



# Infrared I

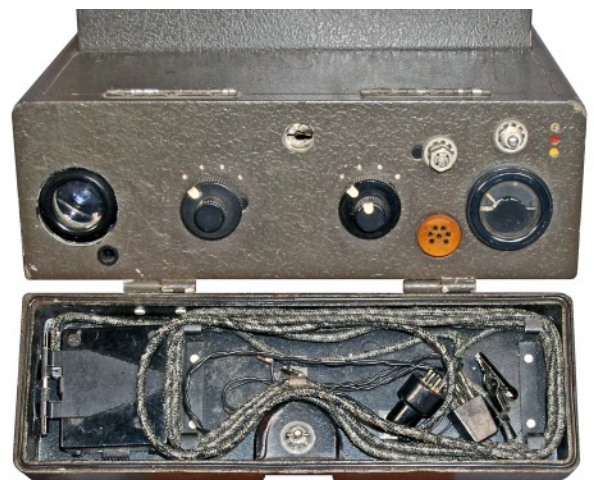
Country of origin: USA

## REMARKS

In 1959 a Western agent (Gisela Gebhardt) was captured in the GDR found in possession of an American infrared (IR) communication set. This set was built into a pressed synthetic case with fold out parts and when not in use collapsed to a very small unit. It was normally carried in an innocent looking small shoulder bag. At the left hand side of the case was a small single telescope for accurate aiming. The amplifiers were transistorised, powered from internal dry batteries. Though unmistakable of USA manufacture, the actual maker of this IR set is unknown. Apart from a MfS report no technical details are known. The captured set is presently held in the collection of the Deutsches Historisches Museum, Berlin, as inventory number SI 90/400.

## DATA SUMMARY

**Organisation:** Central Intelligence Agency.  
**Manufacturer:** USA, maker unknown.  
**Year of Introduction:** 1959.  
**Purpose:** Agents cross border communication.  
**Communication type:** Voice and Morse.  
**Power Supply:** Dry batteries, 4½V and 22½V.  
**Size (cm):** Height 8, Length 42, Width 24. (Closed position)  
**Weight:** 4.5 kg.



Rear view of the US infrared set with hinged front panel cover opened allowing access to controls.

**FEMEG**

**US 30 Watt Mobil-Sender**  
 Typ VRC-2  
 Bereich 25-44 MHz, Eingang  
 6-Volt-Batterie, Sätzig, quartz-  
 gesteuert mit Röhren 3 x  
 7C7, 2 x 7A8, 1 x 6V6,  
 1 x 807 — Einanker, Umform-  
 er 6 V/600 V, 175 mA, ohne  
 Quarz, guter Zustand DM 156,—

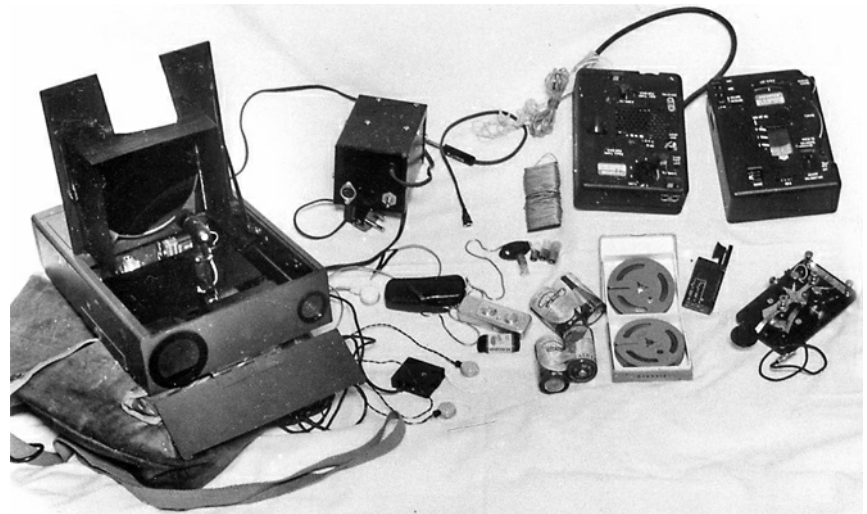
passender Empfänger zu vor-  
 ziehendem Sender  
 13 Röhren ohne Quarz  
 DM 186,—

**US-Army-Infrarot-Sprechgeräte**  
 moderner Bauart (transistori-  
 siert). Eingebautes Fernrohr,  
 komplett mit Zubehör und Er-  
 satzteilen. Preis und Unterla-  
 gen auf Anfrage. Verkauf nur  
 an Behörden, Industrie, Institute.

