



# PS-32

Country of origin:  
Czechoslovakia

## REMARKS

The PS-32 was a portable VHF-FM simplex base station with voice scrambling, status messages and security ID features, developed and manufactured by Tesla in Czechoslovakia. The set was introduced in the late 1980's and intended as a temporary base station for use in area's not covered by the FMV radio system during actions, covert operations, observation tasks, etc. It was probably also used by the Stasi, the secret service of the former GDR.

A complete base station was mounted in a standard commercial attache case which allowed inconspicuous transport to a location with a very rapid set-up. It was based on a slightly modified PR-31 transmitter-receiver, with the addition of a PX-31 10W RF amplifier, rechargeable batteries and a mains power unit. The PR-31 was a simplex transmitter-receiver which operated in the 80MHz band. (See Chapter 65) It had provision for 70 channels and came in two versions: the 'A' version normally used by the Czech state police and the 'B' version with 48 channels used by the secret police. Each user had a special personal ID code-key for identification. At the start of each transmission, the ID was transmitted to the control station. Two-digit numerical status messages could be transmitted via a numerical keypad. Issued with the PR-32 suitcase set were three different types of aerials: a miniflex aerial type PA-31, rod aerial type PA-32, and a semi-fixed 2.3m aerial type PA-33.

## DATA SUMMARY

**Organisation:** Czechoslovak civil police and secret police; probably Stasi.

**Design/Manufacturer:** Tesla, Czechoslovakia.

**Year of Introduction:** Late 1980's.

**Purpose:** Surveillance, covert operations.

**Transmitter-Receiver:**

**Frequency coverage:** 80MHz band, 70 channels: 77.7-79.425MHz. F3. 25kHz channel spacing. Simplex.

**RF output:** 1/10W.

**Power Supply:** 12V (2x 6V) 4Ah NiCad batteries charged by a built-in AC mains power unit.

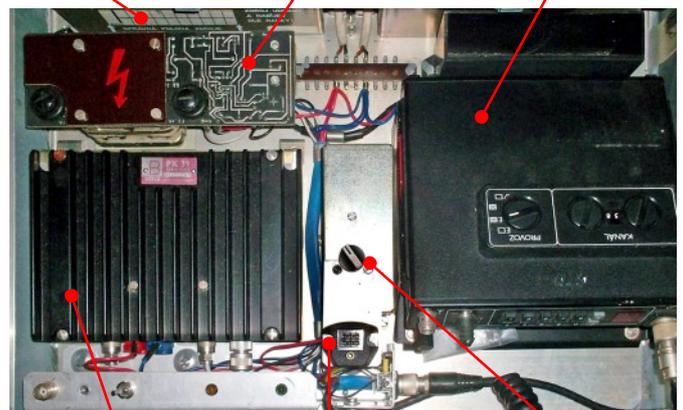
**Size (cm):** Height 11½, length 45½, width 27½; weight 10.4kg.

**Accessories:** Handset PO-31, micro-telephone, miniflex aerial PA-31, rod aerial PA-32, semi-fixed aerial PA-33, ID code-key in pouch, user handbook.

6V battery.

Mains power unit.

PR-31.



PX-31 RF amplifier.

Micro-tel socket.

0-20dB attenuator.

Internal view of PS-32 with protective cover removed



The PS-32 suitcase set was powered by two 6V NiCad batteries type QN 732 10 which were originally issued with the Czech Army type RF-10 manpack transceiver.

## References:

- Photographs and all information courtesy Miro Hornik, OM3CU, Slovak Republic.
- See also Miro's website: [www.om3cu.sk](http://www.om3cu.sk)