



RR-117 receiver (left) and AD-112 vehicle cradle (right).

**RR-117**  
 (RR-PP 3 and RP-VP 5)  
 Country of origin:  
 France  
 Alert receivers #6

**DATA SUMMARY**

**Organisation:** French Army.  
**Design/Manufacturer:** Electronique Serge Dassault. (ESD).  
**Year of Introduction:** 1970s/80s  
**Purpose:** Receiver for alert and NBC messages.  
**Receiver:**  
**Frequency coverage:** 47.1-56.9MHz. 50 channels synthesiser. Channel spacing 25kHz. Selective calling F2; voice F3.  
**Aerials:** Vertical blade aerial fitted on RR-117, or vehicle rod aerial fitted on a BX 140 base.  
**Power Supply:** Rechargeable 6V accumulator (RR-PP 3) or 24V RP-VP 5)  
**Power drain:** Internal accumulator: 24 hours.  
**Dimensions (mm) and weight:** (RR 117 receiver only). Height 183, length 45, width 100; weight 900g complete.

**REMARKS**

Recepteur d'Alerte (Alarm Receiver) RR-117 was a fully transistorised portable VHF FM receiver for receiving selective NBC\*) alert messages, broadcast by a TR-VP 13 alert station. It was carried on a strap as stand alone portable version known as RR-PP 3. For fitting into vehicles the RR-117 receiver was clipped into position in a AD-112 vehicle cradle with loudspeaker and power unit known as RP-VP 5. It received power from the 24V vehicle battery, and was connected to an external vertical rod and aerial base.

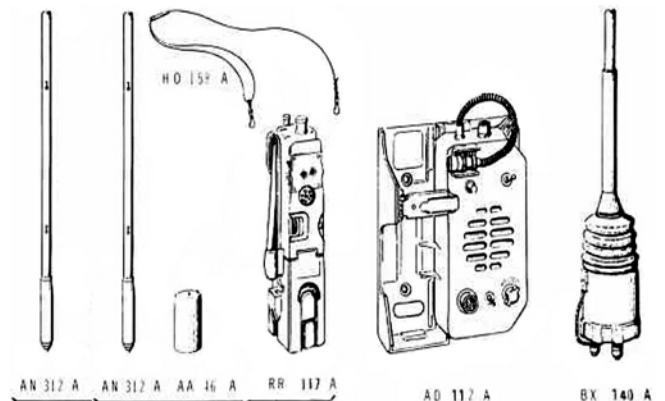
\*) NBC= Nuclear, Biological, Chemical.

**TR-CM 1**

The TR-CM 1 was a high power VHF FM transmitter for broadcasting NBC alerts and messages. Installed in van as TR-CM 1 station, it included a TR-VP 13 transmitter, a 1kW amplifier and an encoder unit. The frequency coverage was 26-71.950MHz (920 channels).



RR-VP 5 station fitted in a French M 201 Hotchkiss jeep.



Various components composing a RR-PP 3 portable and RP-VP 5 vehicle station.