

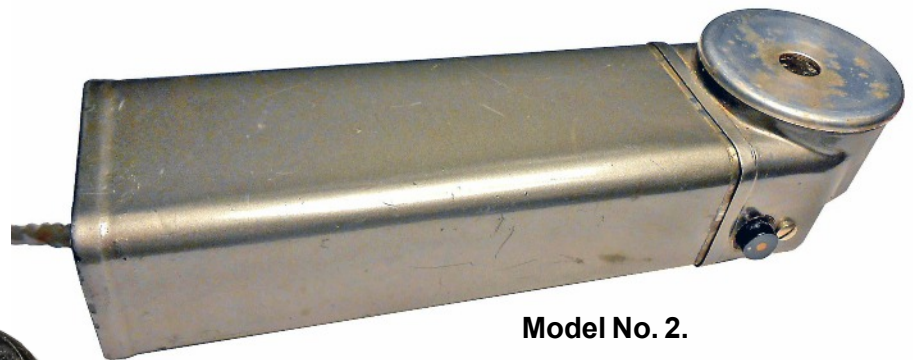
'Swedish VHF' (Mystery 1)

Date of issue: Sept. 2023.

After publishing over 340 supplements for Wireless for the Warrior Volume 2, the amount of source material gradually dried up. Interesting but unrelated material, which falls outside the scope of the WFTW website, will now be published in a new series titled 'Various'.



Model No. 1.



Model No. 2.

'Swedish VHF'
Country of origin: Sweden

REMARKS

Photographs taken by Kåre Wallmann from Sweden of two very peculiarly shaped commercial miniature transceivers were received quite a few years ago, along with a question to identify them. In spite of all efforts, no trace of the designer/maker or purpose has been found, apart from their resemblance to a 'handset' used with a Russian O2R2 transceiver, which was described earlier in WftW Supplement Chapter 199.

As no replies were received in response to an appeal for help, this topic fell into oblivion as it had no direct connection with the main WftW theme. When starting the WftW 'Various' series, which covers topics not directly within the scope of WftW, these little transceivers were added to the prospective list of future chapters in this new series. Since no type number or maker was known, the transceivers were given the provisional names 'Swedish VHF' Model No. 1 and 2, with the addition of 'Mystery 1'. Both models were self-contained, comprising the actual miniature transceiver with a built-in speaker/microphone and a push-to-talk button, along with a separately carried battery container. The construction of both models, believed to be prototypes, looks professionally made in a well-equipped (mechanical) workshop. There is no information in the photos about the location of the transmit-receive button on Model No. 1. Electrically, the design was already antiquated, with its super-regenerative detector and RF stage in the receiver, and a free-running oscillator in the transmitter of Model No. 1. Model No. 2 had a crystal-controlled transmitter but still featured a super-regenerative detector.

DATA SUMMARY

Organisation: Unknown.**Manufacturer:** Unknown possibly Swedish maker.**Year of Introduction:** Mid 1950s.**Purpose:** Believed short range communication for guards and security.**Model No. 1:****Receiver:** Superregenerative with RF stage.**Transmitter:** Free running oscillator.**Modulation:** Amplitude modulation.**Frequency:** Unknown, estimated 40MHz.**Valves:** DCC90 (2x) and DF90.**Model No. 2:****Receiver:** Superregenerative with RF stage.**Transmitter:** Crystal controlled.**Modulation:** Amplitude modulation.**Frequency:** Unknown, estimated 40MHz.**Valves:** DF70 (2x), DAF70, DL70 (4x).

Both models were pre-tuned on a fixed frequency.

Aerial: Unknown (BNC sockets on both models).**Power supply:** A separately carried battery pack connected via a short cable.

