

Sailor

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**INSTRUKTIONSBOG FOR
SAILOR H1231**

**INSTRUCTION BOOK FOR
SAILOR H1231**



A/S S. P. RADIO · AALBORG · DENMARK

CONTENTS:

PAGE

GENERAL DESCRIPTION SAILOR TELEX ALARM BOX H1231.....	1
PRINCIPLE DESCRIPTION OF UNATTENDED TELEX MODE TANDEM STATION WITH AUTOMATIC ON/OFF SWITCH H1227 AND TELEX ALARM BOX H1231	2
PRINCIPLE DESCRIPTION OF UNATTENDED TELEX MODE SINGLE STATION WITH AUTOMATIC ON/OFF SWITCH H1228 AND TELEX ALARM BOX H1231	3
DIMENSIONS FOR TELEX ALARM BOX H1231	4
PRINCIPLE OF OPERATION TELEX ALARM BOX H1231	5
MOUNTING OF TELEX ALARM BOX H1231 (TANDEM STATION)	6
MOUNTING OF TELEX ALARM BOX H1231 (SINGLE STATION)	7
DIAGRAM TELEX ALARM BOX H1231	
PARTS LIST	

GENERAL DESCRIPTION SAILOR TELEX ALARM BOX H1231

SAILOR TELEX ALARM H1231 is designed to be used in conjunction with SAILOR Radiotelex Modem ARQ H1240 or STB750.

SAILOR TELEX ALARM H1231 can be used on the navigation bridge, in the radio officer cabin, or where it is necessary to have an alarm indicating that a telex is being received.

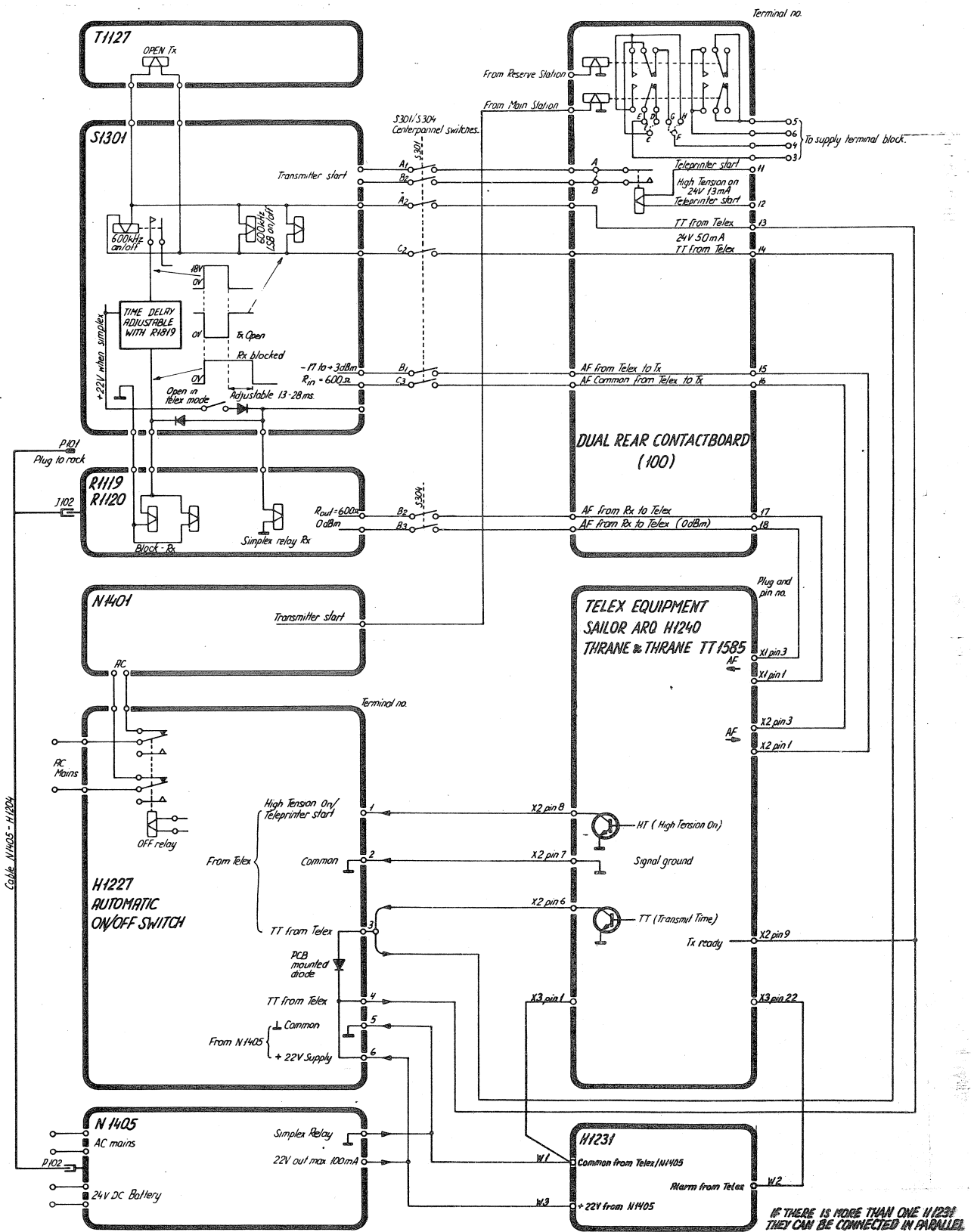
The SAILOR Short Wave Programme 1000 has unattended telex operation when SAILOR Automatic ON/OFF Switch H1227 or H1228 is used.

