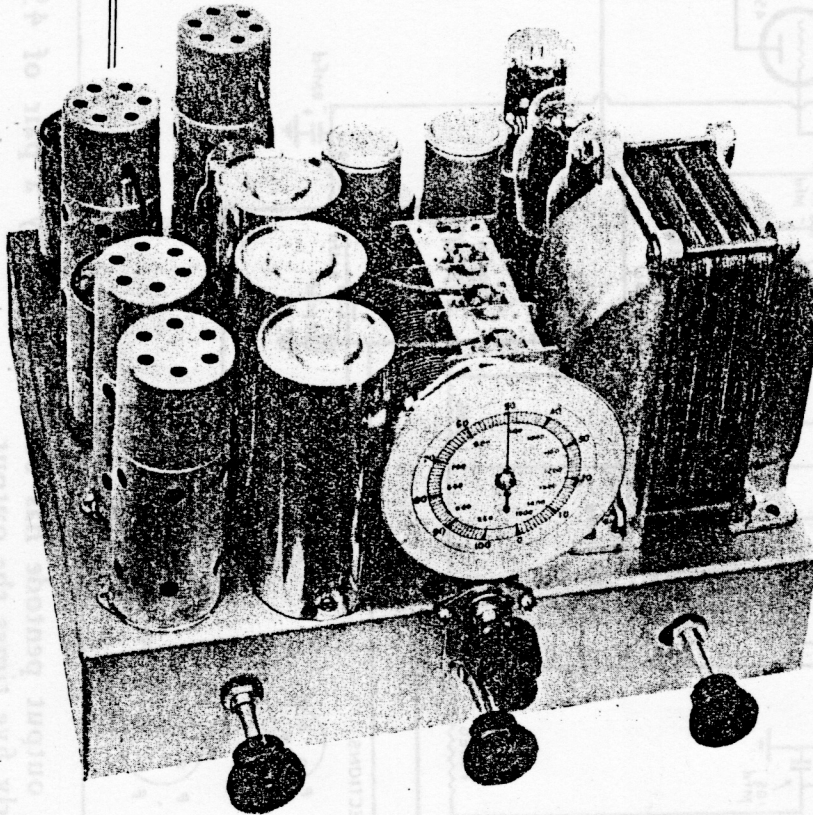


The Exelrad



"AIR-KING DE LUXE EIGHT"

★ ★ ★
An eight-valve version
of the "Air-King Dual-
Wave Superhet" des-
cribed in the March
"Radio Times"
★ ★ ★

EXELRAD KIT OF PARTS

- 1—steel chassis, 11in. x 12in. x 2½in., ready stamped and drilled (Exelrad).
- 1—power transformer (Exelrad type 421).
- 1—Exelrad dual-wave coil kit, No. 335, comprising matched aerial, r.f., and oscillator coils, 3-gang condenser, 2—256 k.c. I.F. transformers, .001 mfd. padder, and 3-deck dual-wave switch.
- 1—push-pull input transformer, for 45's in Class A prime (Exelrad).
- 1—full-vision tuning dial (Crowe).
- 9—wafer sockets, 2—7-pin, 2—6-pin, 2—5-pin, 3—4-pin (Exelrad).
- 4—type 58 valve shields (Exelrad).
- 1—open circuit jack.
- 3—knobs.
- 2—potentiometers, .5 megohm, and 15,000 ohms, insulated (Frost, Erie, Radiophone).

FIXED RESISTORS.

- 1—2500 ohm carbon (Erie).
- 1—10,000 ohm carbon (Erie).
- 2—15,000 ohm carbon (Erie).
- 2—50,000 ohm carbon (Erie).
- 3—100,000 ohm carbon (Erie).
- 2—25 megohm carbon (Erie).
- 1—.5 megohm carbon (Erie).
- 2—1 megohm carbon (Erie).
- 1—25 ohm wirewound (Exelrad).

FIXED CONDENSERS.

- 1—.00005 mfd. mica (T.C.C.).
- 2—.0001 mfd. mica (T.C.C.).
- 1—.00025 mfd. mica (T.C.C.).
- 1—.001 mfd. mica (T.C.C.).

- 1—.01 mfd. mica (T.C.C.).
- 4—.05 mfd. tubular (T.C.C.).
- 2—.1 mfd. tubular (T.C.C.).
- 3—.25 mfd. tubular (T.C.C.).
- 1—8 mfd. dry electrolytic, 450v. working (T.C.C.).
- 1—10 mfd. dry electrolytic, 25v. working (T.C.C.).
- 2—16 mfd. wet electrolytics, 500v. working (T.C.C.).

MISCELLANEOUS.

