



Kama variation 'A' single channel model. It is not certain that the volume control fitted in the place of the speaker socket was original.

Kama Country of origin: Russia

DATA SUMMARY

- Organisation:** KGB and possibly other organisations.
- Design/Manufacturer:** Russia.
- Year of Introduction:** About 1968.
- Purpose:** Covert surveillance operations, observations.
- Transmitter/Receiver:** No technical details known, 1 or 2 channels depending on model; VHF FM, believed operating in the 148-150MHz band.
- Power Supply:** Externally carried rechargeable battery.
- Accessories:** Battery pack, battery cable, remote control unit, flexible wire aerial, vibrator unit, covert speaker and covert microphone.

An overview of all currently known Russian covert VHF FM radios is provided in Appendix 3.

REMARKS

Kama (Russian=Kama, a river in West Central Russia), was a fully transistorised VHF FM transmitter-receiver. It was primarily developed for covert surveillance, observations and special operations, intended to be concealed under the clothing, worn on the on the chest carried in a bag or a cloth vest, hence its curved shape. The remote control unit cable was guided through one of the sleeves of the coat allowing full control of the Kama. It had an on/off switch, combined PTT and tone call button; the volume control and channel switch were located at the back. At least two variations of Kama were noted: variation 'A' having the control cable socket close to the battery socket, and the 'B' variation where this socket is near the edge. See drawings next page. Both variations had one and two channel models (Marked 'N2470 T 47/50' for the single channel model, and 'N007867 IK C9/16 IIK C9/19' for the two channel model in the photographs in this chapter). These letters and numbers are believed to be the serial number, organisation-group and channel numbers. (See Appendix 3 for more details.)



Kama variation 'A' single channel model in a canvas carrying bag, worn on the chest.

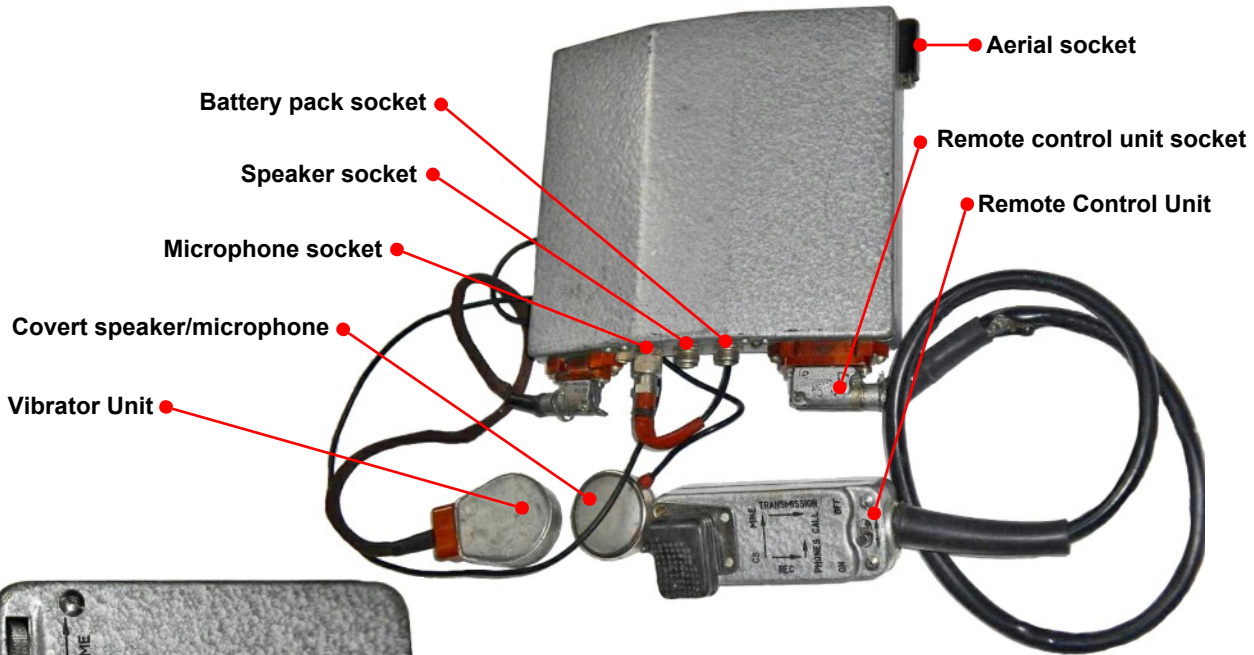


Kama variation 'A' two channel model.

References:

This chapter is based on information provided by the Crypto Museum (www.cryptomuseum.com) and photos derived from the Internet for which confirmation of the correct source not yet has been received at the time of publication.

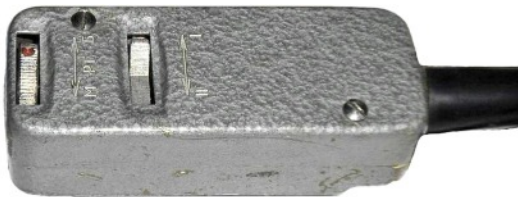
© This WfW Volume 4 Amendment is a download from www.wftw.nl. It may be freely copied and distributed, but only in the current form.



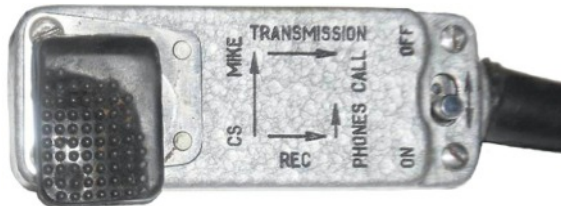
Kama variation 'B' with remote control unit, covert speaker/microphone and vibrator. (Less externally carried power pack and flexible wire aerial) The speaker/microphone and remote control unit were similar to those used with other covert VHF FM radios (Neva, Anker and Alycha) and possibly others.



Back view of single channel remote control unit used with Kama 1 channel model.



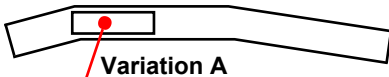
Back view of the remote control unit for the 2 channel model showing volume control and channel switch.



Close-up top view of the remote control unit. Note English text of the inscriptions of the controls.

Identification of A and B variation.

Noticeable differences between the A and B variation were the shape of the Kama transmitter-receiver unit, and the position of the remote control unit socket on the front panel. (See drawings below) Internally the size and position of the hermetically sealed unit differed.



Variation A



Variation B



Internal view of Kama two channel variation 'A' with top cover detached.



Internal view of Kama single channel variation 'B'.

© This WftW Volume 4 Amendment is a download from www.wftw.nl. It may be freely copied and distributed, but only in the current form.