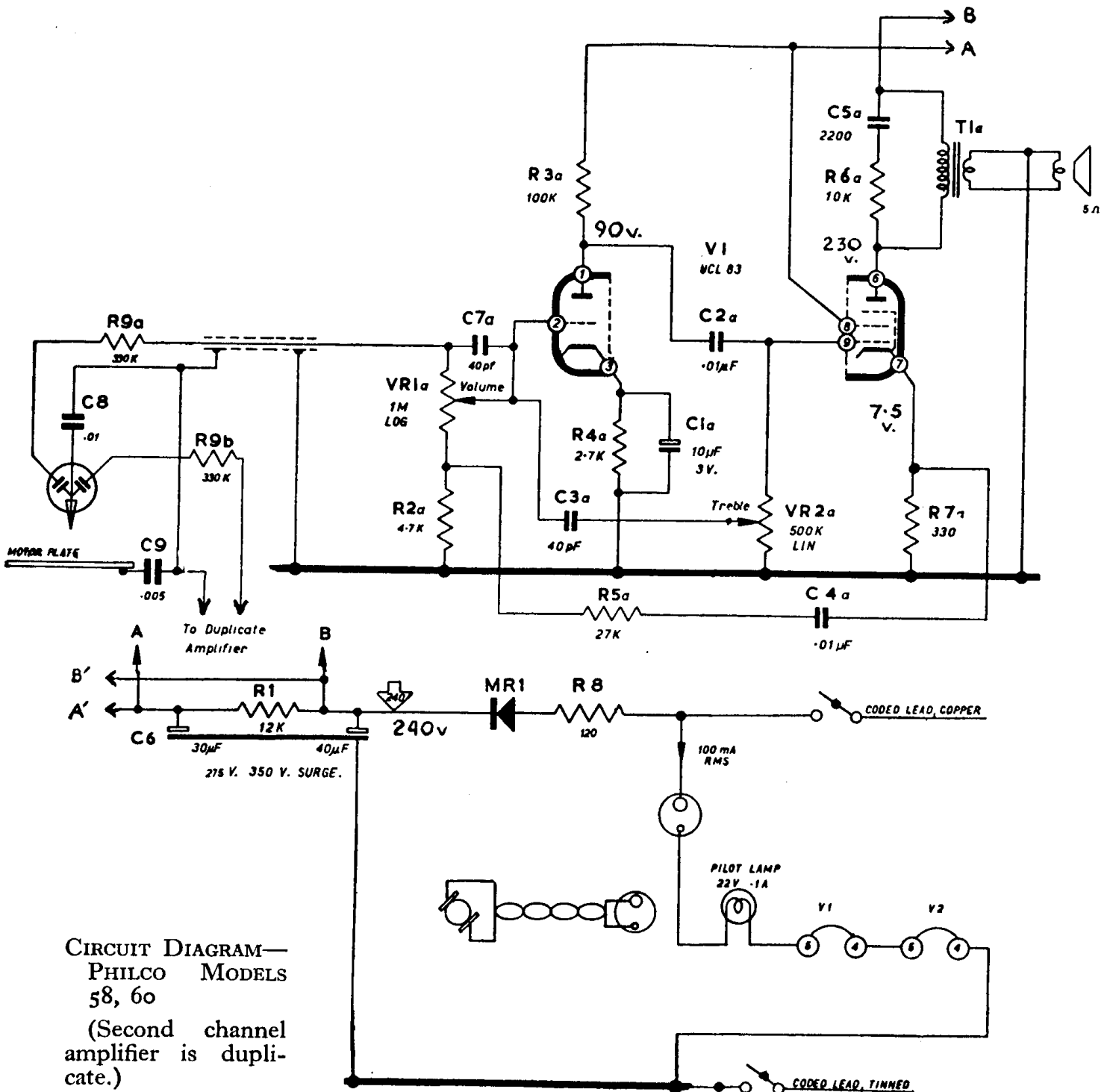


PHILCO

Models 56, 58, 60

Model 56: Four-valve (including rectifier), stereo record reproducer with B.S.R. Type UA12 fitted with TC8S cartridge. For operation from A.C. mains, 200-250 volts, 50 c/s. Valves (V1) ECC83; (V2) EL84; (V3) EL84; (V4) EZ81.

Models 58, 60: Two-valve transportable stereo record reproducers with detachable lid. Note that circuit diagram shows amplifier for one channel only, the second amplifier being a duplicate of the first. Valves: two UCL83. Metal rectifier Type C2D. For operation from A.C. mains, 200-250 volts, 50 c/s.



CIRCUIT DIAGRAM—
PHILCO MODELS
58, 60
(Second channel
amplifier is dupli-
cate.)

