



Transmitter 'Type 1' (left) and associated AC mains power unit. (right)

'Type 1-4' Country of origin: GDR

DATA SUMMARY

Organisation: HauptVerwaltung Aufklärung des MfS. (HVA Ministry of Security)
Design/Manufacturer: OTS/unknown.
Year of Introduction: Estimated mid/late 1950s.
Purpose: Agents short wave transmitter.
Power Supply: AC mains.

The transmitter designated in WftW Volume 4 as 'Type 4' was not made in the GDR but in fact a Czech agents transmitter of a yet unknown model.

This Supplement chapter is a follow up and should be read in conjunction with the 'Type 1-4' section in the 'Germany after 1945' chapter of WftW Volume 4 for more information with technical details including a circuit diagram of a 'Type 1'

REMARKS

When compiling Volume 4 'Clandestine Radio' in around 2003 not many details were known of four early produced miniature GDR agents transmitters and hence they were given the provisional names 'Type 1 to 4' for identifying only. Apart from a buried 'Type 1' in a waterproof container and excellent photos taken by Detlev Vreisleben no other new material could be unearthed (pun intended).



Internal view of the buried 'Type 1' transmitter. The crystal oscillator valve was a Russian type 6x1n, a near equivalent of a 6AK5 valve which was fitted in another surviving 'Type 1'.



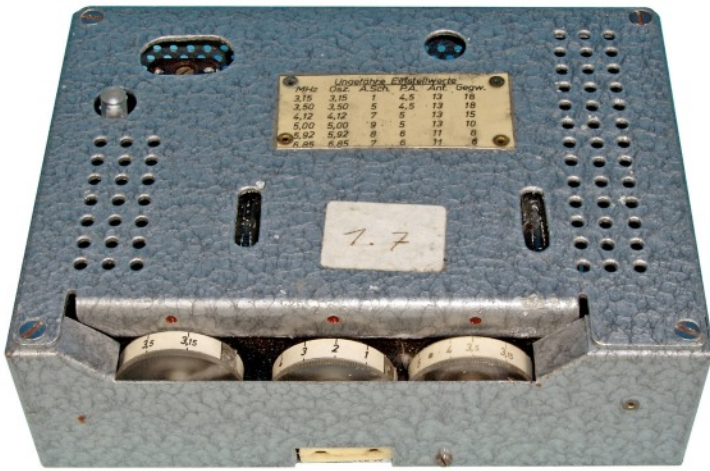
Internal view of 'Type 1' AC mains power supply unit.

References:

- Photographs and information of the buried 'Type 1' courtesy Nico van Dongen, Holland.
- Photos of 'Type 1-4' by Detlev Vreisleben, DC7KG, Germany.
- In spite of all efforts the source of the colour photo of a buried 'Type 4' on the next page could not be traced.



Metal container and complete 'Type 1' set which was found buried near Paderborn in Germany. One of the metal retaining clip plates of the container had been rusted away by which a minimum amount of moisture could enter.

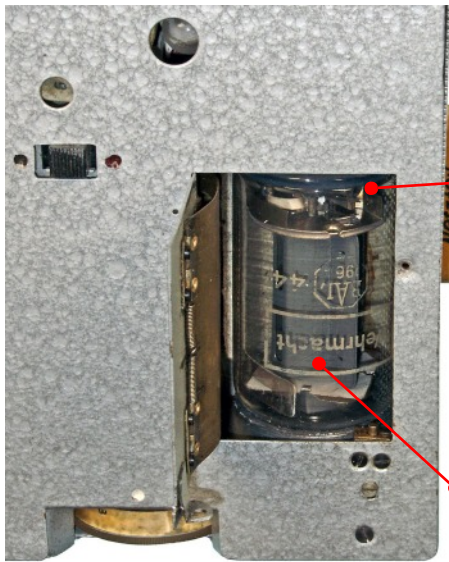


Transmitter 'Type 2' seen from the control panel side.

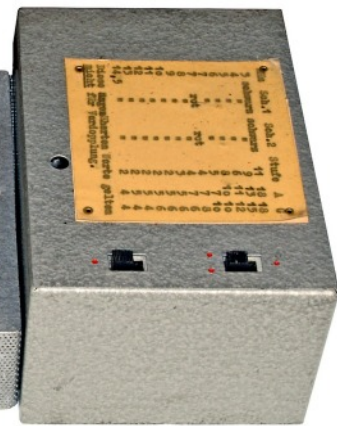
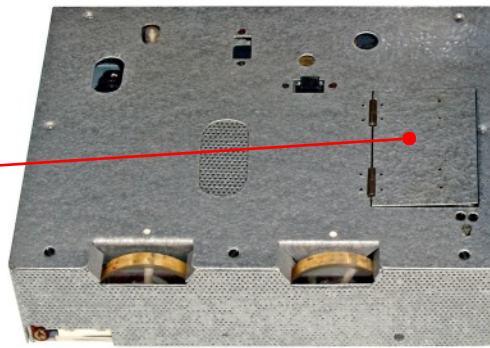


AC mains power unit issued with a 'Type 2' transmitter. Variations in construction of this unit are noted.

Type 2



The RF output amplifier valve in the 'Type 3' was a German WW2 Wehrmacht type RL12P50. See inset (left) showing this valve through the opened access door.



'Type 3' transmitter (left unit) plugged into its associated AC mains power unit (larger unit right).

Type 3



The 'Type 4' in this photo was found buried in a cache. Considering the absence of corrosion of the transmitter and other parts, it appeared to be well preserved. (Source of photo unknown).



Transmitter 'Type 4' was essentially a 'Type 2' with built-in AC mains power unit (right hand side with two switches) and a Handschnellgeber (See Chapter 98) fitted at the other side of the set.

Type 4