The SAILOR Short Wave Programme 1000/B has built-in automatic power-up of the transmitter for unattended telex operation.

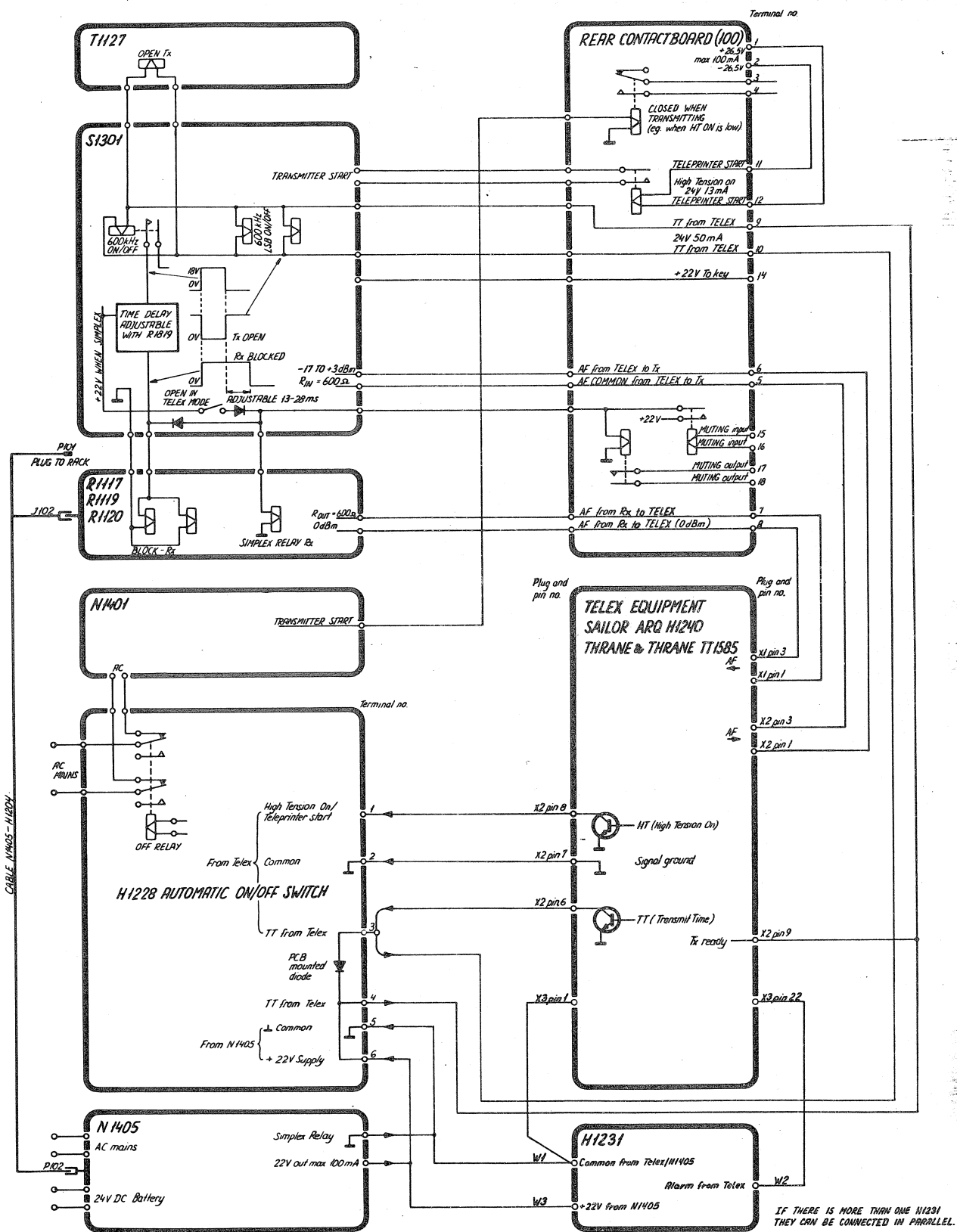
SAILOR TELEX ALARM H1231 gives both acoustic and visual alarm when a telex is being received.