NOTE:

- VR1a and VR1b GANGED
- VR2a and VR2b GANGED
- VR3a and VR3b GANGED

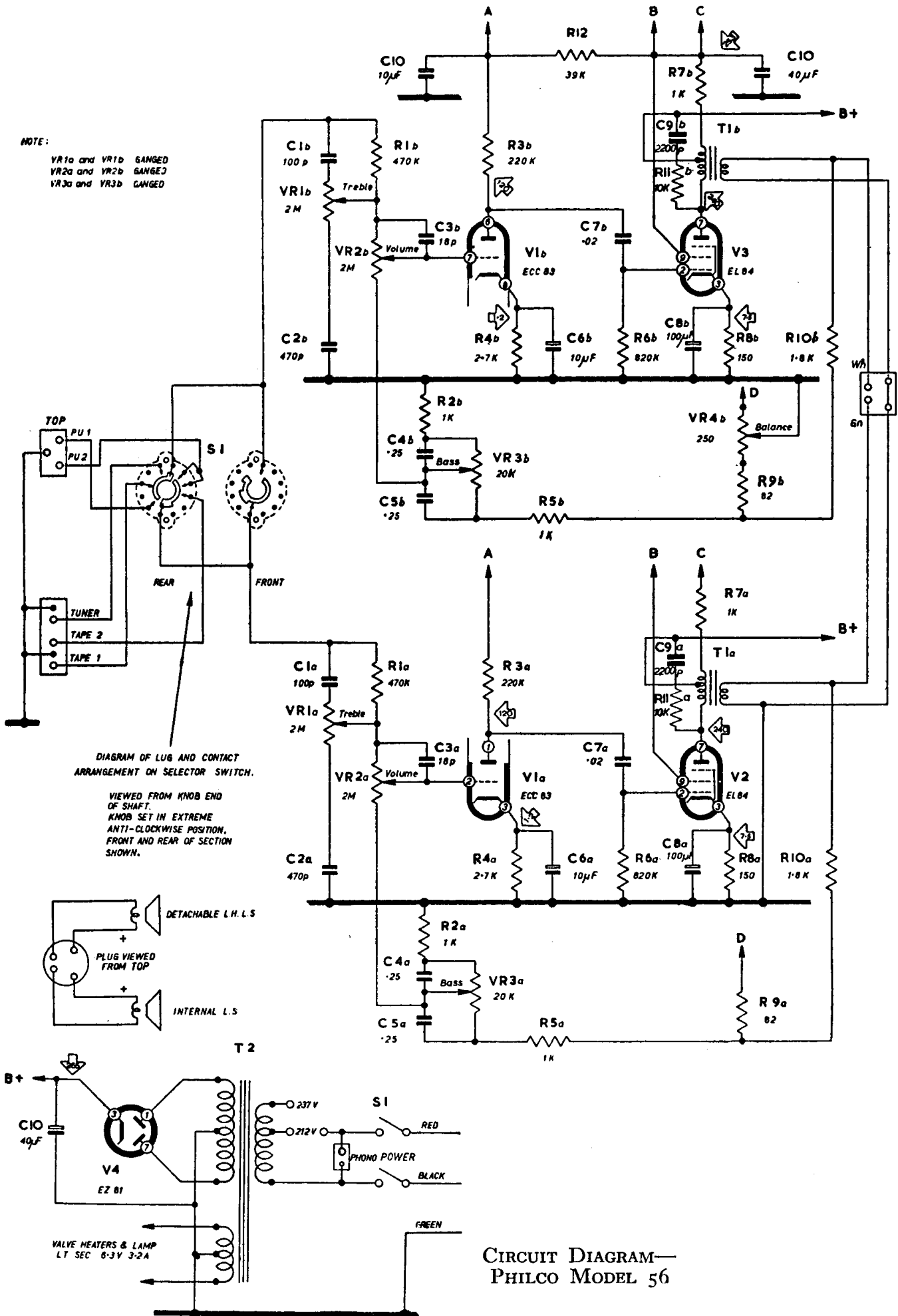
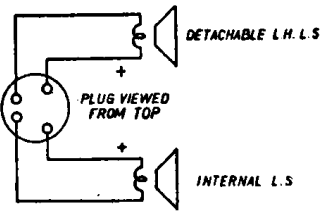


DIAGRAM OF LUG AND CONTACT ARRANGEMENT ON SELECTOR SWITCH.

VIEWS FROM KNOB END OF SHAFT.
KNOB SET IN EXTREME ANTI-CLOCKWISE POSITION, FRONT AND REAR OF SECTION SHOWN.



CIRCUIT DIAGRAM—
PHILCO MODEL 56

Model 64: The twin-channel amplifier fitted to this transportable stereo record reproducer is basically similar to that of Model 56 as shown in the 1960-61 volume. The main differences are as follows. The cathode bias network R_{4a}/C_{1a} is common to both amplifiers with values changed to 1.8k and 50 μ F. (6 volts). The cathode bias network for the output stages comprises two 150-ohm resistors (with no by-pass capacitor) in series with a network, common to both amplifiers, comprising a 82-ohm resistor and a 50- μ F. capacitor. A four-pin plug/socket is used for the motor connection, one pin being left blank and one connected to chassis. A thermistor is wired across the 22-volt 0.1-amp. pilot lamp. The value of the negative feedback resistors (R_{5a, b}) is changed to 18k. Record unit B.S.R. Type UA14.