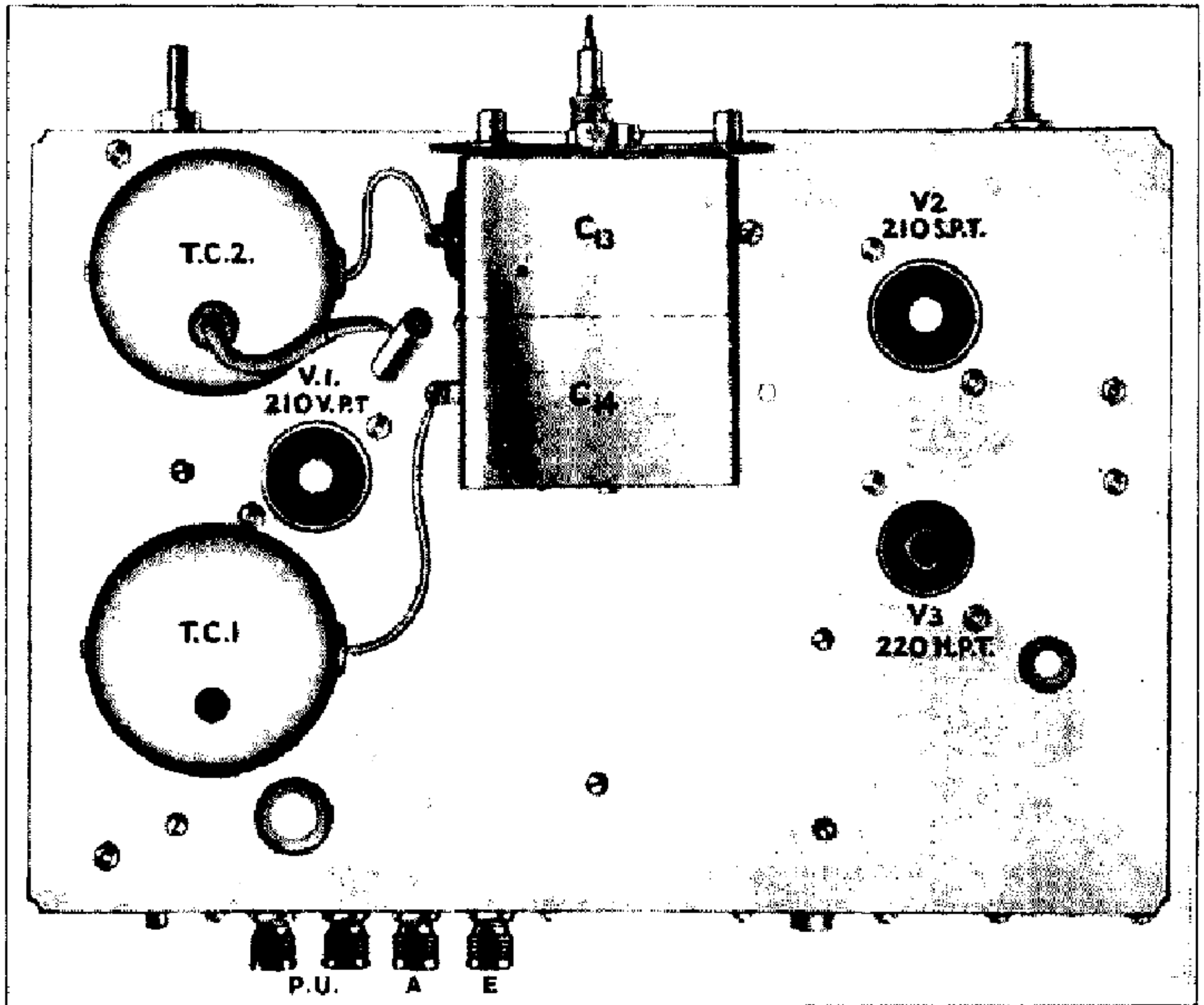
Switch Position.	Closed Contacts.	Open Contacts.
S.W.	All Contacts Closed.	—
L.W.	S5, S6, S7.	S1, S2, S3, S4, S8.
GRAM.	S1, S2, S4, S5, S6, S8.	S3, S7.

