



Vanity case agents set

Country of origin: Czechoslovakia

DATA SUMMARY

Organisation: Not yet known.

Design/Manufacturer: Unknown.

Year of Introduction: 1950s.

Purpose: Agents.

Receiver:

Circuit features: TRF with reaction, AF output.

Frequency coverage: 4-14MHz in two ranges.

Valves: 6AK5. (2x).

Transmitter:

Circuit features: Believed Crystal oscillator/RF power amplifier. CW only.

Frequency coverage: Not known.

Valve(s): Unknown.

Aerial: Separate transmitter and receiver aerial.

Power supply: Power was most possibly taken from the AF output valve socket (with valve removed) of a broadcast receiver via a special cable. See also supplements 26, 79-81 and 147.

Size (cm): Height 7½, length 29, width 22. (Estimated)

Accessories: Headphones, Morse key, crystals, aerial leads, power cable to broadcast receiver.

REMARKS

A large size ladies vanity case was used as a container to conceal a miniature agents short wave transmitter and receiver. Access to the set was provided by opening the lid with mirror, and lifting the top of the contents insert.

Located on each side of the long hollow space were the separate receiver and transmitter. The transmitter crystal holder, Morse key socket and 7-point power socket were on small panels hidden at each side of the smaller hollow spaces.

The mechanical and electrical construction, and finish of the set, was of a high standard made by craftsmen in a well equipped workshop.

No further technical details and the deployment of this set is known.

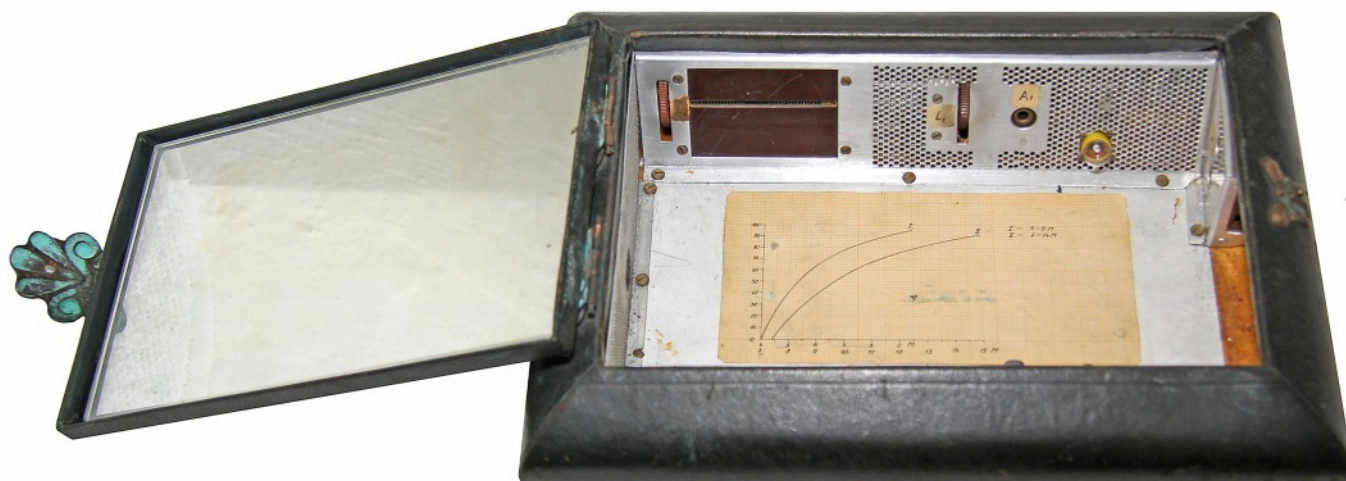
This remarkable agents set, of which probably not many were produced, was until recently on display in the Czech Police museum in Prague.