**US-Army-Infrarot-Sprechgeräte**  
 moderner Bauart (transistori-  
 siert). Eingebautes Fernrohr,  
 komplett mit Zubehör und Er-  
 satzteilen. Preis und Unterla-  
 gen auf Anfrage. Verkauf nur  
 an Behörden, Industrie, Institute.

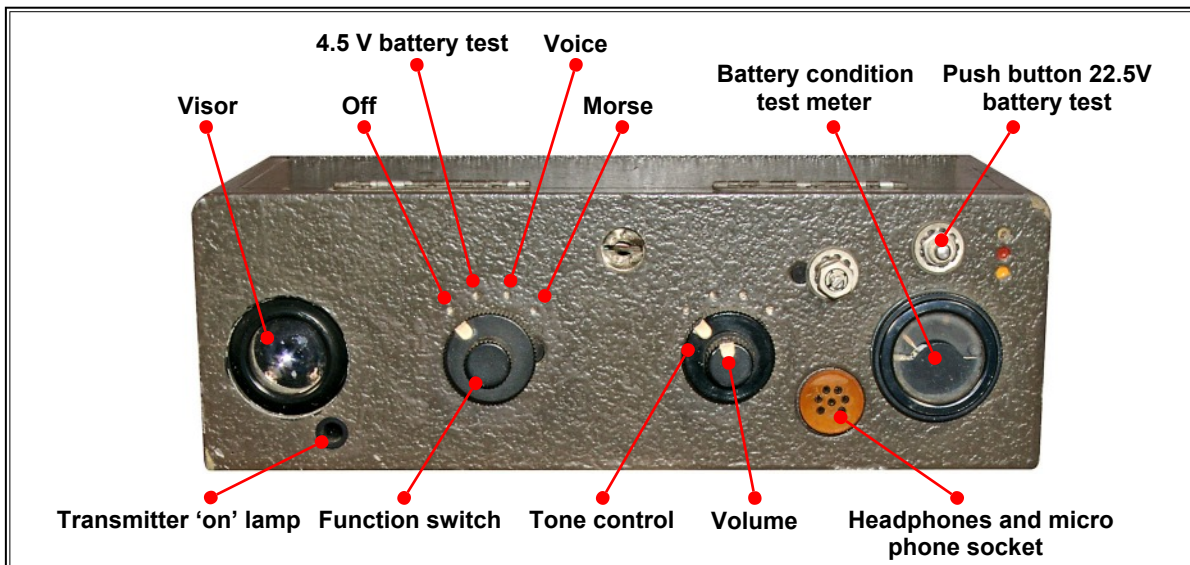
Abmessungen 8 x 4,5 x 36 cm, schwarz, undurchsichtig,  
 besonders festes Material. Preis per Stück DM 23,80

FEMEG, Fernmeldetechnik, 8 München 2, Augustenstr. 16  
 Postcheckkonto München 595 00 - Telefon 59 35 35

