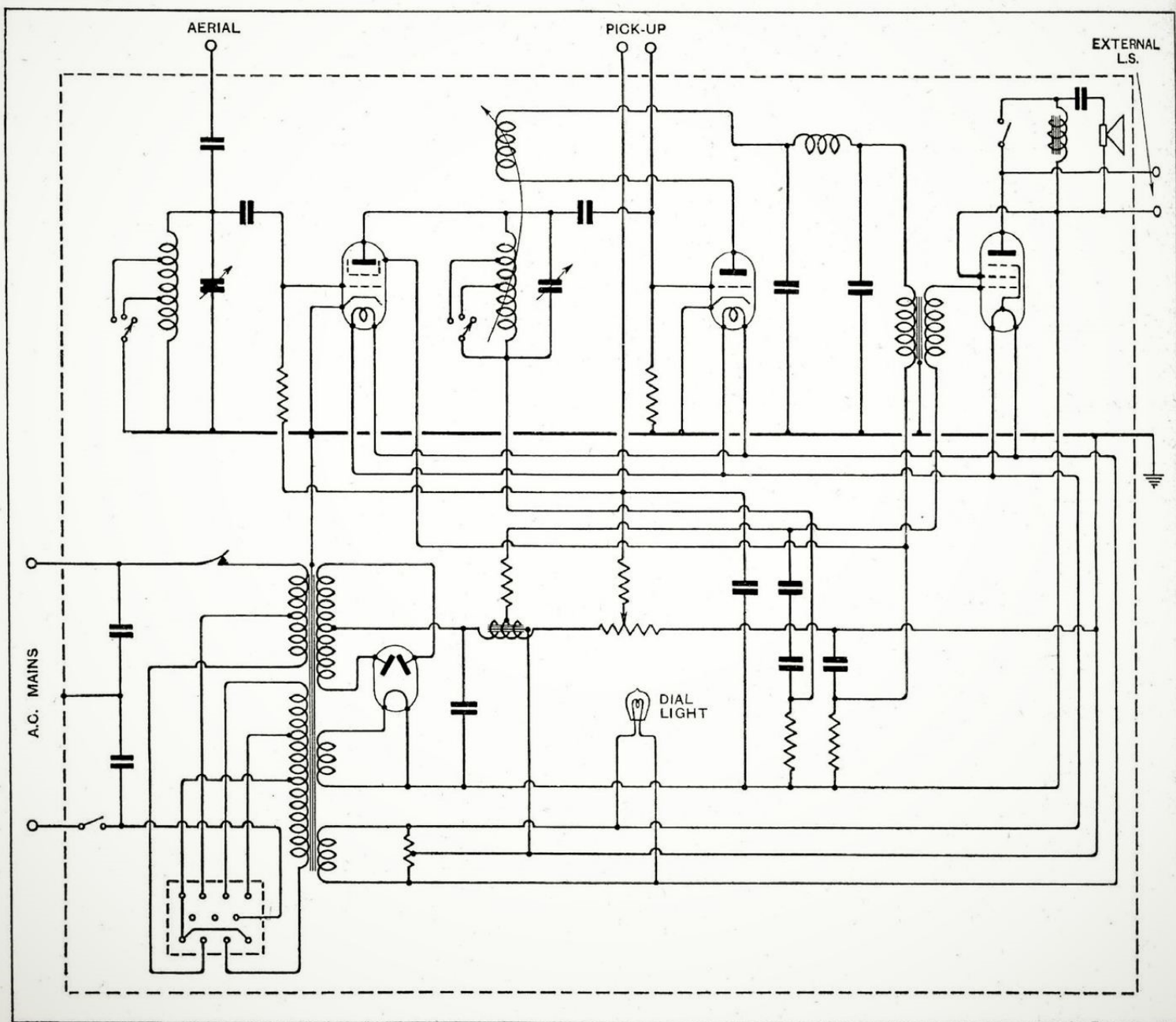


**Philips Radioplayer.—**

voltages between 100 and 250 and frequencies from 40 to 100 cycles, so that one need not specify the mains requirements of particular localities. A feature of all Philips' sets is a fly-open spring contact, held down by a low melting point alloy which breaks the main supply should an error occur in the set to cause overloading and thus bringing about a small rise in the temperature of the mains transformer. The smoothing equipment is generous, using a gapped-core choke which, combined with other small but important details, gives reception entirely free from mains hum.

A bold and original cabinet design with a conical loud speaker grille of oxidised metal, and the cabinet itself of mottled bakelite, produce a set of tasteful

foreign programmes were received with strength and quality equal to that of the Midland Regional. By combining the loud speaker with the receiver the manufacturers may take into account the characteristics of both in order to get as near as possible to the desired uniform audio-frequency response. The customary measurement of the output over the frequency range was not carried out in this instance, but as an alternative an aural test was applied which revealed practically no falling off in the ability of the set to reproduce the upper frequencies up to 5,000 cycles, while at the lower end of the scale only a slight weakening was observed as the test frequency dropped below 200. This test revealed also a satisfactory absence of marked resonances. This outfit fulfils the requirements of those needing a set of moderate



Circuit of Philips three-valve A.C.-operated "Radioplayer," type 2634.

appearance. The knob controls being placed at the sides are convenient to operate.

Used in North London, separation of the two Brookmans Park stations presented no difficulty, and many

range-getting properties and giving good quality reproduction. It is considerably better than the simple sets of slightly lower price and does not include unnecessarily elaborate and expensive equipment.