

M-135P explanation of components: a = Transmitter-receiver, b = AC mains power pack, c = Accumulator pack, d = Spool of aerial wire, e = High speed Morse encoder/keyer and connector, f = AC mains battery charger.

M-135P Country of origin: Poland

DATA SUMMARY

Design/Manufacturer: Experimental Department at the Military Institute of Communications, Warsaw.

Year of Introduction: 1979.

Purpose: Believed military intelligence, agents.

Frequency coverage: 3-18MHz in 1kHz steps.

Transmitter: CW only. Hand keyed or high speed keyer.

Receiver: CW, USB and AM.

Aerials: Wire and counterpoise.

Power Supply: 12V accumulator with AC mains charger, AC mains power unit.

Dimensions (cm): (an estimate of set only).
Height 8, length 18, width 26.

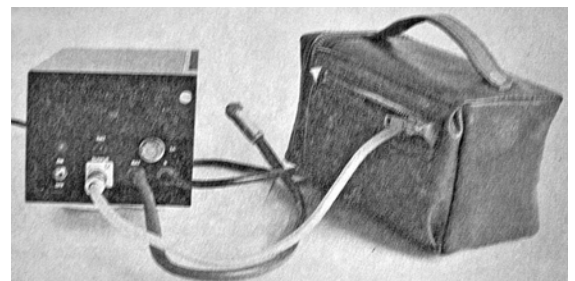
Accessories:

Trans/rec. PTR135P9109.	Fuse. 5x
Headphones.	Power cable.
AC power unit.	Cover.
CW key.	Cassette.
Tuning Table.	Recorder connector
Set of aerials.	Accumulator pack.
Electronic recorder PME135P910A and B	Battery charger.

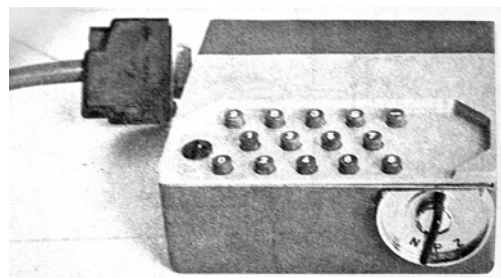
REMARKS

Radiostacja krótkofalowa (Shortwave radio set) M-135P was a fully transistorised miniature transceiver developed and produced in Poland, believed for military intelligence and agents.

The combined receiver and transmitter covered 3-18MHz in 1kHz steps. The CW transmitter could be hand keyed, or via an external high speed Morse keyer. The difference between the A and B version of the PME125P encoder/keyer was not clarified at the time of preparation of this Chapter.



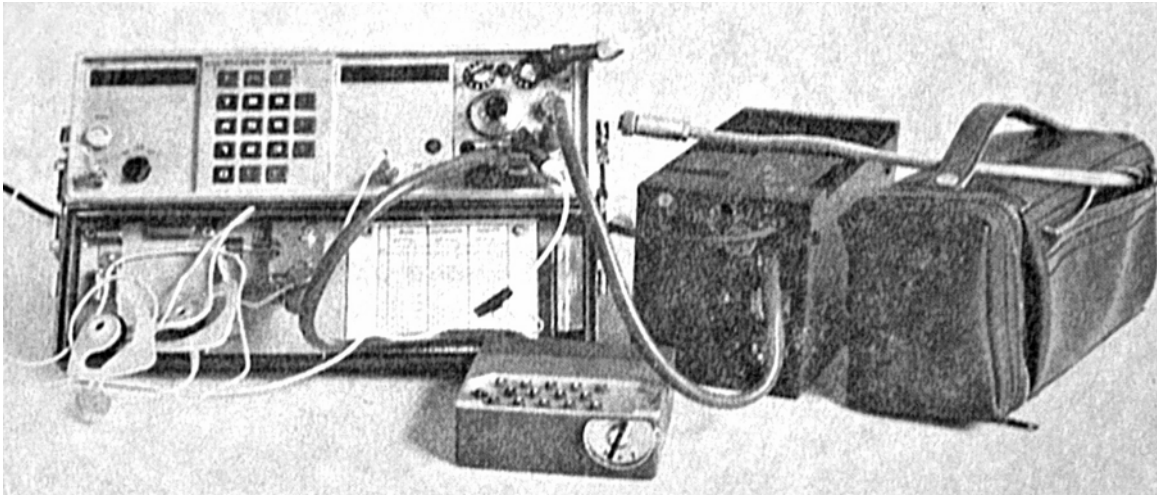
AC mains power supply unit (left) and rechargeable NiCad accumulator pack for the M-135P.



