

R.C.A. Developed Screen-Grid Radiotrons, then the Screen-Grid Circuit

AND NOW THE AMAZING NEW SCREEN GRID R.C.A. RADIOLAS 44 and 46

The new RCA Screen-Grid Radiotron—a very remarkable advance in valve design—has made possible the construction of a simplified Radiola receiver of amazingly high efficiency.

This new Radiotron of great amplifying power has been for years under test and development. A special circuit had to be devised to make full use of its remarkable capabilities.

The same RCA engineers who developed the valve, and then the circuit, have now designed Radiolas 44 and 46 to make the most efficient use of the Screen-Grid Radiotron in radio receivers operated with alternating current.

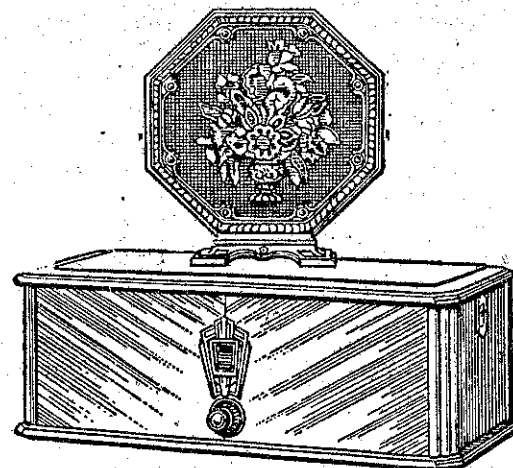
The new Radiolas utilise only five valves—three of which are Screen-Grid Radiotrons. There is also employed a new power-amplifying Radiotron, with capacity for much greater volume without distortion.

The beauty of tone achieved in these new Radiolas has never before been possible in receiving sets employing so few valves. The full rich tones of the bass register are a revelation in radio reproduction.

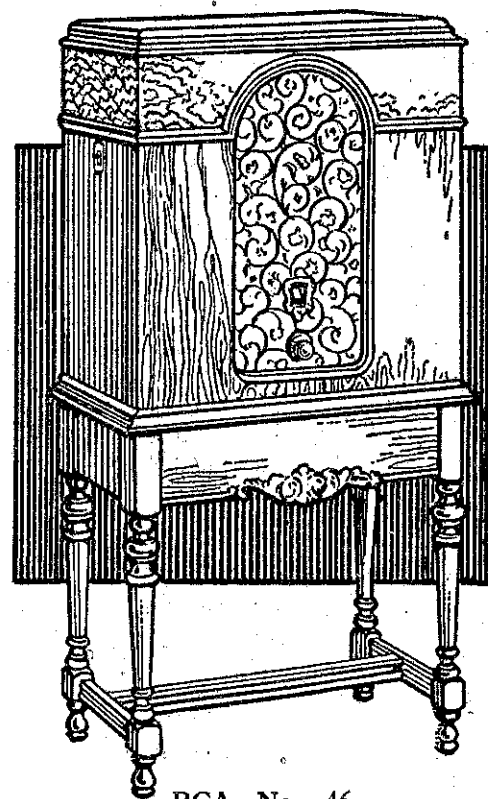
Radiola 44 (table model) is in a compact, two-tone walnut veneer cabinet of graceful design. The console model, Radiola 46, makes use of the finest of all reproducers, the famous RCA Electro-Dynamic Speaker, an integral part of the assembly.

Among the interesting refinements in the new instruments are the concentric, or "two-in-one" tuning and volume control, the special switch to maintain high quality of reproduction for both distant and local stations, and the selector dial graduated for kilocycles, with readings magnified on an illuminated window.

Again—all the world's knowledge of radio in these newest RCA Radiolas—the product of the world's greatest radio research laboratories.



RCA No. 44



RCA No. 46

RCA RADIOLA

Made by the Makers of the Radiotron

Amalgamated Wireless

(Australasia) Ltd.

BOX 830, WELLINGTON.