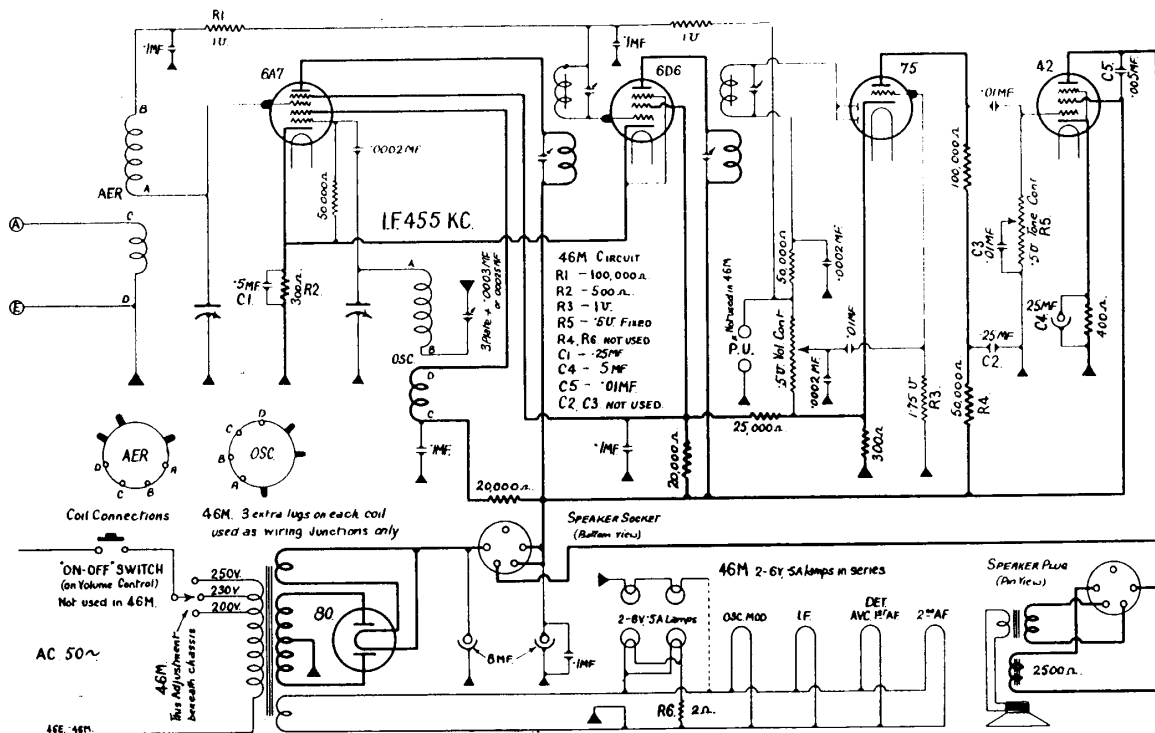


"Healing" A.C. Broadcast Models 46E and 46M



Healing models "46E" and "46M" are both five-valve, A.C. operated broadcast receivers. Both use the same basic circuit arrangement, but differ slightly in the component values used and also in chassis layout. The latter is because model "46M" is housed in a compact "mantel" cabinet, while "46E" is fitted to a console.

Other points of difference are that model "46E" is fitted with a combined tone control and power supply switch, and uses an 8½ ins. loudspeaker. Model

"46M" has no tone control or power switch, and uses a 6½ ins. speaker. The two chassis layouts are shown in the accompanying drawings, but only one circuit diagram is shown. The various component changes and minor wiring alterations are noted on the circuit diagram.

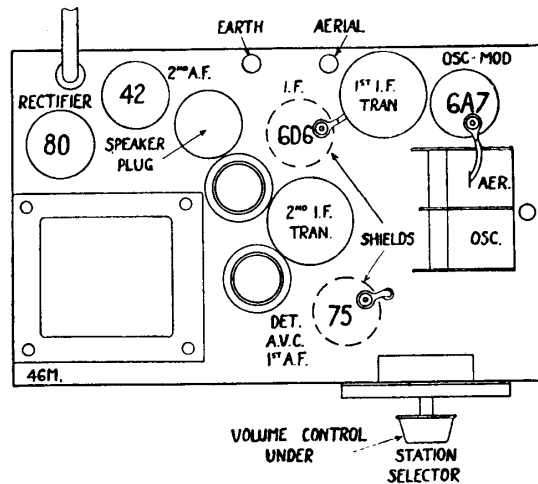
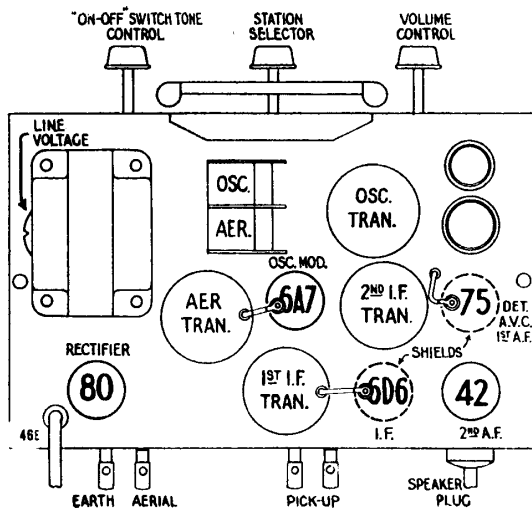
GENERAL DESCRIPTION.

The circuit arrangement used is of the "mixer-single I.F." type, and has no outstanding features. The I.F. used is exactly 455 KC., and iron cores are used

in the secondaries of both transformers. The loudspeaker in both cases has a field resistance of 2,500 ohms. A further point of interest is that the line voltage control on model "46E" is fitted to the power transformer, and is accessible without removing the chassis from its cabinet. The line voltage adjustment on model "46M" is beneath the chassis.

Because of the differences in the component values used in these two "Healing" models, the voltage distribution

(Continued on Page 274.)



Model 46E (left) and Model 46M (right).