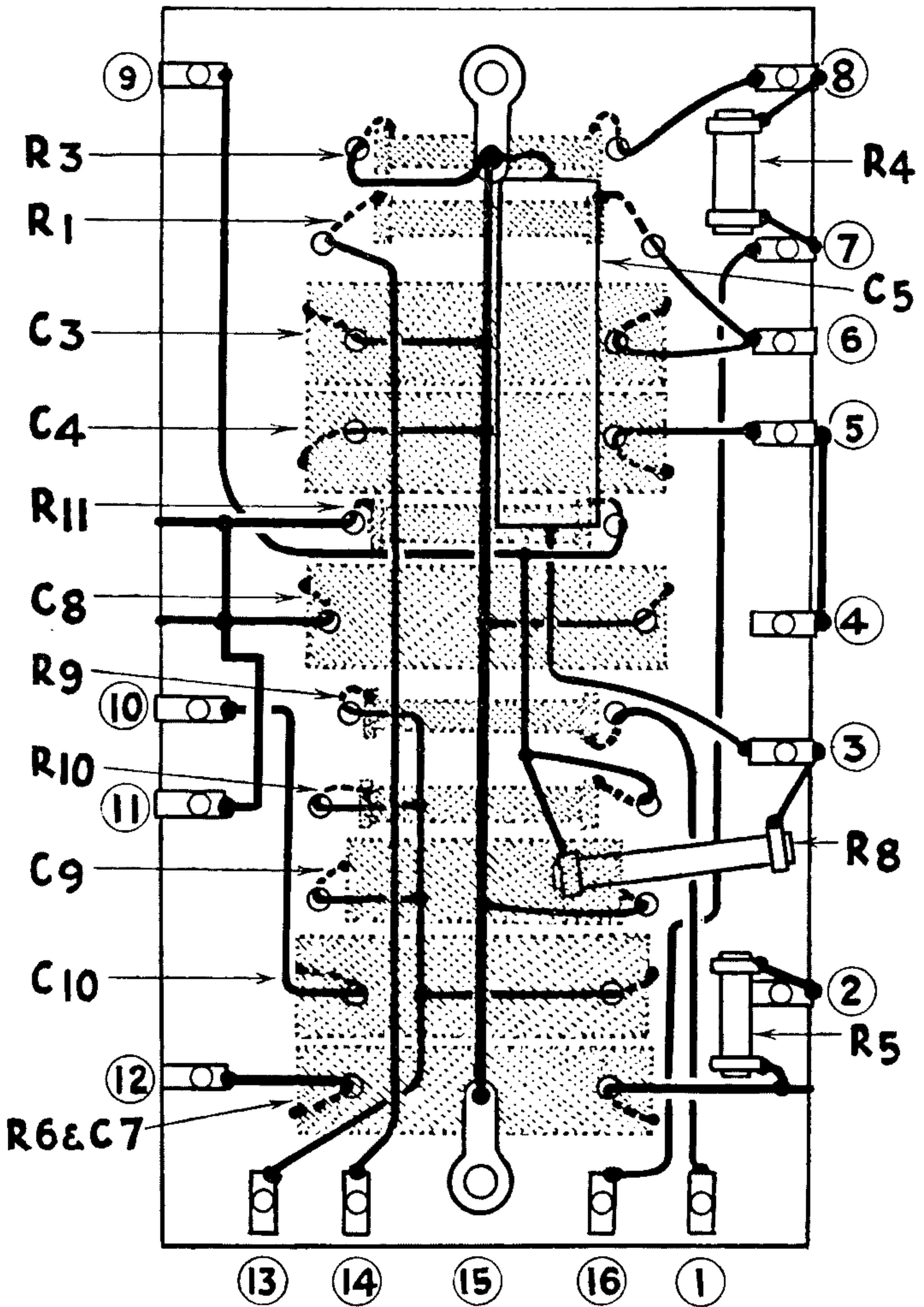
TUNING COIL CIRCUITS

NOTE.—These drawings show the physical details in heavy lines and all internal wiring in thin lines.