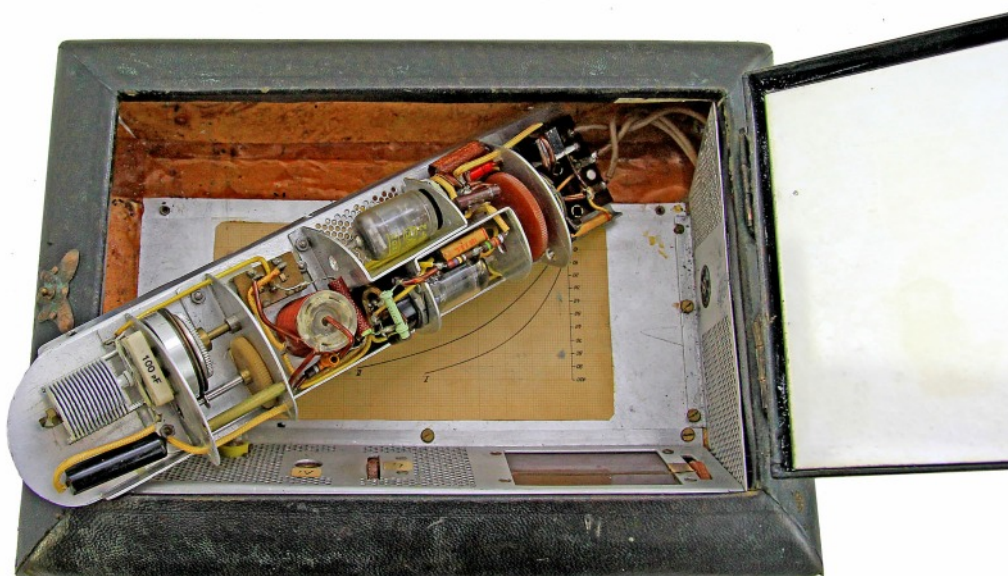
Lid with mirror of the vanity case opened showing an innocent contents.



General view of transmitter and receiver with contents insert lifted.

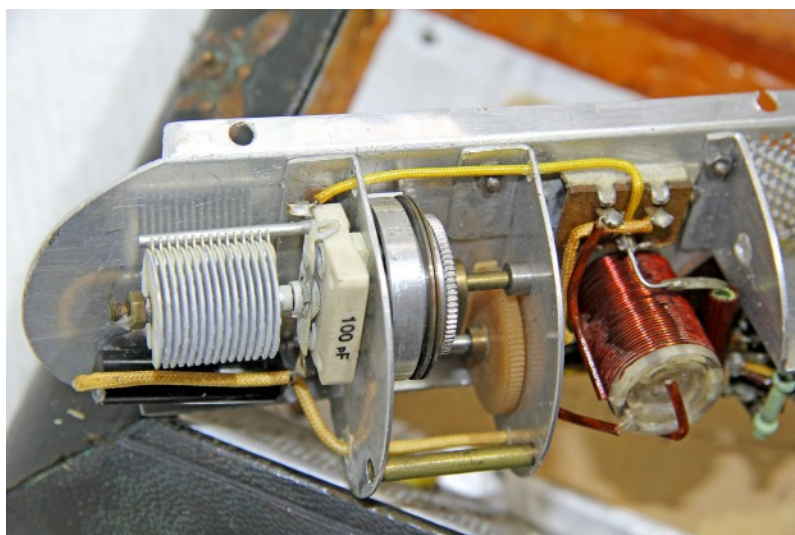


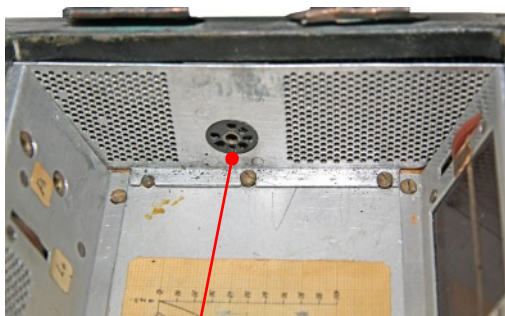
Vanity case agents set opened with view of the transmitter front panel and receiver tuning calibration curves. Note the crystal and Morse key sockets at a small panel the right hand side.



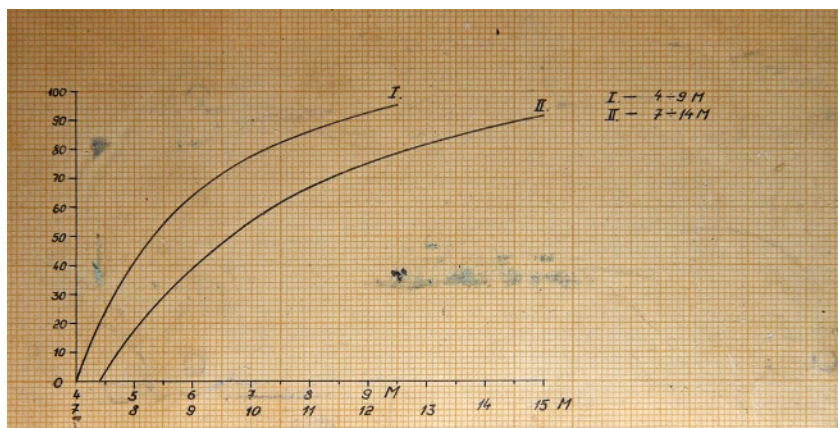
Receiver section detached from vanity case showing tuning part and the two 6AK5 miniature valves.

