

## Tube Of The Month

### **50T/100T**

With the great success of Eimac's 150T in 1934, a smaller version was soon introduced. It was called the 50T. Like its bigger brother, it was renamed after it was discovered that it was highly under rated and became the 100T. Two versions of the tube were made. The "LO" mu version was similar to the old 50T and a new tube with a higher mu was called the "HI". The "HI" and "LO" were marked in ink on the filament stem. There was much confusion with this marking system and about 1938 the tubes became the 100TH and 100TL. At 1KW input, a pair of 100TH tubes would get white hot and keep working. This impressed the ham community and the new tubes were a big success. The military in WWII also widely used the 100TH. In 1939, the Navy wanted a tube to power their first RADAR. A special tube was made called the 100TS, which was a 100TL with two plate and two grid stems exiting the sides of the envelope.

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