



AT-3
Country of origin:
USA

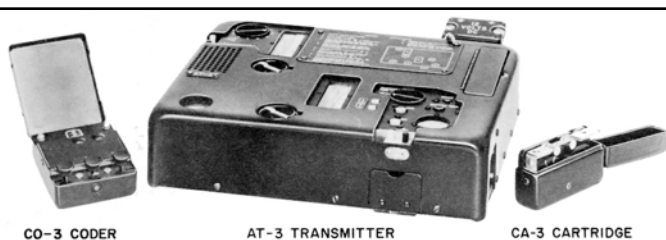
DATA SUMMARY

Organisation: CIA.
Design/Manufacturer: CIA Radio Lab.
Year of Introduction: Early 1960s.
Purpose: Agents and special operations.
Receiver: RR/D-11 or RR/E-11. (See Chapter 143.)
Transmitter: Crystal oscillator, driver, RF power amplifier, RF output 25W. 3-30MHz. CW only.
Power Supply: Power Supply AP-3 operating on 70-270V AC, 50-400Hz, or 12V DC.
Size (cm): Height 7, Length 23.6, Width 20.1.
Weight: 2.7kg.

Remarks

Transmitter AT-3 was part of the AS-3 HF radio set, basically comprising AT-3 transmitter, RR/D-11 or RR/E-11 receiver, AP-3 mains power unit and according to the manual, a TP-3 printer. It replaced the RS-1 and RS-6. The AT-3 was a hybrid design, operating on 12V DC with a transistorised DC/DC converter, and valves in the RF part.

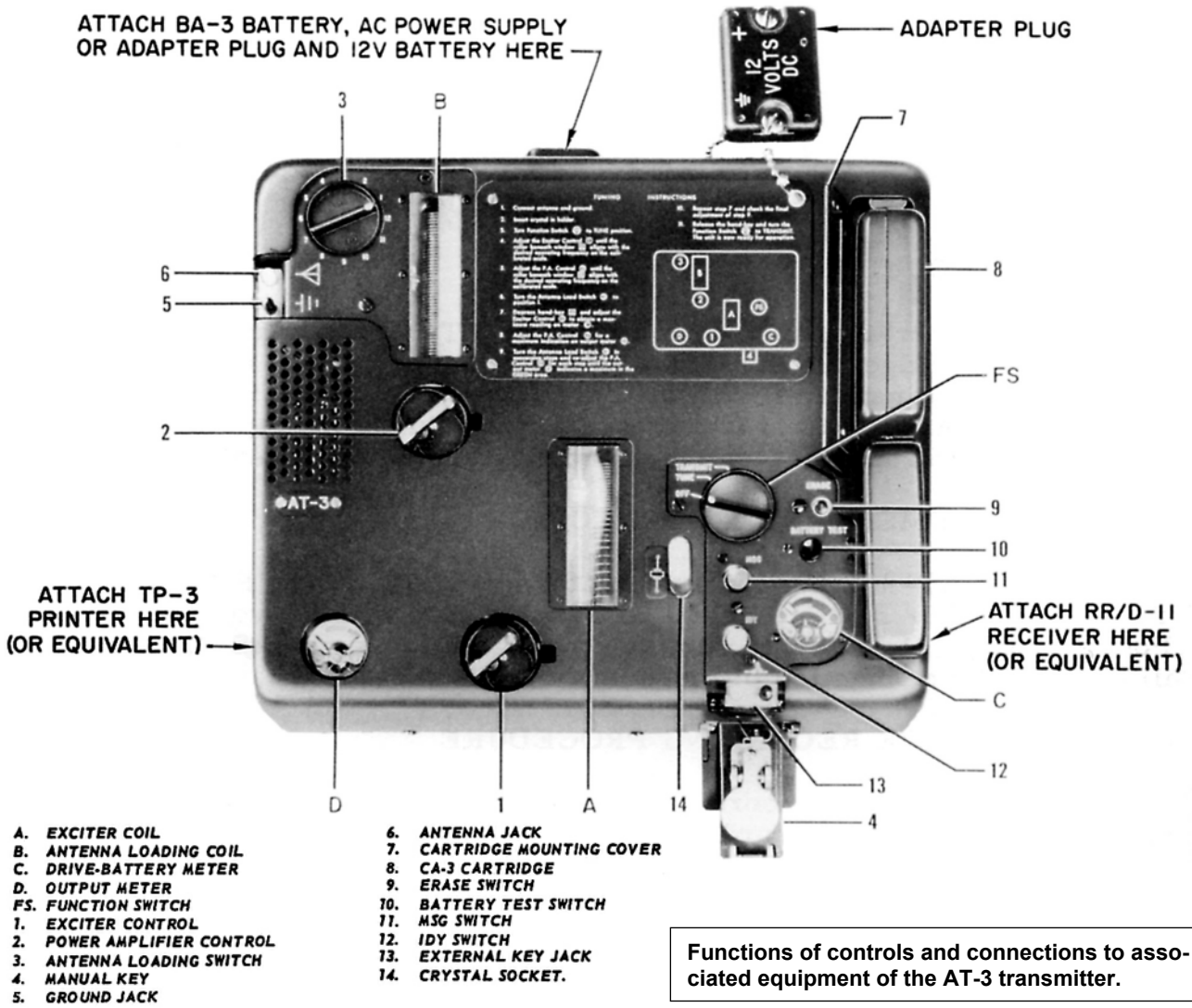
At the time of publishing this chapter no further technical information, nor (block) circuit diagrams were available.



The AT-3 included built-in components equivalent to the KE-8 keyer which allowed use of the CA-3 cartridge, keying the transmitter up to 300wpm. The CA-3 cartridge could store up to 150 five-character words on a magnetic tape. A separate CO-3 coder was required for recording a message. See the GRA-71 section in the 'High Speed Keyers' Chapter of WftW Volume 4 for more detailed information with circuit diagrams of this system.

References:

- Technical information, photographs courtesy Pete McCollum, N0TDM, USA.
- User handbook AT-3.



Functions of controls and connections to associated equipment of the AT-3 transmitter.

