

OPERATING INSTRUCTIONS FOR ARISTROL FREQUENCY METER

The ARISTROL Frequency Meter is designed (1) To indicate the correct operating frequency of your transmitter of 27.255 Megacycles. (2) It will also indicate the power output of your transmitter. The brighter the bulb glows the more output your transmitter is radiating.

To operate, turn on your transmitter and hold Frequency Meter near the end of the tank coil. The coil (visible copper circuit) of the Frequency Meter should be in the same plane as the tank coil windings. Hold meter about 3 or 4 inches away and gradually bring meter closer to the tank coil windings until a reasonable glow is seen. If the bulb glows it shows that your transmitter is on the correct frequency. If the bulb does not glow refer to your transmitter manufacturers service manual for proper tuning procedure. DO NOT hold meter directly against end of tank coil, as this may detune the tank circuit a bit and your meter will not indicate correctly.

The light bulb supplied will show maximum sensitivity and a power indication of approximately $1/2$ to $1\ 1/4$ watts.

If yours is a custom made transmitter, and is supposed to have more than $1\ 1/4$ watt output, change the bulb for a #47 with a brown ceramic bead filament support. Its made by Westinghouse or G. E. and is obtainable, as is the one in the meter now, at any hardware store. This bulb will handle up to $2\ 1/2$ watts of power.

ARISTOCRAFT MINIATURES
NEWARK 5, N.J.
Made in U. S. A.