

Unknown
miniature
transmitter
Country of origin:
(Probably) USA

Remarks

This hitherto unknown miniature crystal-controlled CW shortwave transmitter used two miniature battery valves. The transmitter was constructed on a Paxolin board that slid into a commercial leather with a felt-padded transit case, connected by a multi-core cable and plug to a socket on a sheet metal battery box containing commercial filament and 45V HT batteries. The Morse key was believed to be connected to a fixed cable, which was, along with the battery cable and plug, stowed on top of the front panel when not in use. Nothing is known about the builder and organization, so it is difficult to confirm whether this transmitter was built by a ham radio amateur, or even a fake. It seems unlikely that it was made for agents. All the components were of USA manufacture.

DATA SUMMARY

Design/Manufacturer: Unknown, believed in USA.
Year of use: Post WW2.
Purpose: Not known. Info requested.
Power Supply: 1½V LT and 45V HT dry batteries.
Transmitter:
Circuit features: Crystal oscillator, RF amplifier, CW only.
Frequency range: Not known, probably the 7MHz band, considering the 7150 kHz crystal.
 Tuning was accomplished on the maximum brightness of a small bulb fitted on the front panel.
Size (cm): height length width
 Transmitter 5 12 5
 Battery box 4 13 11
Accessories: Morse key, spare valves and bulb, aerial and earth wire. Probably spare batteries.



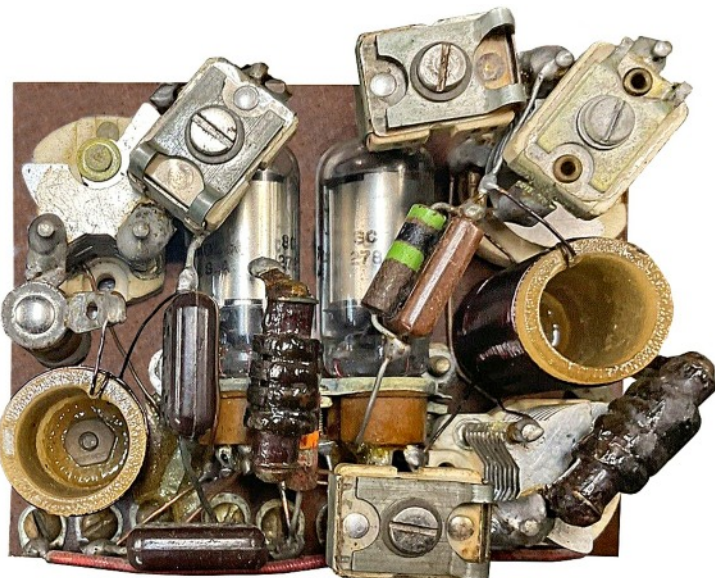
Transmitter and battery box ready for transport.

References

- Photographs and information courtesy Reinhard, Germany.



Transmitter top view showing controls and connections.



Bottom view of transmitter.