THE GUARANTEED

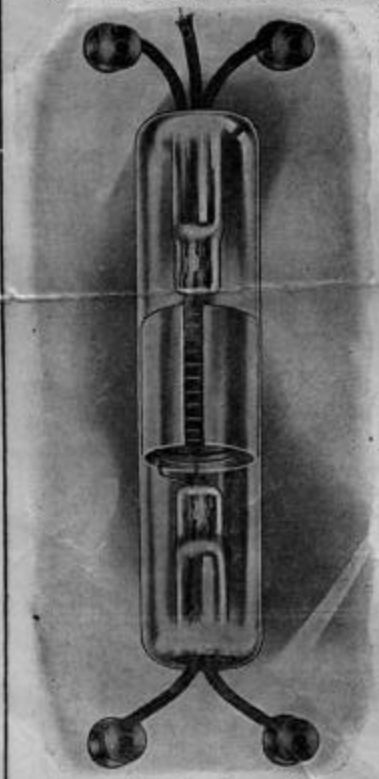
AUDIOTRON

(TRADE MARK)

THE ONLY ORIGINAL AND GENUINE TUBULAR

DETECTOR
AMPLIFIER
OSCILLATOR

The AudioTron is the very latest development in detectors of extreme sensitiveness. Comparative tests within the last six months—not ancient tests which are valueless in view of the rapid developments in radio telegraphy—prove that the AudioTron is at least 100% more sensitive than any other detector—without exception.



The AudioTron is of the pure electron discharge type. It differs from the audion, and other gaseous detectors, in that it depends for its sensitiveness and operation on the emission of negative electrons from an incandescent tungsten filament and not on the ionization of a gaseous medium. This electron stream from the hot cathode to the cold plate anode, which acts as a carrier for the B battery current, is varied by and in accordance with the impressed potential on the spiral grid, thus producing the amplified or relayed signals in the receiver. The plate is in intimate contact with the glass tube, thus assuring a cold anode at all times with resulting maximum efficiency and sensitiveness.

The grid and plate both completely surround the stream line filament, taking maximum advantage of the electron discharge from the filament, which is at the axis of the cylindrical grid and plate, resulting in uniform spacing at all points.

The grid of copper and the plate of aluminum are electropositive to each other and to the wire drawn tungsten filament, thus taking fullest advantage of this feature in the rectifying action.

The life of the AudioTron is exceptionally long, due to the absence of any loops in the filaments. Lead-in- wires at opposite ends of the tube entirely eliminate destruction due to Edison effects.

The use of large grid and plate surfaces allows the use of two to three times the customary filament current with the corresponding increase in electron discharge and resulting in greater efficiency.

FOR SALE BY

[illegible] CO.

223 MARKET ST., NEWARK, N. J.

The AudioTron is the most sensitive form of detector, amplifier or oscillator. The one type tube is suitable for all three uses. The AudioTron has been used and tested for nearly a year on the Pacific Coast in amateur and commercial stations with wonderful results. Readable signals from a distance of 8,000 miles have been received with average sized aerials.

While the AudioTron detector is more sensitive than most two or three step amplifiers, it can and has been used as a two step amplifier for extreme distances. The AudioTron's extreme sensitiveness will never require the use of a three step amplifier.

As an oscillator, the AudioTron is incomparable. Using amplified Armstrong circuits, signals from European stations have been read on the Pacific Coast (over 8,000 miles), even in the day time, with average sized aerials.

The AudioTron tube is sold individually or built in compact AudioTron receiving, amplifying or oscillating sets. For best results we recommend the purchase of complete sets.

THE AUDIOTRON TUBE DOUBLE FILAMENT $5.25

Postage Prepaid in the U. S. A. and Canada

All bulbs are carefully tested before shipment, are guaranteed sensitive and to arrive in good condition. When ordering, specify whether AudioTron is to be used as a detector of spark or damped stations or as an oscillator for undamped wave reception. Damped wave detectors are also amplifiers. Combination tubes can be furnished at an advance of fifty cents.

BEWARE OF SUBSTITUTES

Patent has been applied for on the AudioTron and every genuine AudioTron has the name stamped on it. Be sure the tube you purchase bears this protected trade-mark. You are then assured of satisfaction.

READ WHAT SOME USERS OF AUDIO TRON WRITE US

New York, 11/3/15.

"I don't mind telling you that the AudioTron is the best bulb I have ever used. I tried it out right away and found it much more sensitive than a —— bulb, which I thought was pretty good."

New York, 11/21/15.

"Have just received and tested the AudioTron and want to tell you of the splendid results. It is much ahead of other detectors, especially as an oscillator. Germany and Honolulu come in very loud. I copied OUI (Hanover) with but one bulb and the spark systems came in from remarkable distances."

Salt Lake City, 11/29/15.

"The bulb sent me has been thoroughly tried and found not wanting in any detail. I am enclosing check for 5 more bulbs, which I wish you would ship as soon as possible."

New Castle, Pa., 12/14/15.

"The bulb you shipped is very sensitive and much better than any others we have ever handled. Enclosed find order for three more."

Seattle, Wash., 11/15/15.

"Your AudioTron has been tested and is the best bulb I have ever used regardless of make or price. The strength of signal from spark stations was from 50 per cent to 150 per cent stronger than on the other bulbs. As an amplifier of as an oscillator it is far ahead of everything else. The stability and strength of oscillation is greater and it operates with a minimum of secondary inductance much lower than other bulbs. Using only one bulb, loud day signals were received from WSL, WGG, NAA, NAT, NBA, KHX and many nearer stations. Night signals include POZ and OUI."

Scranton, Pa., 11/19/15.

"I cannot say too much in favor of the AudioTron since the results which it gave were far better than any I have ever been able to secure by the use of an —— bulb. As an example of its sensitiveness and oscillating powers, I will say that by using the bulb alone, I can receive OUI (Ellvese) very clearly in daylight. My aerial is only 200 feet long. I can hear a spark station KET (Bolinas, Cal.) between 5 o'clock and 7:30 p. m."

Denver, Colo., 11/3/15.

"Your AudioTron beats anything I have ever used. Can hear distant stations I could not get with other bulbs. Can hear NAA with the receivers three feet away, while NPL comes in with a roar. Also get NAA when he sends at noon time and can hear and read Frisco Federal working with Los Angeles."