

Neptun II Country of origin: Czechoslovakia

DATA SUMMARY

Organisation: ŠTB - Štátna bezpečnosť (Secret State Police) and Správa 1 - rozviedka (Government, Department 1, espionage).

Design/Manufacturer: Správa 6 - spojovacia technika (Government, Department 6, communication technics).

Year of Introduction: Late 1960s.

Purpose: Agents.

Transmitter:

Circuit Features: CO, RF power amplifier. (CW only, F1 -500Hz shift keying-).

Frequency Coverage: 3-12MHz in two ranges.

RF output: 1W.

Transistor types: Unknown imported silicon types.

Power Supply: Dry battery 27V (6x 4½V).

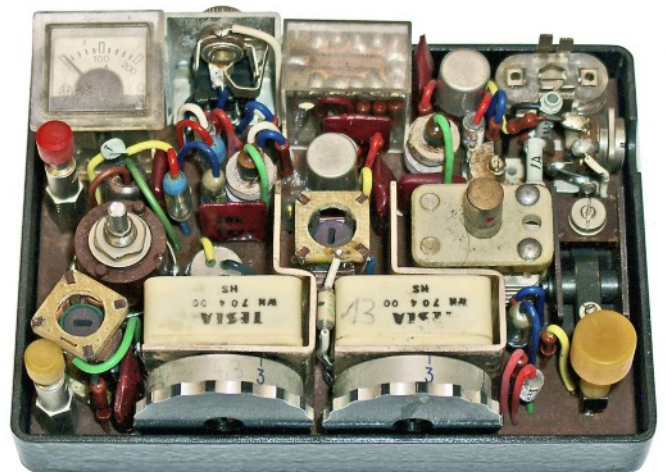
Size (cm): Height 4, Length 10, Width 8, Weight 0.3kg

Accessories: Elbug type 'Pivoňka' (Peony, after the name of the designer), aerial wire, metal box for 18 crystals, earpiece for hearing side tone of elbug keyer.

REMARKS

The Neptun II was a fully transistorised transmitter replacing the earlier Neptun which had approximate the same operational features. The Neptun II was produced in the late 1960s in Czechoslovakia by Správa 6 - spojovacia technika 1, as project number TI 530. It used HC6/U crystals and a different (FSK) method of keying. Issued was the same elbug as used with the Neptun. For emergency a built-in miniature hand-speed Morse key was provided, located in the right hand corner of the front panel.

The set was powered by six 4½V flashlight batteries, connected in series.



Internal view of the Neptun II transmitter. Note the miniature Morse key located in the right hand bottom corner.



General view of Neptun II station: crystal boxes, Neptun II and Pivoňka' elbug Morse key.

References:

- Photograph and general (technical) information was kindly provided by Miro Hornik, OM3CU, Slovak Republic.
- More information on Miro's website: www.om3cu.sk
- Colour photos taken by Detlev Vreisleven, Germany