TOP VIEW OF CHASSIS

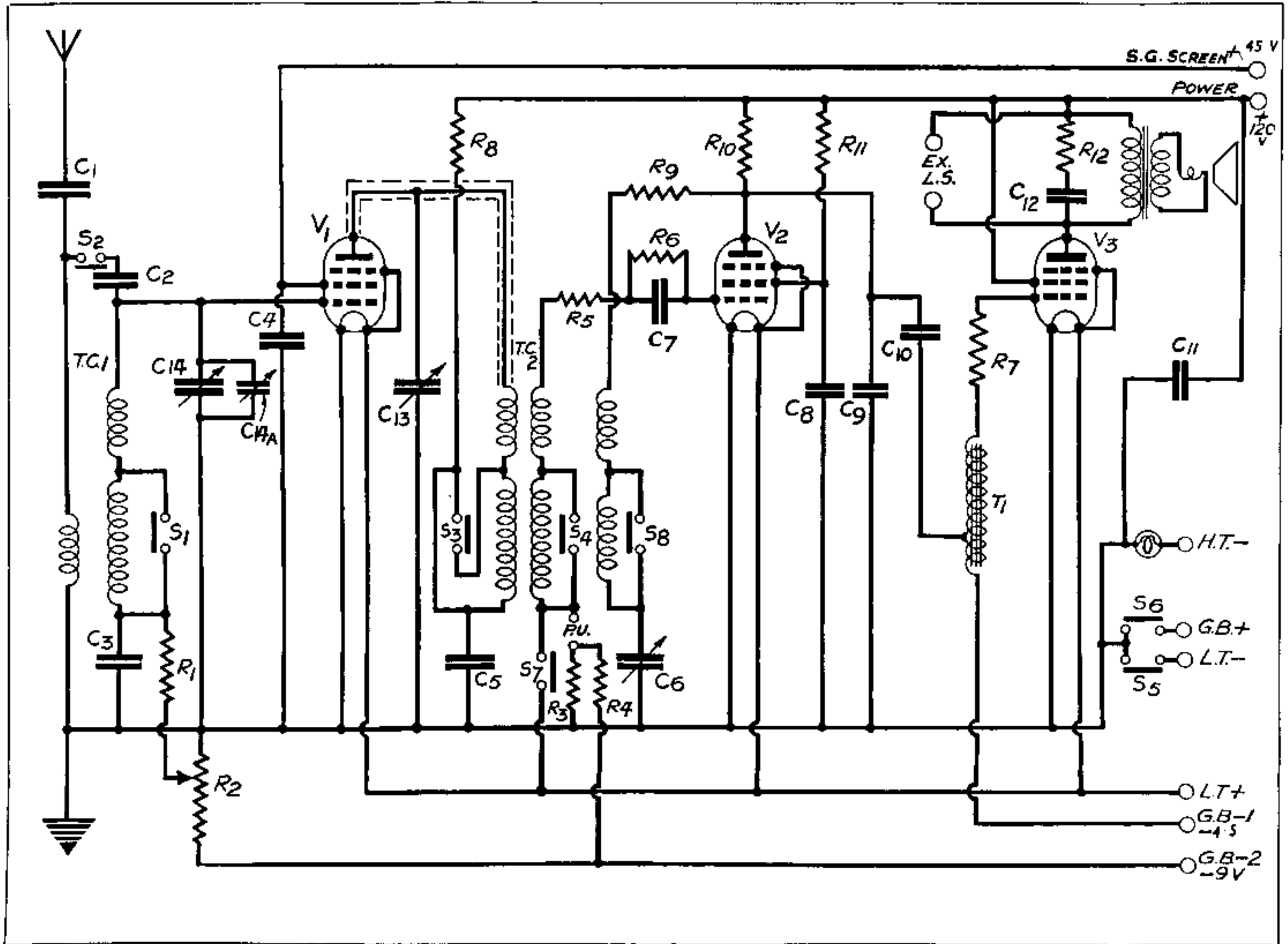




UNDERSIDE VIEW OF RESISTANCE PANEL

NOTE.—Components on top of panel are shown shaded and indicated on the left hand side. Components on underside of panel are indicated on right hand side. Terminal numbers are shown thus :— (9). All wiring is shown in heavy lines.

THEORETICAL CIRCUIT DIAGRAM OF MODEL 362



COMPONENT VALUES

CONDENSERS.

C 1	·0005 mfd. mica fixed cond.
C 2	15 mmfd. fixed cond. (in T.C.1).
C 3	0·1 mfd. tubular fixed cond.
C 4	0·1 mfd. tubular fixed cond.
C 5	0·1 mfd. tubular fixed cond.
C 6	·0005 mfd. reaction cond.
C 7	·0001 mfd. mica fixed cond.
C 8	0·1 mfd. tubular fixed cond.
C 9	·0001 mfd. mica fixed cond.
C10	0·1 mfd. tubular fixed cond.
C11	2 mfd. block cond.
C12	·005 mfd. tubular fixed cond. (Fixed to L.S. Transformer).
C13 } C14 }	2 gang variable cond.
C14A	Trimming cond.

RESISTANCES.

R 1	2 M. Ω resistance.
R 2	50,000 Ω potentiometer.
R 3	0·1 M. Ω resistance.
R 4	0·5 M. Ω resistance.
R 5	200 Ω resistance.
R 6	2 m. Ω resistance.
R 7	0·1 M. Ω resistance.
R 8	10,000 Ω resistance.
R 9	200 Ω resistance.
R10	50,000 Ω resistance.
R11	0·5 M. Ω resistance.
R12	30,000 Ω resistance. (Fixed to L.S. Transformer).