

Sailor T126

SSB TELEPHONY TRANSMITTER

400 WATT PEP

S. P. RADIO A/s · 9200 AALBORG SV





Dimensions:

Height 285 mm. Width 492 mm. Depth 310 mm.

SAILOR T126

is an up-to-date transistorized (apart from P. A. stage) telephony-transmitter, which can be used as an SSB or an AM transmitter, in both cases with an output of 400 Watt PEP in the aerial.

The built-in two-tone-alarm ensures that the transmitter is ready to send out the international distress signal immediately.

- economical power requirements.

Owing to transistorization SAILOR T126 has a very low power consumption, only 2.7 Amp. at 24 V during reception periods or stand-by.

- designed for ease of operation.

Except for selection of the required channel and transmitting mode only simple aerial tuning is required.

When using the distress frequency (2182) the channel selector is set on DISTRESS, all other settings taking place automatically.

Specification:

31 channel telephony transmitter for maritime use. The transmitter is provided with an internal power supply unit.

The power supply is available for the following supply voltages:

24 volt DC	Type N 210
110/220 volt AC	Type N 211

Transmitter and power-unit-cabinet are of all-welded steel, treated with rust-preventives and covered with grey/green nylon. Knobs, buttons and fittings are of deformation resistant plastic substance and chromium-plated brass.

Fields of Operation:

Ship to Ship, and Ship to Shore telephony communication.

Simplex and duplex on both SSB and AM.

Transmitting the international distress signal.

Transmitter Aerial:

The transmitter can be connected to nearly all kinds of aerials in common maritime use.

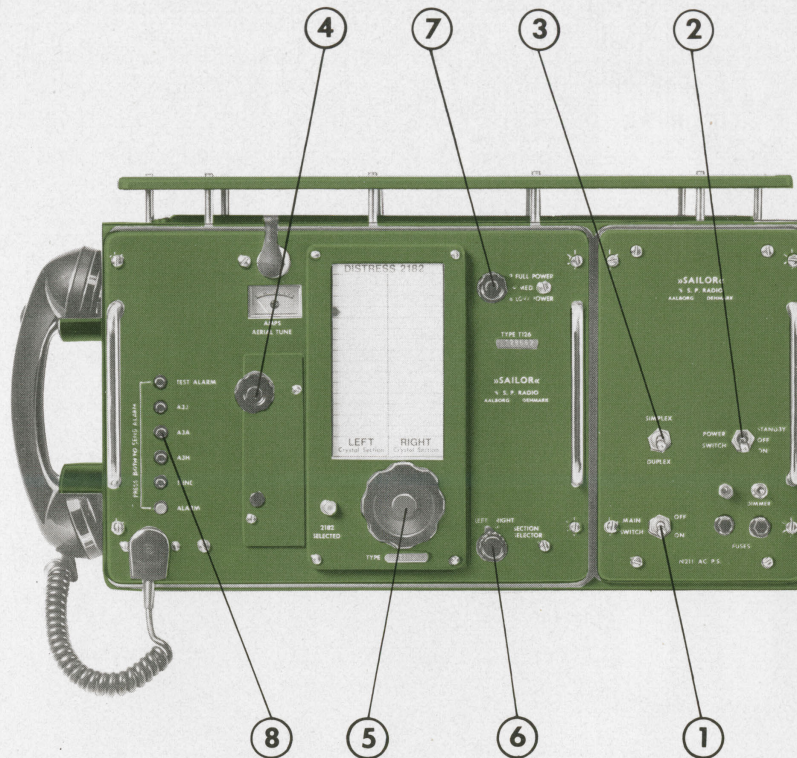
Types of Receivers:

The transmitter can be connected to any SAILOR SSB-receiver.

