

Tape punch & high speed keyer

Country of origin: USA

DATA SUMMARY

Organisation: CIA

Design/Manufacturer: USA manufacturer.

Year of Introduction: Around 1953.

Purpose: High speed Morse keyer for agents.

Size (cm): (Estimated) Height length width

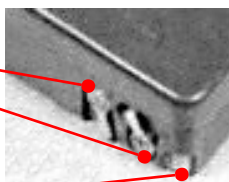
High speed keyer unit 5 9 11½

Tape punch unit 5 7½ 7½

Accessories: ¼ inch audio recording tape, cable to the transmitter key socket.

Located on the left hand side of the high speed keyer unit were two switches: (left) a high/low speed control switch and the motor on/off switch (right).

Located in the right hand corner was a socket connecting to the transmitter keying contact.

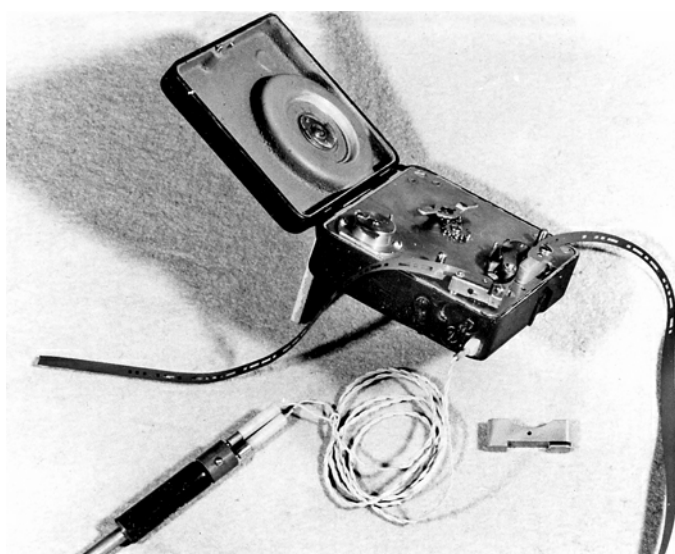


REMARKS

This hitherto not identified tape punch and high speed keyer, along with a RS-6 transmitter, was found in possession of an agent caught in the GDR. Both tape punch and keyer were hand operated without the use of electricity.

With the tape punch unit Morse coded characters were punched on standard ¼ inch audio recording tape. In addition to the usual numbers 0-9, featured on almost all other models, the letters of the alphabet and word spaces could be punched by means of a large revolving dial and a punch lever. Distance between characters was automatically arranged by the tape punch unit; group distance by rotating the dial to 'word space'.

The high speed keyer unit was powered by a small spring operated motor. This was wind up by a turning crank, located on the top cover of the keyer when the keyer was closed, or with a separate key inside the unit when the keyer was opened for use. A switch at the side allowed to send 60 groups per minute in high speed and 20 groups per minute when in low position.



High speed keyer with prepared tape in position. Note the connection cable to the transmitter with modified jack plug.



