

1925 – Kodel Senior

The Loudspeaker

Categoria/category: Altifalante com diafragma de aço/Microfone
Steel diaphragm loudspeaker/ Microphone

Fabricante / *Maker*: Kodel Radio Corp.; USA.
 Modelo / *Model*: Senior.
 Princípio / *Principle*: Corneta / *Horn*.
 Formato / *Shape*: Modelo de mesa / *Tablemodel*.
 Motor / *Driver*: Eletroímã e membrana de aço / *Electromagnet and steel diaphragm*.
 Materiais / *Materials*: steel, brass, celuloose.
 Produzido / *Produced*: 1925.
 Dimensões / *Dimensions*: 165 x 229 x 140 mm.
 Peso: / *Weight*: 3 kg
 Impedância / *Impedance*: 1100 ohms.



Nota / *Note*: Este inovador altifalante / Microfone, é extremamente raro / *This innovative speaker/microphone is extremely rare.*

História / *History*:

- 1.-Clarence Ogden was born in Cincinnati Ohio, in August 1880, in a rural environment. Ogden had basic school training but soon became interested in learning electrical technology. Ogden began developing his own systems, in the attic of his home, aimed at controlling motors and then AC DC converters, based on electromechanical vibrators, to charge the batteries of the military radio receivers that were developed in the 1910s.
2. After the First World War, the military radio business declined significantly and Ogden became interested in the battery chargers needed for amateur radio activities.
3. In 1920, with the beginning of commercial broadcasting, Ogden continued to develop battery chargers, but he also became interested in the promising radio business.
4. In June 1924, Ogden presented his first radio, portable, very compact and very creative, which he called Kodel or "Camera Radio", as it had the appearance of a photographic camera of the time. He then founded the company Kodel Manufacturing Company to produce this radio.
5. In 1925, Ogden renamed the company Kodel Radio Corporation, to better reflect his activity in radio production, achieving production of about 50,000 radios of various types. This year, Ogden founded the WKRC broadcast station, which operated on the family farm.
6. Still in 1925, Ogden developed some models of conventional speakers to associate with his radios, but surprised the market and the industry with his "loudspeaker microphone", a speaker that had the appearance and size of the microphones used in radio. broadcasters and which also functioned as a microphone.
7. In 1927, Ogden ended the production of radios as competition was too strong and opted for solid-state copper oxide rectifiers to replace the electromechanical rectifiers used in his battery eliminators. This business also did not work out as radios began to operate directly on AC.
8. In 1930, Ogden ended his industrial activities by closing the company.

Experiência: [Pode ouvir aqui uma demonstração deste criativo altifalante / microfone](#)