Detail view of the associated encoder/high speed keyer PME135P910A.

References:

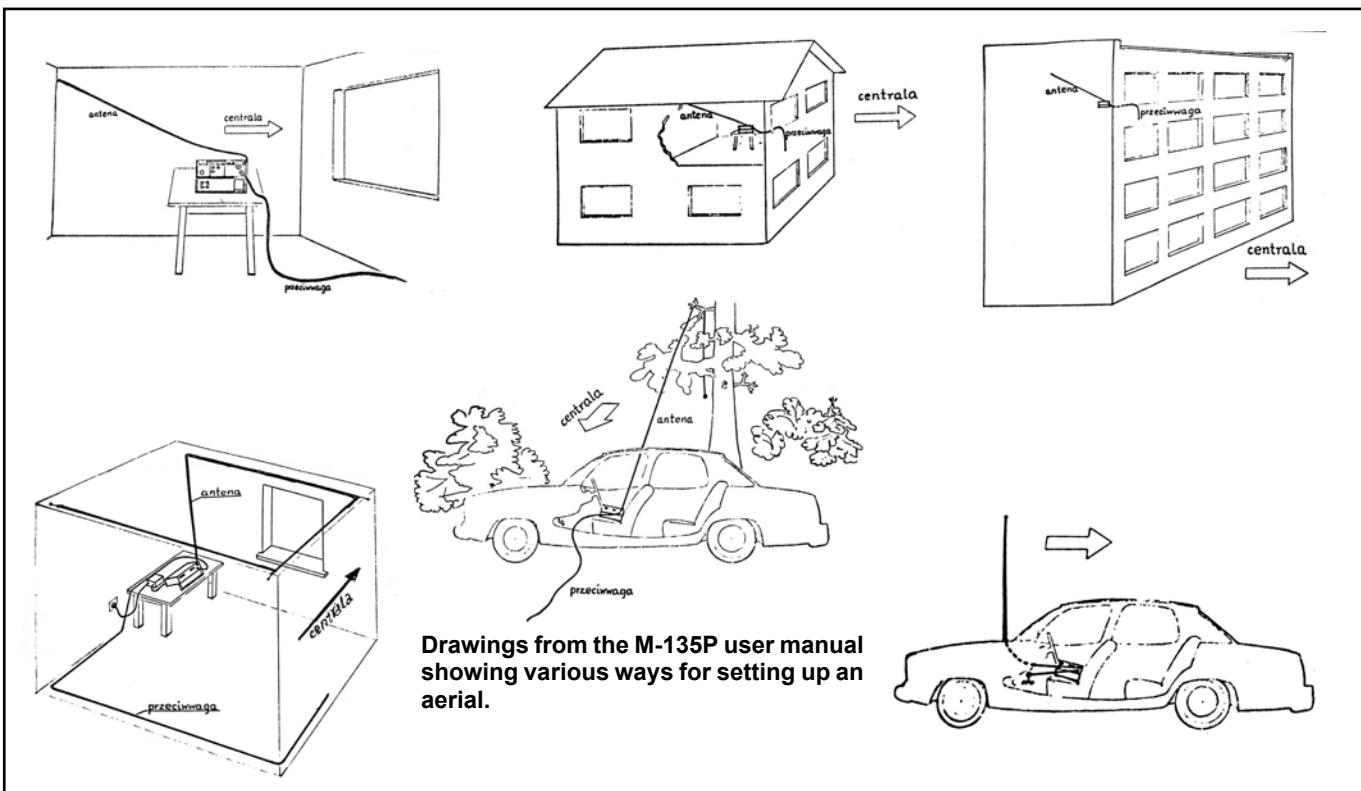
- Photographs, information and user manual scans were kindly provided by Bogdan Szkudlarek, SP3LD, Poland.
- IPN BU 003379/15, Board of the Second General Staff of the Polish Army in Warsaw [1945] 1951-1990 [1991].
- Proof of device. M-135P shortwave radio (No. 135P9109). Experimental Department at the Military Institute of Communications.



General view of an operational M-135P station powered by its AC mains power pack.



Explanation of controls M-135P: 1= Earphone socket, 2= AF gain control, 3= Receiver frequency display, 4= Receiver operating mode switch, 5= Frequency entry keyboard, 6= Transmitter frequency display, 7= Morse key socket, 8= On/off switch, 9= System 'on' indication led, 10= High speed Morse keyer input, 11= TX 'on' led, 12= Transmit/receive switch, 13-16= Aerial matching controls, 17= Aerial socket, 18= Fuse, 19= 12V DC input.



Drawings from the M-135P user manual showing various ways for setting up an aerial.