#### Wireless for the Warrior - Volume 4

# **Supplement, Chap. 133** - 1



# RTP type 37 Country of origin: Probably UK

#### DATA SUMMARY

**Organisation:** Believed resistance and later UDBA. **Design/Manufacturer:** Probably Yugoslav government

in exile during WW2 in the UK.

Year of Introduction: Estimated late World War 2.

Purpose: Agents.

Receiver:

Circuit features: TRF with reaction control and

2xAF amplifier. AM R/T and CW. Frequency Coverage: 3.1-6.5MHz.

Aerial: 2-5m wire.

Transmitter:

Circuit features: CO/RF output amplifier. CW only.

Frequency Coverage: 3-8MHz.

Aerial: 10-20m wire.

Power Supply: 170-250V AC mains; 170-250V AC or

6V battery, depending on version.

Valves: 6AQ5 (transmitter); 6AU6, 6J6 (receiver); 6X4. Height Length Width Size (cm): Weight Transmitter/rec. 115 45 390 Power Unit 72 71 38 560 Accessories box 150 87 520 Accessories: See photo right and list on next page.



Power Unit version 2 was suitable to be powered from AC mains or a 6V accumulator. To avoid damage from wrong insertion, the socket not in use was blinded.

DC power socket above and AC power socket below.



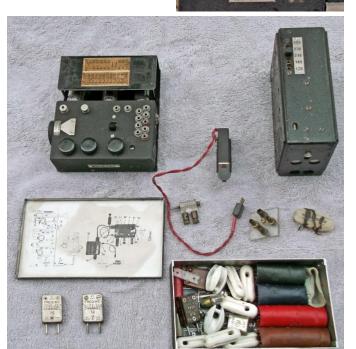
Overview of Radio station RTP type 37 with Power Unit version 2 and accessories in metal box. (Right)

#### Remarks

Radiostanice RTP tip 37 (Radiostation RTP type 37) was an agents set used in Yugoslavia. It was probably made in World War 2 by the Yugoslav government in exile for local communication\* by resistance groups in Yugoslavia and believed later by the UDBA.

\* Considering the relative low power of the transmitter it was unsuitable for reliable contact to London.

The type number plate on the actual transmitter receiver reads RT-3704, but in the user instructions only 'RTP type 37 was mentioned. (Right)



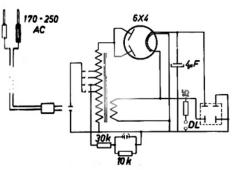
### References:

- Photographs, scans of the original operator instructions, and general technical information of a RTP type 37 held in the collection of the Museeradiomili was kindly provided by Patrick Giraud, F4SMX, France. (www.museeradiomili.com)

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

#### Wireless for the Warrior - Volume 4

# Supplement, Chap. 133 - 2



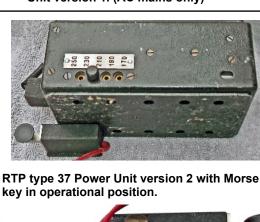
Circuit diagram of the RTP type 37 Power Unit version 1. (AC mains only)



Circuit diagram of the RTP type 37 transmitter-receiver

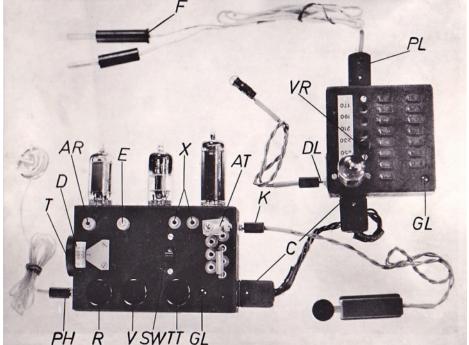
unit. The circuit resembles slightly the Mk.VII Paraset.

Internal view of RTP type 37 transmitter-receiver unit showing a very compact construction. Many individual components appeared to be of USA production.





Close-up of RTP type 37 Morse key.



- T Tuning control
- D Tuning dial
- AR Antenna receiver
- E Earth
- X Crystal
- AT Antenna tuning
- K Key plug
- C Connector set to power unit
- GL Indication lamp
- TT Transmitter tuning
- SW Receive/transmit switch
- V Volume
- R Regeneration
- PH Earphone plug
- DL Operator's lamp plug
- VR Mains input selector
- PL AC mains plug
- F Mains plugs
- GL Indication lamp

Layout of all components of Radiostation RTP type 37 and list with explanation of individual components. Note version 1 Power Unit.

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