



Frequency calibration graphs of the receiver tuning dial, attached in the inside of the lid.



'33X' Country of origin: France

**DATA SUMMARY**

**Organisation:** Unknown.  
**Year of Introduction:** Believed around 1950.  
**Purpose:** Probably agents.  
**Receiver:**  
**Circuit details:** TRF with RF stage and AF amplifier.  
**Frequency coverage:** 2.7-18 MHz in three ranges.  
**Transmitter:**  
**Circuit details:** Crystal oscillator, RF power amplifier (two valves in parallel). CW only.  
**Frequency coverage:** 2.7-18MHz covered by a series of plug-in coils.  
**Power Supply:** AC/DC mains, 115/230V.  
**Size (cm):** Height 26, Length 33, Width 16.

**REMARKS**

Over twenty years ago this 'suitcase' set was purchased from a dealer in Marseille, France. Up to now no information was found of its use, organisation or time period of construction. Engraved numbers on the front panel, and markings on the frequency calibration graphs suggested that the type number was 33X with serial number 45. The set was built in a wooden case with removable lid, both covered with imitation leather cloth. Power was derived directly from AC or DC mains which explains a number of special types of valves. An emergency Morse key, consisting of a push button, was accessible without opening the lid through an opening on top of the set. Some elements of its electrical design might be inspired by the SIS Mk.XIV. Most of the individual components, however, were manufactured in the USA. The use of sub assemblies in the mechanical construction might indicate a small production run in a (semi) professional workshop.

Internal view of the 33X as seen from the back with hinged cover opened. (right) The receiver assembly, mounted on a Paxolin board was on the left. The transmitter section with two plug-in coils, marked 'C Osc 5-18MC' and 'H Amp 11.3-18MC' was located at the right. The five valves at the top, just under a ventilation grid, were probably rectifiers and ballast for the AC/DC power supply.



General view of French 33X 'suitcase' set with front lid closed. Note the round opening with push button which was used as an emergency Morse key.



**References:**

- Photographs and information courtesy Eric Pierret, France