



31212-2 Remote unit.

31212 (GDR bugs III) Country of origin: GDR

DATA SUMMARY

Organisation: MfS, Abt. 26, GDR.
Year of Introduction: Believed late 1960s.
Purpose: Remote operation of a 31210, 31215 or 31220 UHF FM receiver for reception of covert wireless bugs superposed on a normal telephone subscriber line.

References:

- With thanks to Detlev Vreisleben, DC7KG, Germany for taking excellent photographs and scans, and providing further technical and historical information.
- MfS document VWS-o35 MfS Nr. 1902/81, Feb. 1982.

REMARKS

The 31212 was a system for remote operation of a 31210, 31215 or 31220 UHF FM receiver used for reception of covert wireless bugs via a telephone line. The system comprised two units: local unit 31212-1 connecting the receiver to the line, and remote unit 31212-2. Audio from the receiver was modulated on a 50kHz carrier in the local unit and demodulated at the remote side in the remote unit. A 32kHz carrier, modulated with a variable AF tone (500-850Hz) from the remote unit tuned the receiver frequency via the local unit. The system operated superposed on a standard subscriber telephone line without causing any influence in telephone communication on the same line. Due to deterioration of certain components, the local units were replaced by 31212-12 in the early 1980's. The versatile 31215 remote control equipment eventually replaced all 31212 units.

31212-1 local unit which was connected to the receiver. The receiver audio was modulated on a 50kHz carrier and at the other side of the line demodulated by the remote unit 31212-2.

