



Dunaj B Country of origin: Czechoslovakia

DATA SUMMARY

Organisation: ŠTB - Štátna bezpečnosť (Secret State Police) and Správa 2 - kontrarozvedka (Government, Department 2, counter-espionage).

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

Year of Introduction: 1987.

Purpose: Receiver for reception of spy bugs.

Receiver:

Circuit features: RF Amp, Mix, Osc, 1st IF, 2nd Mix, CO 48.5MHz, 2nd IF, Discr, AF. (Wide band FM)

Frequency Coverage: 344-364MHz.

Intermediate Frequency: 37.8MHz and 10.7MHz.

Sensitivity: 1.5uV.

Transistor types: Si transistors, varicaps and ICs.

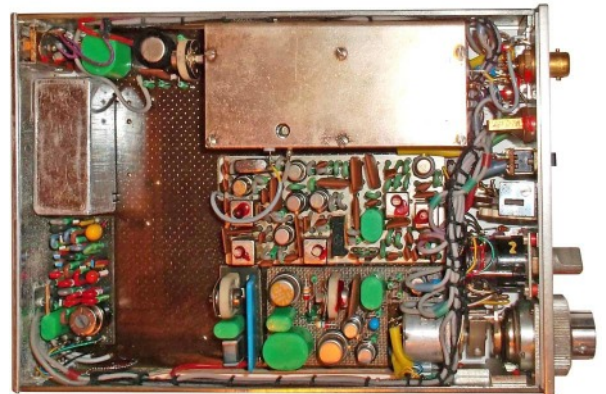
Power Supply: AC mains 120/220V, 50Hz or battery pack.

Size (cm): Height 3, Length 20, Width 11.

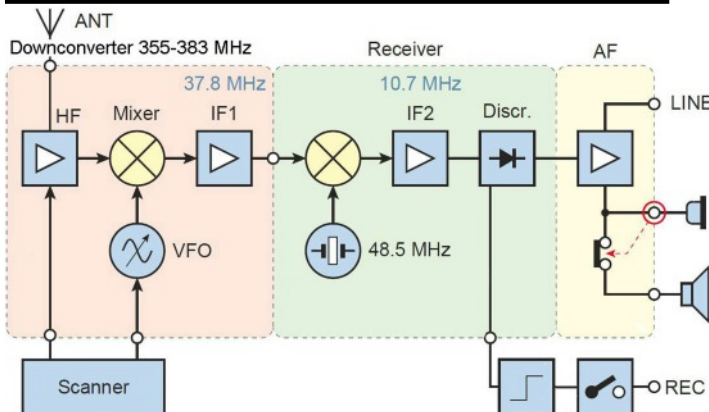
Accessories: AC mains lead, mains power pack, external DC power cable, earphone, aerial, cable for tape recorder, battery packs.

REMARKS

Dunaj B (Slovak name for the river Danube) was a receiver for reception and recording of conversations picked up by covert radio transmitters placed at hidden locations. The receiver was developed and produced as project number TI 700 by Správa 6 - spojovacia technika 1 as a replacement for the Bodrog B. The basic design of the Bodrog receiver was followed, manual tuning and scanning was by means of varicaps. The descrambler was omitted. A VHF variant was the Dunaj A which was principally similar to Dunaj B differing only in a VHF version of down converter.



Top view of Dunaj B receiver with cover removed. The down converter was located under the screened compartment on top right of the main chassis.



Block diagram of Dunaj B receiver.

Mains power pack with cover removed, and battery pack of Dunaj B. (Right)

Noted is the use of a more simple design of mains power unit.



View of Dunaj B spy bug receiver and accessories packed in transit carton.

References:

- Photographs, scans and general (technical) information was kindly provided by Miro Hornik, OM3CU, Slovak Republic.
- More information on Miro's website: www.om3cu.sk
- Block diagram courtesy Crypto Museum, Holland.