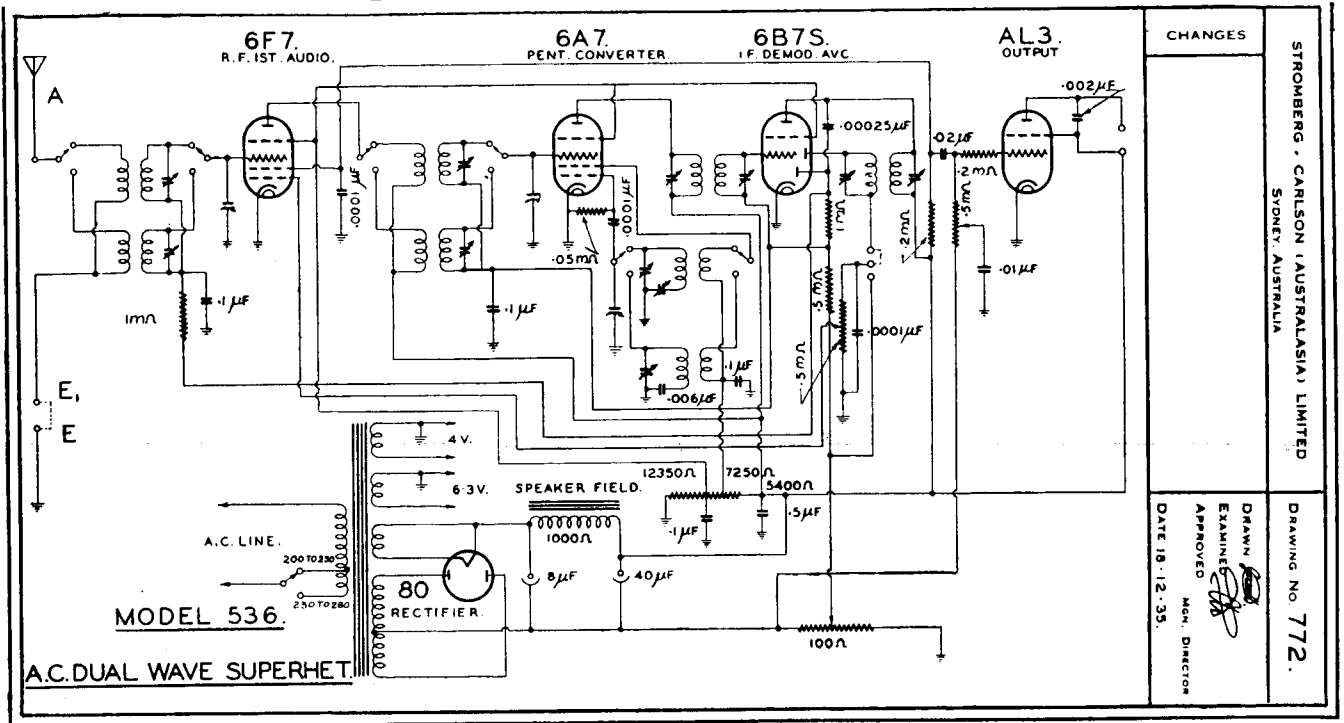
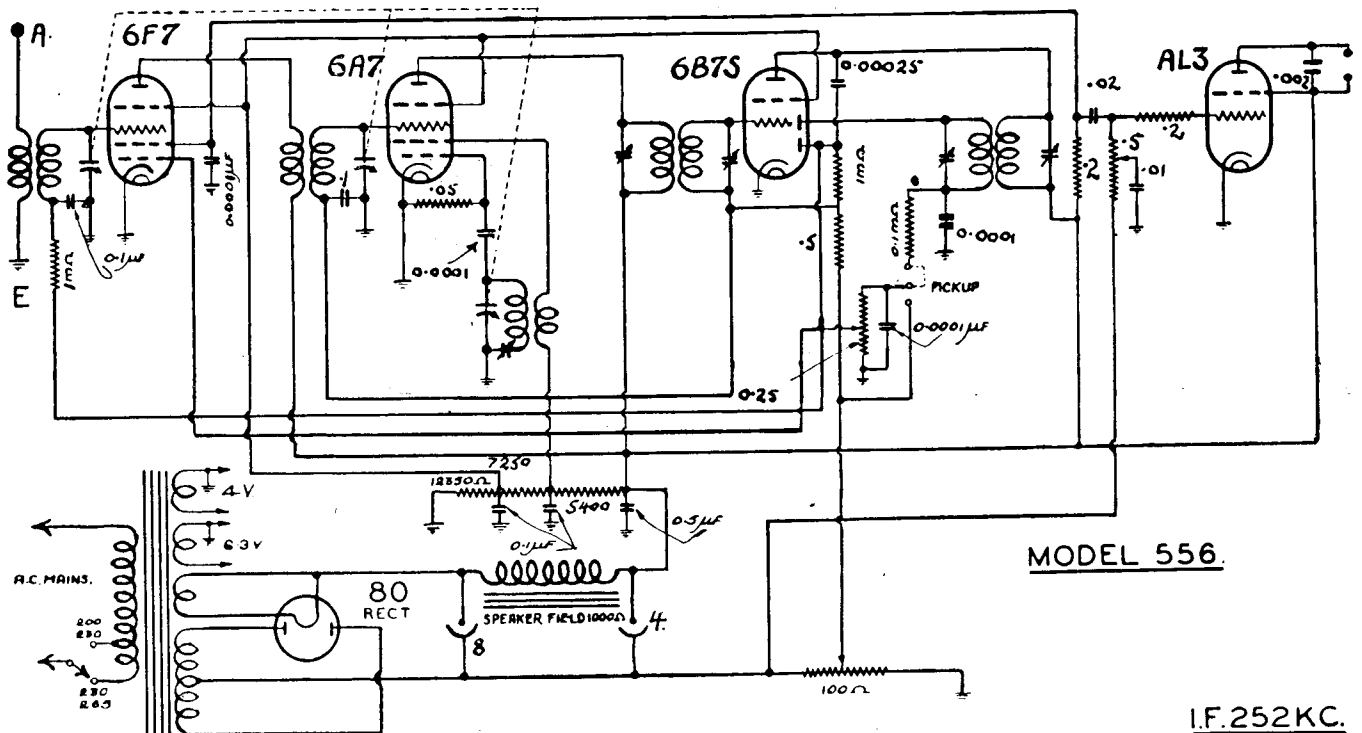