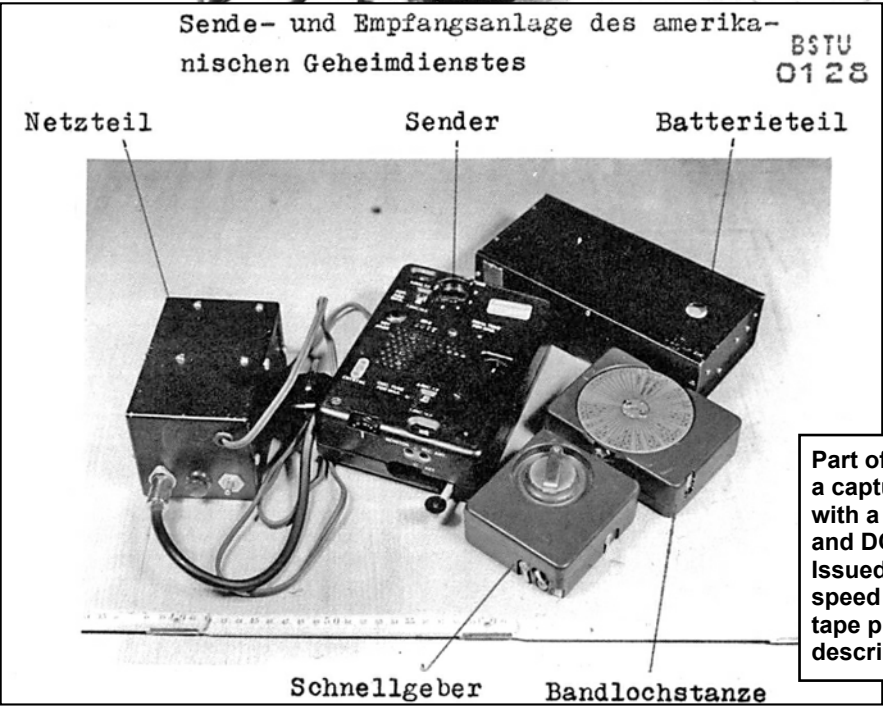
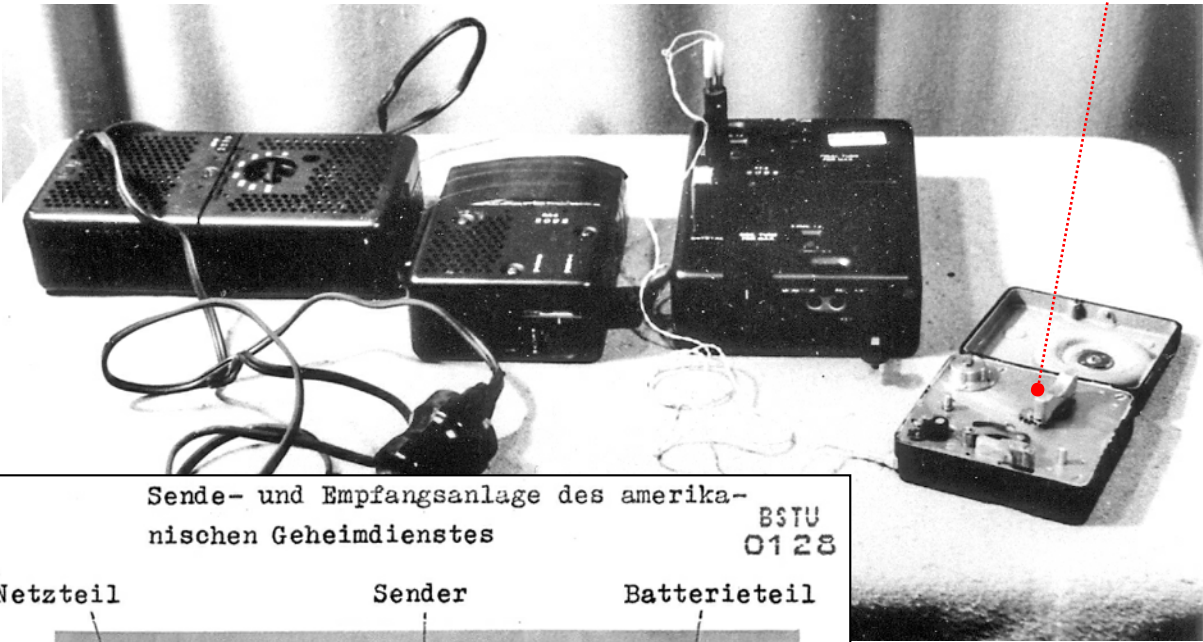
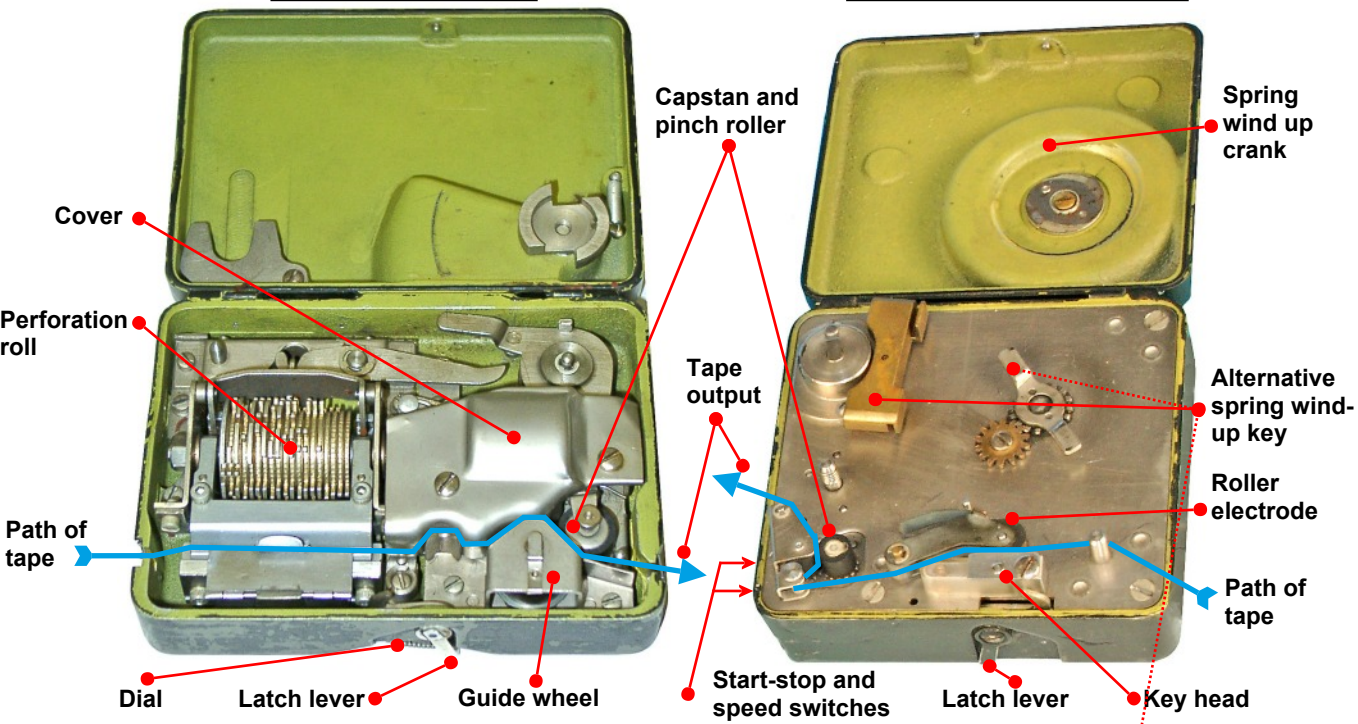
A principally similar hand operated tape puncher, made in the GDR, was also based on the use of audio recording tape. It was only suitable for punching Morse code numbers 0-9. See Chapter 98 'Handscheilgeber'.

References:

- Photographs courtesy Detlev Vreisleben, DC7KG, Germany.

Tape punch unit.

High speed keyer unit.



High speed keyer used with an RS-6 agents transmitter-receiver: Power Supply RP-6 (left), filter accessory unit RA-6 (centre) and transmitter RT-6 (right). During actual operating the lid of the high speed keyer unit was opened as shown here.

Part of a Stazi MfS Abt.II data sheet of a captured RS-6 agents transmitter with a different type of mains (*Netzteil*) and DC power unit (*Batterieteil*). Issued with this station was a high speed keyer unit (*Schnellgeber*) and tape punch unit (*Bandlochstanze*) as described in this chapter.