Note! Two jumper configurations for the unit can be used. From the factory the jumper is set to A-C.

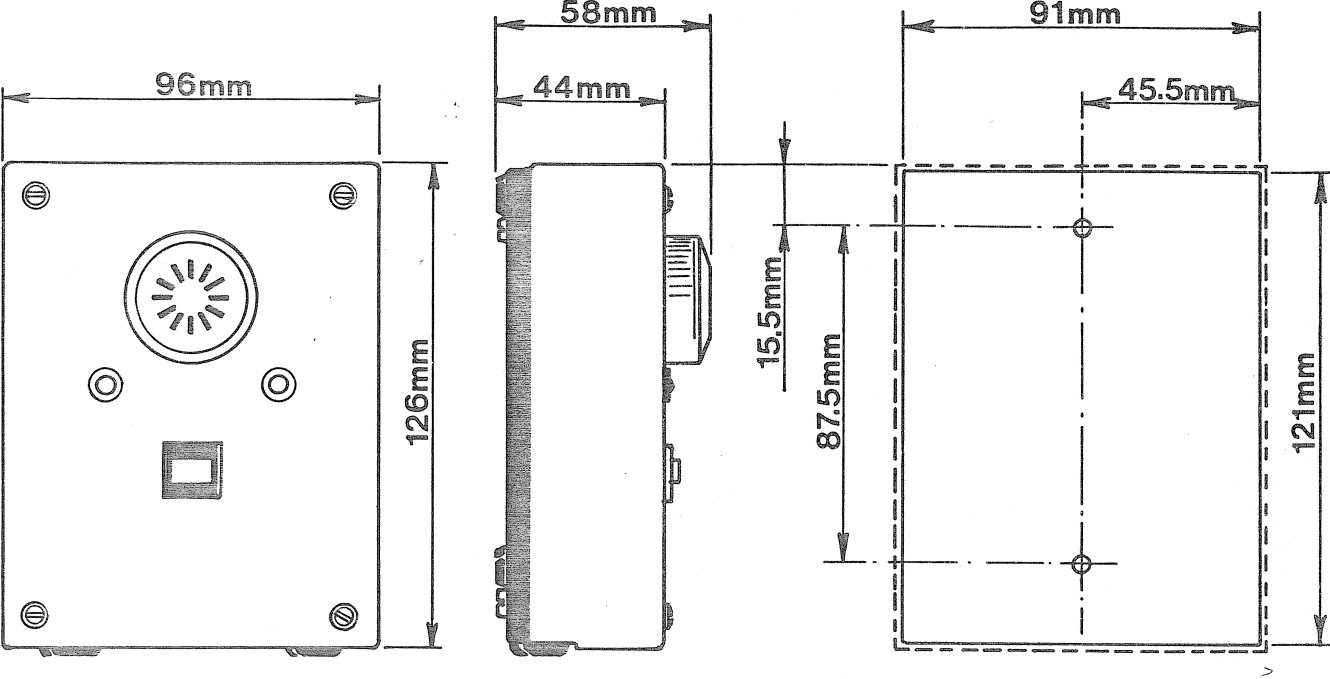
PRINCIPLE DESCRIPTION OF UNATTENDED TELEX MODE TANDEM STATION WITH AUTOMATIC ON/OFF SWITCH H1227 AND TELEX ALARM BOX H1231



PRINCIPLE DESCRIPTION OF UNATTENDED TELEX MODE SINGLE STATION WITH AUTOMATIC ON/OFF SWITCH H1228 AND TELEX ALARM BOX H1231



DIMENSIONS H1231



PRINCIPLE OF OPERATION TELEX ALARM BOX H1231

OPERATION A-C

When a telex is being received the function of the telex alarm box will be as described below.