Close up view of receiver section showing reduction gear with dial drum, tuning capacitor and coil.

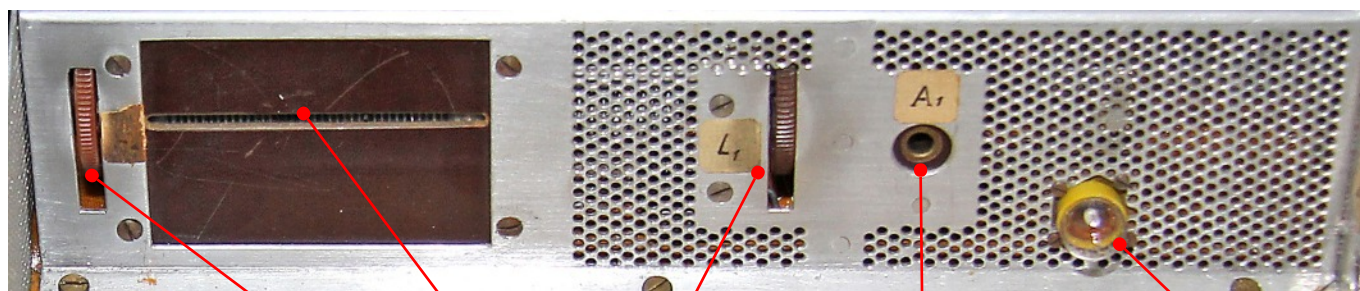




7-point B7G socket connecting the set to the power supply.



Receiver tuning calibration curves.



Transmitter section

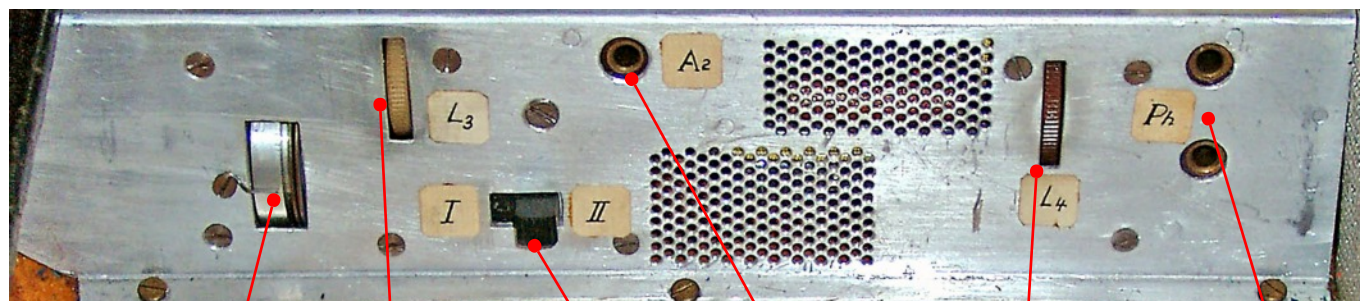
Aerial tuning control

Aerial loading coil

RF PA tuning

Aerial socket

Aerial tuning lamp



Receiver section

Tuning dial

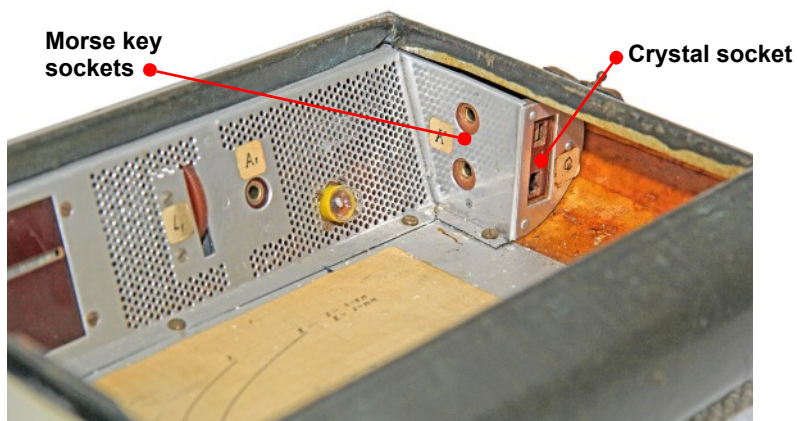
Tuning control

Range switch

Aerial socket

Volume/reaction control

Headphone sockets



Morse key sockets

Crystal socket

References:

- Photographs taken by the Police Museum in Prague, permission to publish courtesy Mr. Kopecký.
- With thanks to Jan Lexa, Czech Republic.