# "Stromberg-Carlson" A.C. Models 536, 556



|   |                  |
|---|------------------|
| STROMBERG-CARLSON (AUSTRALASIA) LIMITED<br>SYDNEY AUSTRALIA | DRAWING No. 772. |
| CHANGES   | DATE 18-12-35.   |
| APPROVED  | MAN. DIRECTOR    |
| EXAMINED  |                  |
| DRAWN   |                  |



I.F. 252 KC.

Stromberg-Carlson models "536" and "556" are "dual-wave" and "broadcast" versions of one basic circuit arrangement; both versions are illustrated for convenience of reference. These receivers are of the console type and are fitted with 8-inch, 1,000 ohms field, loud-speakers. Four controls are fitted to model "536," these being for volume, tuning, tone (continuous) and wave-change, while three controls are fitted to model "556"—the wave-change switch being omitted.

The circuit arrangement employed in these receivers is of the "reflex" type, a type 6F7 triode-pentode being employed as R.F. and A.F. amplifier. Another interesting feature is provided by the use of a type 6B7S as I.F. amplifier, detector and delayed A.V.C. rectifier. The I.F. used in each case is in the vicinity of 252 KC., although it may be found that the I.F. channel is adjusted to a slightly higher frequency (about 256.5 KC.) in the dual-wave version. Operating voltages for these receivers are as follow:

6F7, R.F. and A.F. Amplifier. Pentode plate, 275 v.; screen, 95 v.; pentode grid, -1.5 v.; triode plate, 35 v.; triode grid, A.V.C.

6A7, Frequency Converter. Plate, 275 v.; screen, 95 v.; grid, -1.5 v.; osc. anode grid, 190 v.

6B7S, 252 KC. I.F. Amplifier, Detector, and A.V.C. Rectifier. Plate, 275 v.; screen, 95 v.; grid, -1.5 v.

AL3, High-mu Output Pentode. Plate, 265 v.; screen, 275 v.; grid, -6.5 v.

NOTE: All bias voltages are obtained from the drop across the 100 ohms tapped resistor in the "B" negative lead.