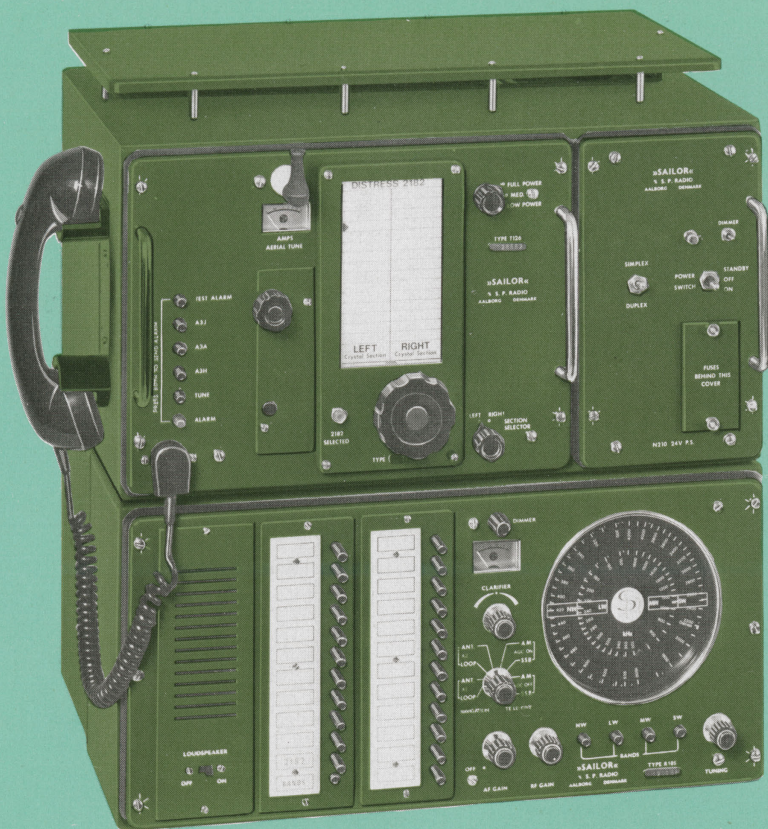
The transmitter and the receiver are connected by means of a multicable with multi sockets.

The receiver can be mounted separately, or assembled together with and below the transmitter.

Controls:



- 1 MAIN SWITCH** (only when AC supply)
Separate AC mains from RT.
Obs! MAIN SWITCH must be ON when receiver is in use.
- 2 POWER SWITCH**
Switching between the functions ON - OFF - STAND-BY.
- 3 SIMPLEX-DUPLEX**
Switching between simple and duplex operation.
- 4 AERIAL TUNE**
for tuning of aerial. Turn knob while pressing the button TUNE for max. deflection on the meter at the front panel of transmitter.
- 5 CHANNEL SELECTOR**
to be set for the required line on the frequency table.
- 6 SECTION SELECTOR**
to be set for the required column on the frequency table.
- 7 POWER REDUCTION**
normally to be set to position FULL. In some situations the positions MED. or LOW are used, by which means the output of the transmitter is reduced.
- 8** Push buttons switching between the functions TEST ALARM - A3J (SSB) - A3A - A3H (AM) - TUNE - ALARM (distress signal).



Dimensions:

The transmitter only: Height 285 mm.
Width 492 mm. Depth 310 mm.

Dimensions:

The transmitter assembled with
R105 (as illustrated):
Height 517 mm. Width 492 mm.
Depth: 310 mm.

TECHNICAL DATA:

Output: on all transmitting modes 400 Watt PEP into aerial

Modulation: 350-2700 C/S with »speech-compressor«.

Frequencies: 31 crystal controlled frequencies between 1,6-4,2 MHz.

Frequency Stability: short term: better than 20 Hz.
long term: better than 100 Hz.

Two-Tone-Alarm: 1300 and 2200 Hz. Delay 45 sec.

Power Consumption at 24 V DC: Stand by: 2.7A. Operation: 15-20A (normal speech)

Power Consumption at 220 V AC: Stand by: 0.4A. Operation: 2.2-2.5A (normal speech)

Power Consumption at 110 V AC: Stand by: 0.8A. Operation: 4-5A (normal speech)



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DEALER: