



WSA 6 transmitter 32212, (left) and associated high speed keyer 32843 (above).

WSA 6 Country of origin: GDR

DATA SUMMARY

Organisation: Hauptverwaltung Aufklärung des MfS. (HV A, Ministry of Security, GDR)

Design/Manufacturer: OTS.

Year of Introduction: Scheduled late 1980s, but never used in active service. Planned production was 290 units.

Purpose: Agents (HV A VIII), NVA reconnaissance.

Transmitter:

Frequency coverage: 4-18MHz in 1kHz steps.

RF output: 20W. FSK ± 300Hz shift at 900Bd.

A special code was used. It is recorded that five units were intended to be converted for Morse code operation. The memory had 1000 numerical characters, divided into 200 groups of five. Z-80 Microprocessor controlled.

Aerial: Umbrella aerial 32210-64. (See Chapter 100).

Power Supply: 12V DC.

Size (cm): Height 14.7, length 14.4, width 6.7.

This Supplement Chapter is a follow up and should be read in conjunction with the 'WSA 6' section in the 'Eastern Germany' Chapter of WftW Volume 4.

REMARKS

The WSA 6 (WSA = Weitverkehrs Send Anlage; *long distance transmitting system*), cover name 32212, was a miniature short wave transmitter for agents operating at a long distance from their base. It was a further development of the WSA 1 transmitter, covered in Chapter 58.

Development of the WSA 6 transmitter was completed in 1988 but it never came into operational use.

Two variations are noted: a compact variant fitted in a metal box (see photo on top left) and a six-module variant for covert installation (bottom left). It was normally used with high speed keyer 32843, described in Chapter 139.



The MEZ 12, cover name 32213, was part of the WSA 6 system at the base side, normally in combination with an EKD 300 receiver. (Above)



A waterproof metal container issued when the set was buried for later use. (Left)



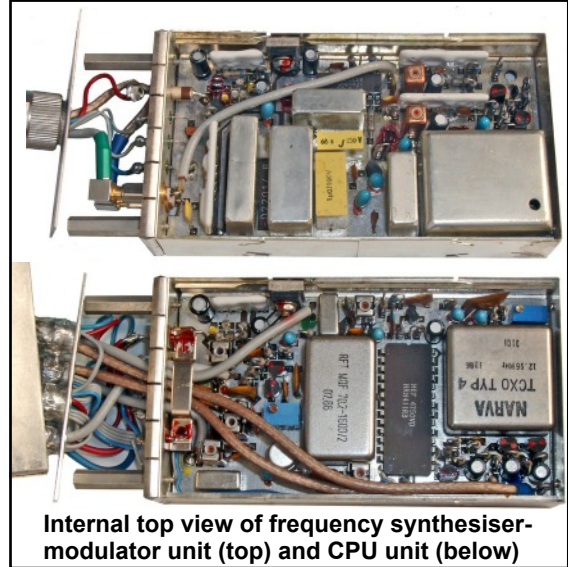
WSA 6 six-module variant for covert installation in e.g. a vehicle. A commercial Sharp PC 1600 (below) was used as control unit.

References:

- Photographs and detailed technical information courtesy Detlev Vreisleben, DC7KG, Germany.



WSA 6 transmitter and high speed keyer 32843 with complete 32210-64 umbrella aerial packed in a canvas cover. (Left)



Internal top view of frequency synthesiser-modulator unit (top) and CPU unit (below)