- 3—doz. 3/8in. nuts and bolts; 2 doz. solder lugs; dial light; 10 yards hook-up wire (Henley); 1 yard flexible push-back; 1 foot flexible copper braiding; 1 yard 18 gauge tinned copper wire; length of 3-core power flex and plug; 5-pin speaker plug and cord; two terminals; 4 a.g. clips; large and small bushes (for power cable and aerial terminal); 16 or 18 gauge aluminium strip, 4in. x ½in., for mounting 8 mfd. dry electrolytic.

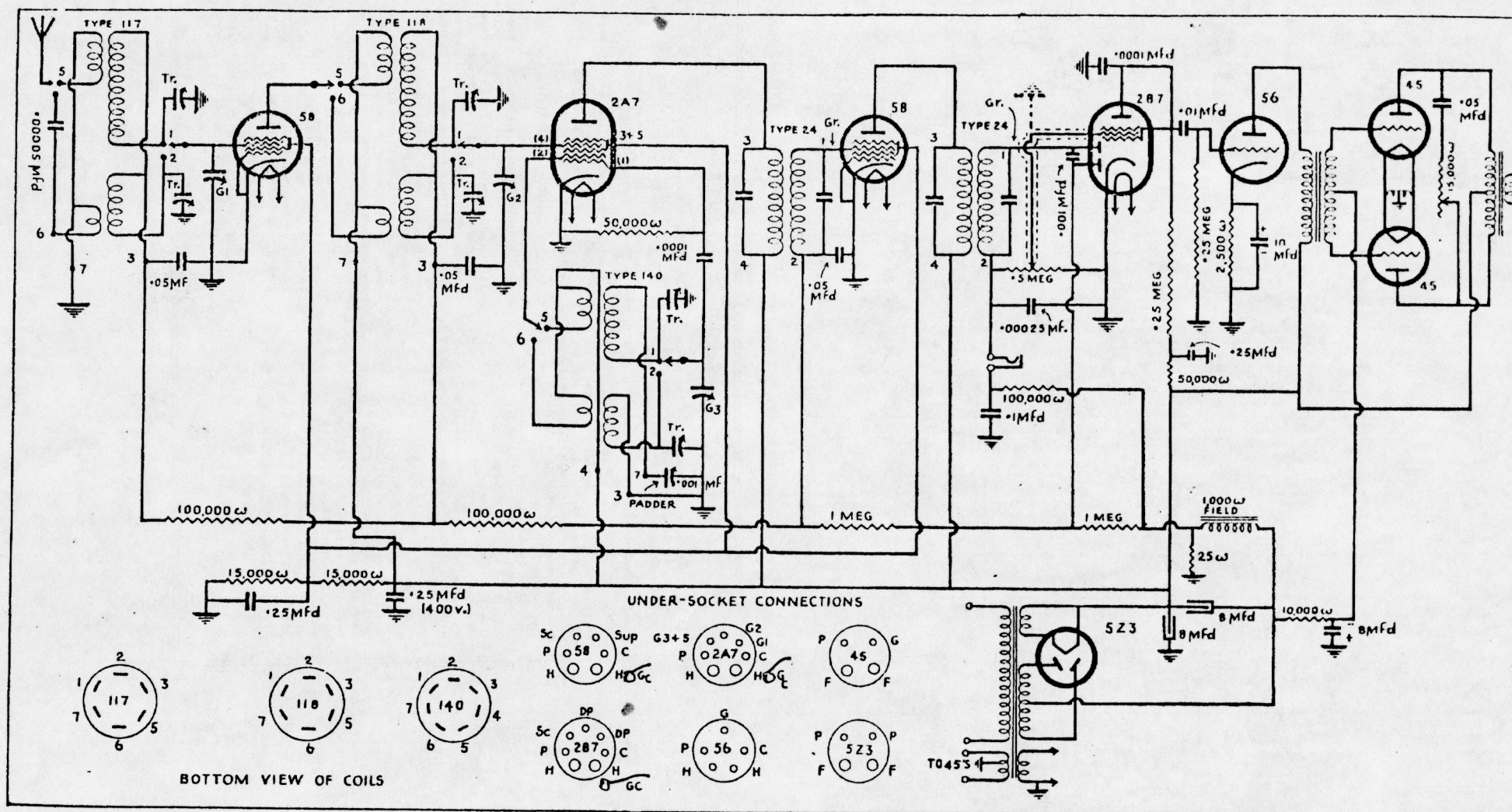
EXTRAS REQUIRED (not included in kit).

VALVES.

- 1—2A7, 2—58, 1—2B7, 1—56, 2—45, 1—5Z3 (Tungsol, Raytheon, Nat. Union, Radiotron, Philips).

SPEAKER.

- 1—dynamic speaker, 1000 ohm field, with input transformer to match push-pull 45's (Jensen, Lissen).



In the 'de luxe' version of the "Air King," the single 2A5 class A output pentode has been replaced by a pair of 45's in prime class A, giving nearly five times the output.