



RR-49A Country of origin: France

(Alert receivers #5)

DATA SUMMARY

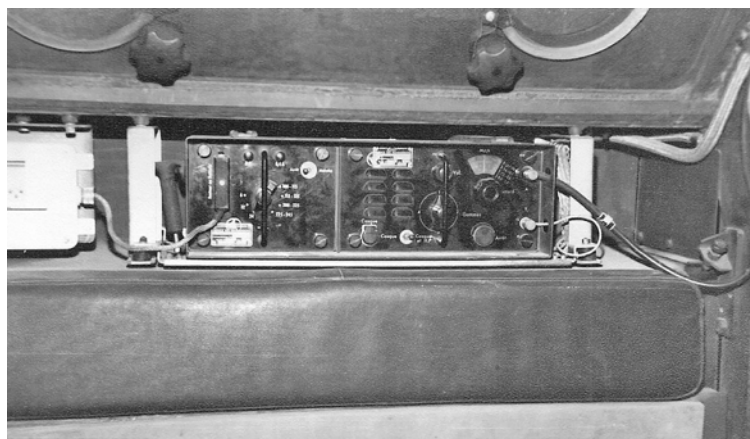
Organisation: French Army.
Manufacturers: Receiver: E.R.G.M.T.-C.;
 Power Supply Unit: L.G.T. St Cloud.
Year of Introduction: 1957.
Purpose: Alert receiver.
Frequency coverage: 0.4-20.4MHz in 4 ranges.
Circuit features: Single conversion superheterodyne.
 RF, Mixer/oscillator, IF, Det/AVC/AF, AF output
 IF: believed 473kHz. AM R/T only.
Valves: 6BA6 2x, 6BE6, 6AV6, 6AK6.
Power Supply: Separate unit 'Boite Alimentation BA-119'.
 AC mains: 100-245V; 6/12/24V DC. 150C2 stabiliser valve.
Dimensions (estimated) and weight:
 Height 16cm, length 21cm, width 37cm; 16.5kg.

REMARKS

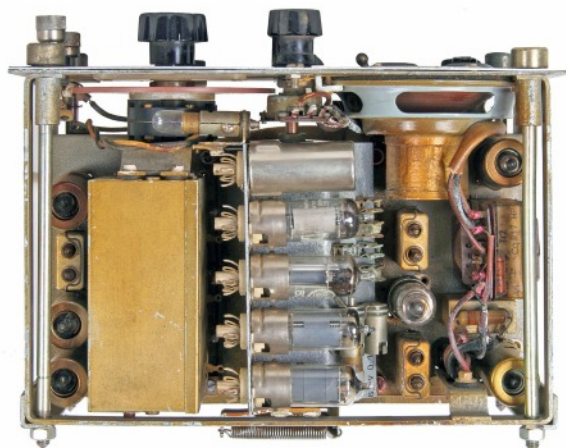
Recepteur D'Alerte (Alarm Receiver) RR-49A was a French vehicle and fixed station receiver for listening to alarm messages, primarily intended for use in Algeria. Some sources mention later use as alarm receiver for listening to air warning networks. The RR-49A was a combined effort of French and German makers. The mechanical construction of both receiver and associated power supply unit, housed in a steel enclosure was rugged; of particular interest was its rotating turret coil unit.

References:

Photographs and information courtesy: Jan Poortman, PA3ESY, Holland. <https://www.pa3esy.nl/>



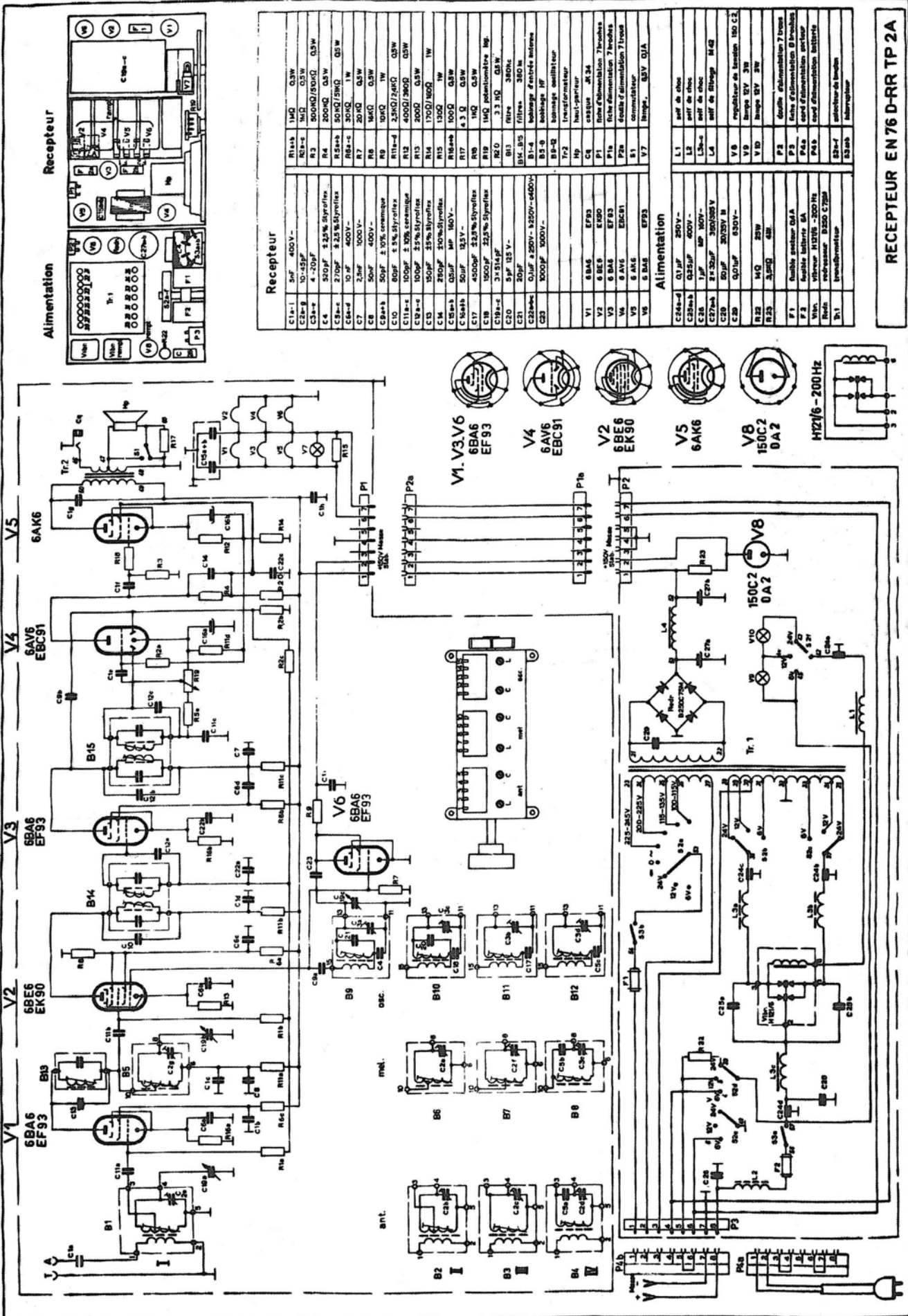
RR-49A receiver and associated BA-119 power supply unit in original metal enclosure (above and below).



Top view of RR-49A receiver. Note the Philips IF transformers and a row of 5 spare valves.



Rear view of RR-49A receiver showing the rotating turret coil unit in the centre.



Circuit diagram of RR-49A receiver with BA-119 power supply unit .

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