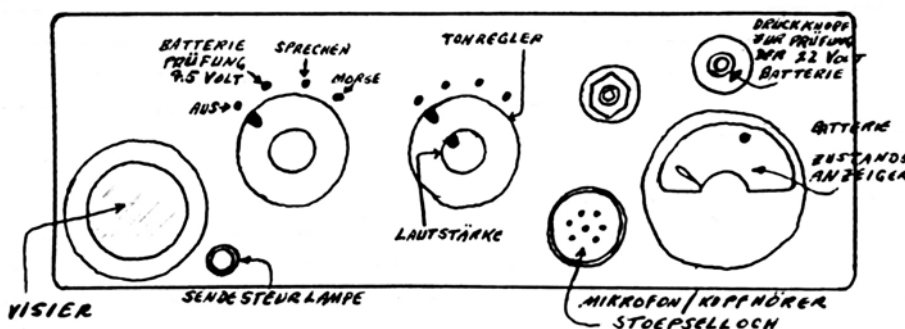


Collection of spy communication equipment found in possession of captured Western agents in the late 50s/early 1960s comprising an infrared set, RT-6 short wave radio transmitter-receiver and various other bits and pieces including a Minox camera.

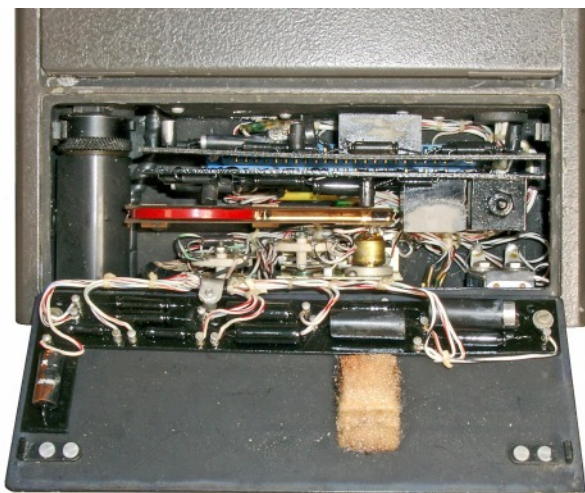
Commercial advert in 'Funkschau' Heft 7-1964 selling IR sets as described in this chapter.



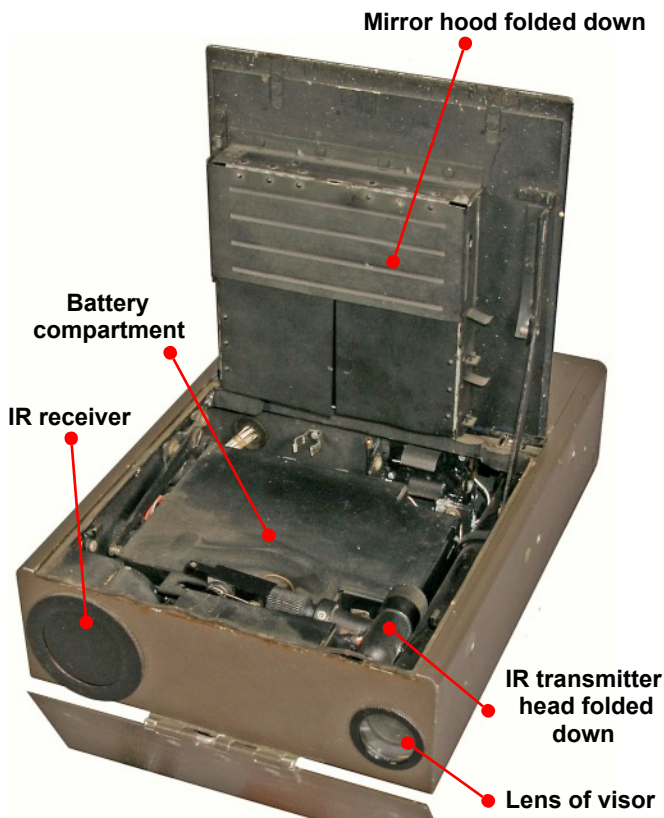
Functions of controls American infrared set.



Handwritten drawing from an agent's instruction sheet with explanation of controls in German. This rare drawing gave evidence that the set was also capable of transmitting in Morse and two batteries were required for operation.



Top view with hinged access door opened showing view of transistored amplifiers and IR driver. Note the use of printed circuit boards.



**References:**

- All information courtesy Detlev Vreisleben, DC7KG, Germany. Without Detlev's photos and assistance this chapter would not have been possible.