

Filin
Country of origin:
Russia

Corrections to the 'USSR Intercept' section in the 'RDF equipment' Chapter of WftW Volume 4:
 - The 'VHF model' is now identified as **Filin A**.
 - As opposed to written in the 'Remarks', all described models had DF facility.

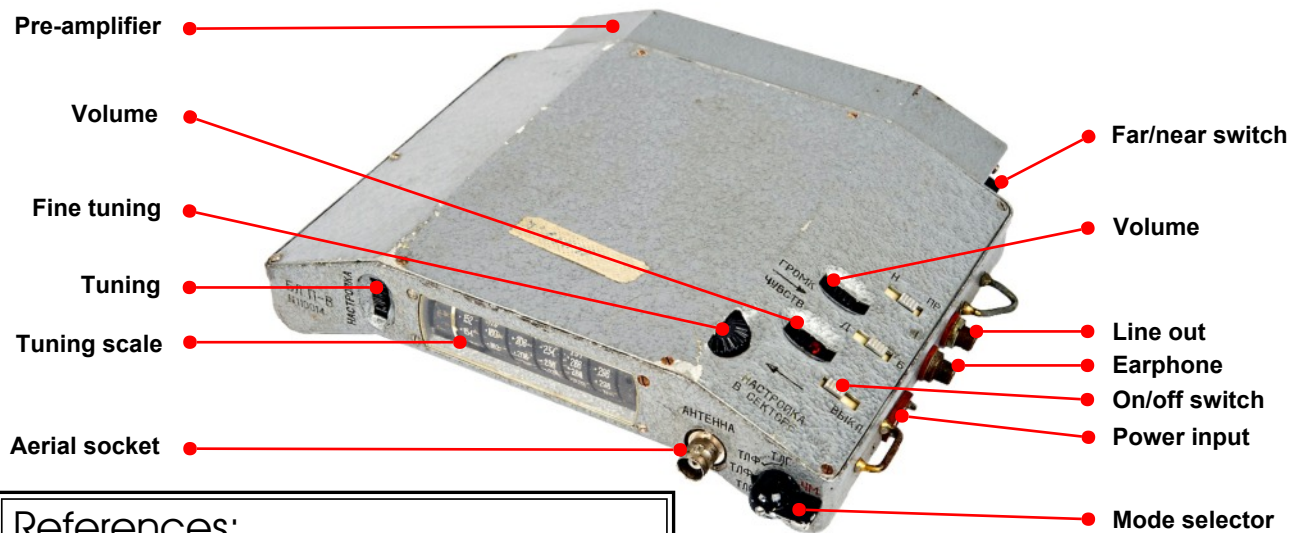
DATA SUMMARY

Organisation: Warsaw Pact countries Secret State Police and counter-espionage.
Design/Manufacturer: Russia.
Year of Introduction: About 1970.
Purpose: Portable interception and DF receiver.
Receiver:
Frequency Coverage: Filin **A** (A) / 24-63 MHz;
 Filin **B** (Б) / 60-150 MHz; Filin **V** (В) / 148-308 MHz.
Power Supply: 12V DC nominal. Dry or rechargeable batteries, or via a 12/24V vehicle battery adapter.
Weight: Set only: 1.9kg; complete in suitcase: 5.4kg.
Accessories: See www.cryptomuseum.com

This Supplement chapter is a follow up and should be read in conjunction with the 'USSR Intercept' section in the 'RDF Equipment' Chapter of WftW Volume 4.

REMARKS

Filin (Russian: Филин, bird name for 'Owl') was a portable direction finder and intercept receiver, particularly used for close approximation of the location of agents transmitters. The unit was shaped to be worn on the chest by means of leather straps. The frequency readout was a helix type tuning scale. There were three versions of the Filin: A, B and V, principally only differing in frequency coverage. In the GDR (Germany East) an 2-stage RF amplifier was added to improve the reception of weak signals. This pre-amplifier was mounted to the bottom of the receiver.



References:

This chapter is an abridged version based on a full and very detailed account of the Filin described in www.cryptomuseum.com. For this reason no details of accessories, mechanical arrangements etc. of the receiver were provided in this chapter. Photos taken from a Filin held in the collection of the museum, and information from the website was published with kind permission of the Crypto Museum, Eindhoven, Holland.

Functions of Filin model 'V' controls.