With the switch in position ON:

The ON lamp will light.

The acoustic alarm will be ON in 10 secs.

The visual alarm will be ON until the bell is reset on the radiotelex modem.

With the switch in position OFF:

The ON lamp will not light.

No acoustic alarm.

The visual alarm will be ON until the bell is reset on the radiotelex modem.

The jumper on the printed circuit board is connecting A-C (factory setting).

OPERATION B-C

When a telex is being received the function of the telex alarm box will be as described below.

With the switch in position ON:

The ON lamp will light.

The acoustic alarm will be ON in 10 secs.

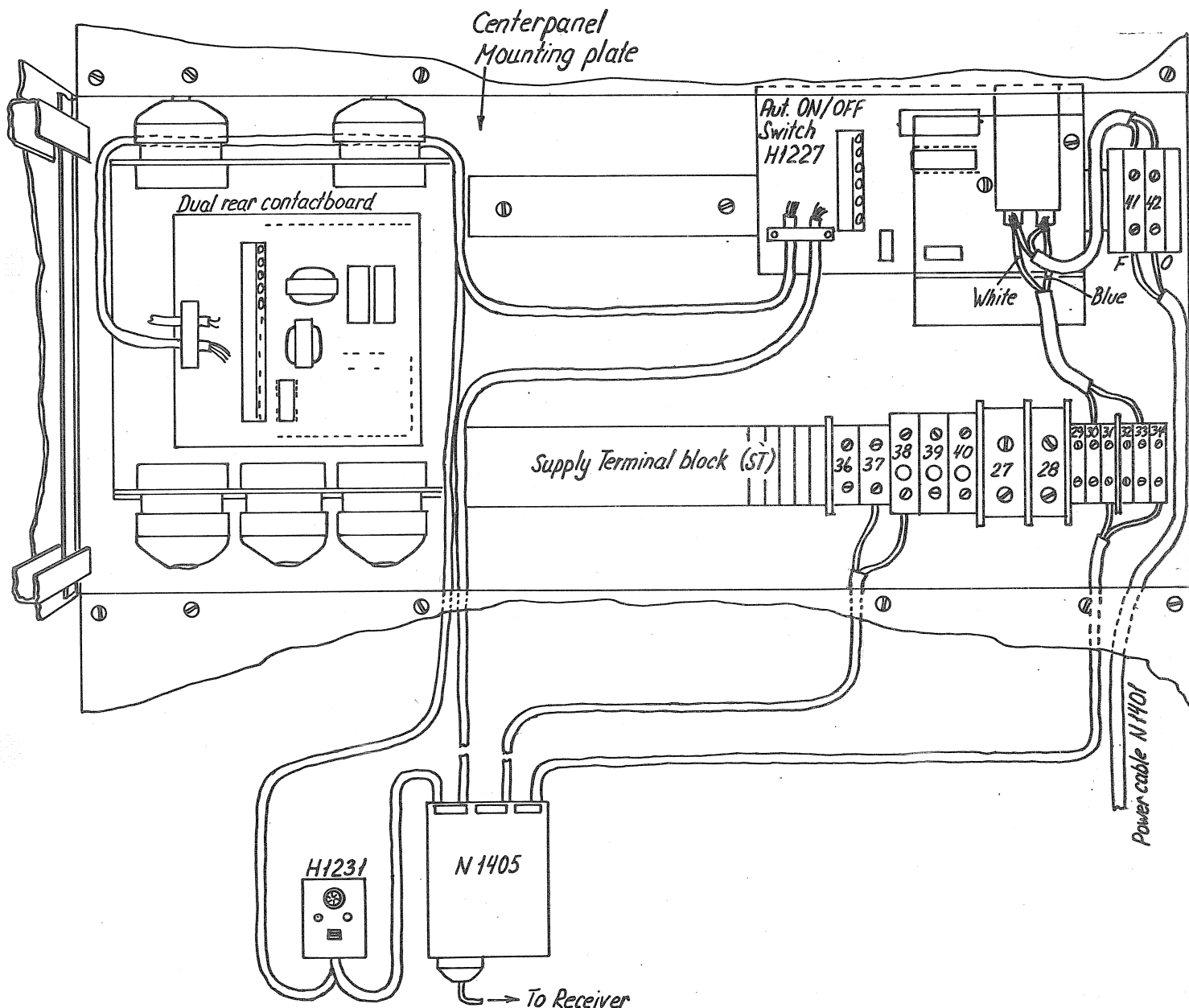
The visual alarm will be ON until the bell is reset on the radiotelex modem.