Size (cm estimated):	height	length	width
Model 1 (set only)	9	9	7
Model 2 (set only)	18	6	6

References

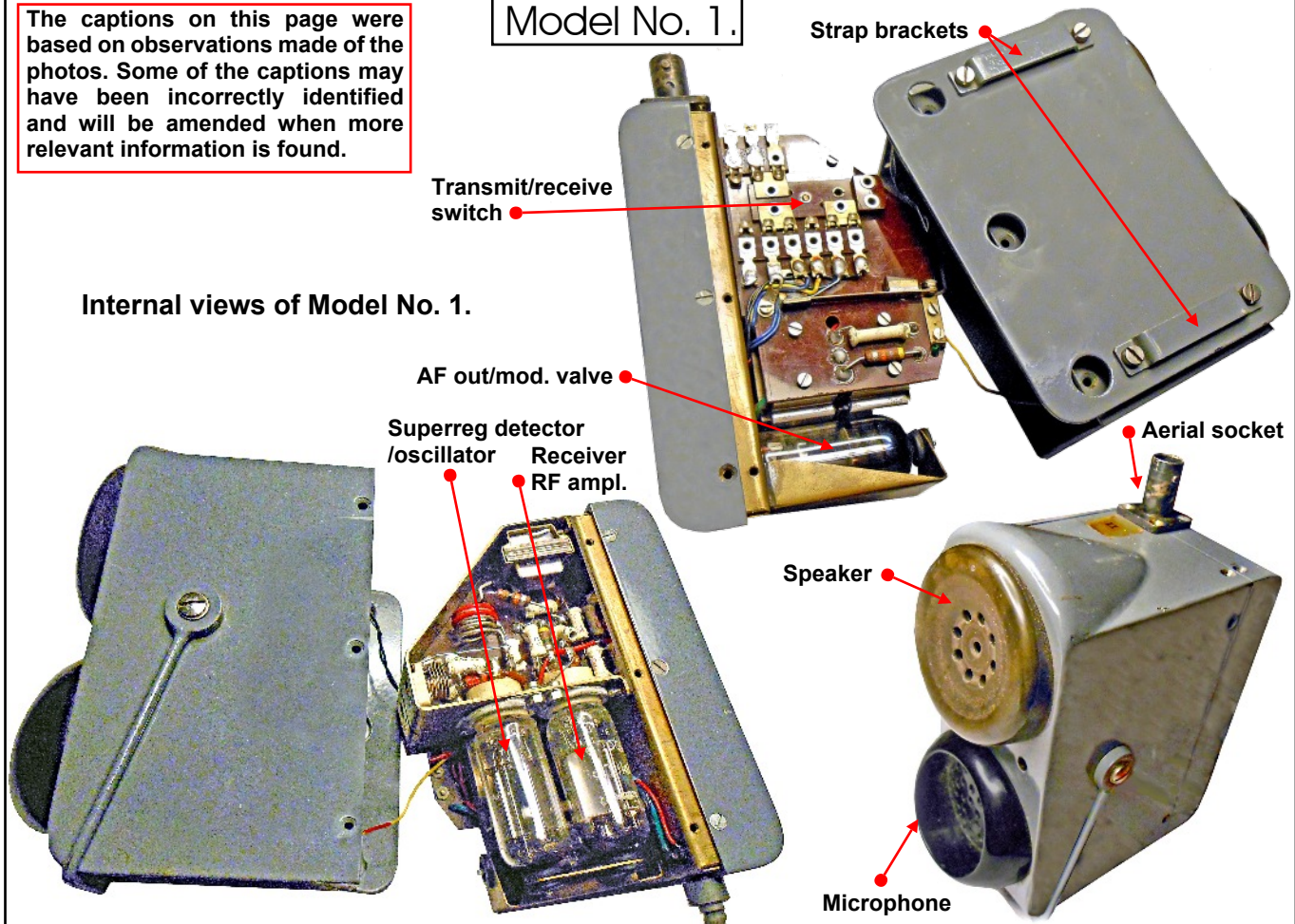
- Correspondence, photographs and information courtesy Kåre Wallman, Sweden.
- WftW Supplement Chapter 199, Russian O2R2, May 2018.



The handset used with the Russian O2R2 transceiver resembled the shape of the 'Swedish VHF No. 1'.

The captions on this page were based on observations made of the photos. Some of the captions may have been incorrectly identified and will be amended when more relevant information is found.

Model No. 1.



Model No. 2.

