#### Wireless for the Warrior - Volume 4

# Supplement Chap. 196 - 1



R-352 Country of origin: Russia

## **DATA SUMMARY**

Design/Manufacturer: Russia.

Year of Introduction: Estimated early 1970s.

Purpose: Special forces, border troops, reconnaisance.

Transmitter/receiver:

**Frequency coverage:** Three crystal controlled channels in the range 44-50.3MHz. FM voice. Channel spacing

300kHz

**Receiver:** Sensitivity 2 μV, IF 1.880kHz. **Transmitter:** Receiver oscillator + 1.880Khz.

RF output: 0.8W. Freq. Deviation: ±8kHz.

**Specified range:** 5km with Kulikov aerial.

**Aerial:** Kulikov, counterpoise and long wire aerial. **Power Supply:** 2x Silver-zinc rechargeable batteries type

SZD-12, 1.5V at 12Ah.

Size (cm): Height 19, length 10.55, width 22

Weight: 3kg.

**Accessories:** Cheek microphone with single headphone assembly, Kulikov aerial, counterpoise, carrying bag.

Side view of parent set, R-126, with opened protective cap. Note tuning control and frequency dial with a lens.

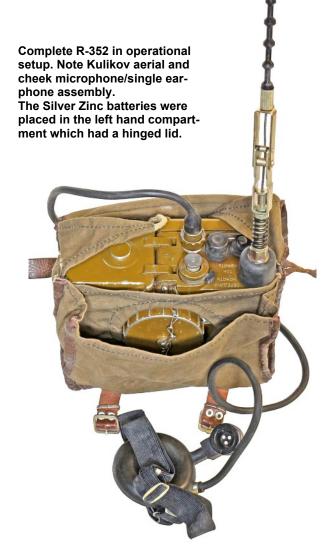
## References:

 'Nachrichentechnik der Nationalen Volksarmee, Teil 2', Günther Fietsch, DL9WSM, ISBN 3881803408, 1996.

#### **REMARKS**

Radio station R-352 (Russian Сокол = Sokol, translated to Falcon, a bird of prey) was a fully transistorised VHF FM transceiver. It was primarily developed for special forces, e.g. KGB front reconnaissance (Razvedgrupp), and para's. The radio was based on the R-126 which at first glance looks identical. Main differences were three crystal controlled channels, whereas the R-126 had continuous tuning.

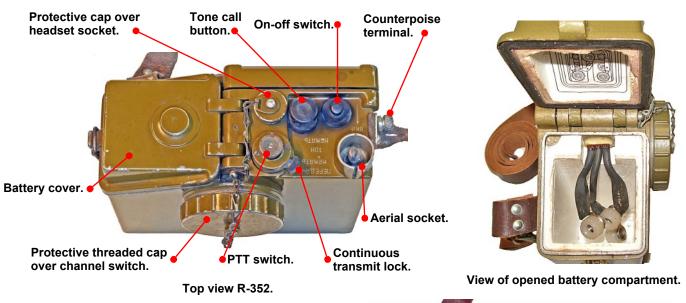
The R-352 was replaced in the 1980's by the R-392 and R-392-A (Sokol-M).



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### Wireless for the Warrior - Volume 4

# **Supplement Chap. 196 - 2**

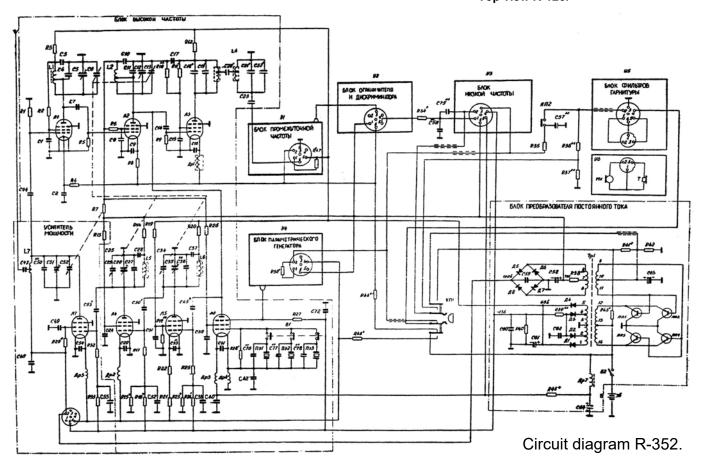




Internal view R-352 showing hermetically sealed modules.



Top view R-126.



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