## Wireless for the Warrior - Volume 4

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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. Size (cm): Height Length Width Weight Transmitter/rec. 115 45 390 71 Power Unit 72 71 38 560 Accessories box 150 87 36 520

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)

## 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)

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# Remarks

The type number plate on the

reads RT-3704, but in the user

instructions only 'RTP type 37'

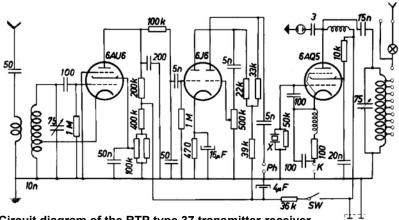
actual transmitter receiver

was mentioned. (Right)

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.

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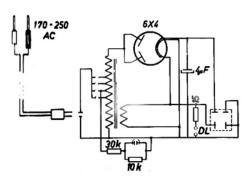


Circuit diagram of the RTP type 37 transmitter-receiver unit. The circuit resembles slightly the Mk.VII Paraset.

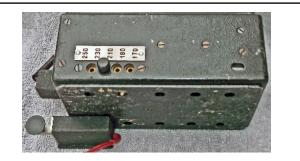


Internal view of RTP type 37 transmitter-receiver unit showing a very compact construction. Many individual components appeared to be of USA production.

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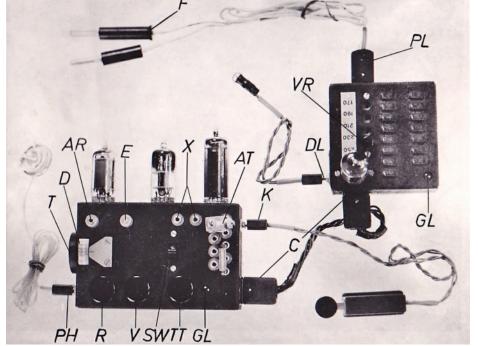
Circuit diagram of the RTP type 37 Power Unit version 1. (AC mains only)



RTP type 37 Power Unit version 2 with Morse key in operational position.



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
- K Key plugC 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.

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