With the switch in position OFF:

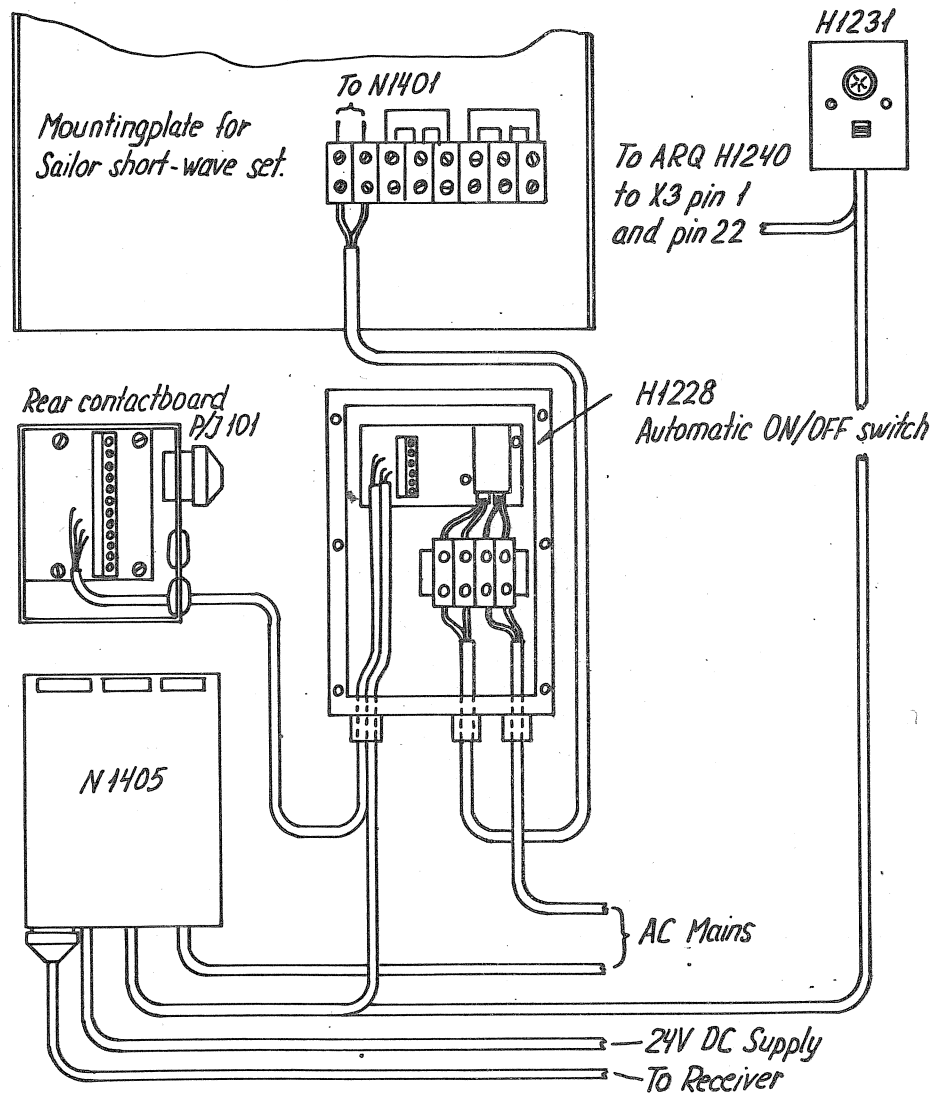
All functions are OFF.

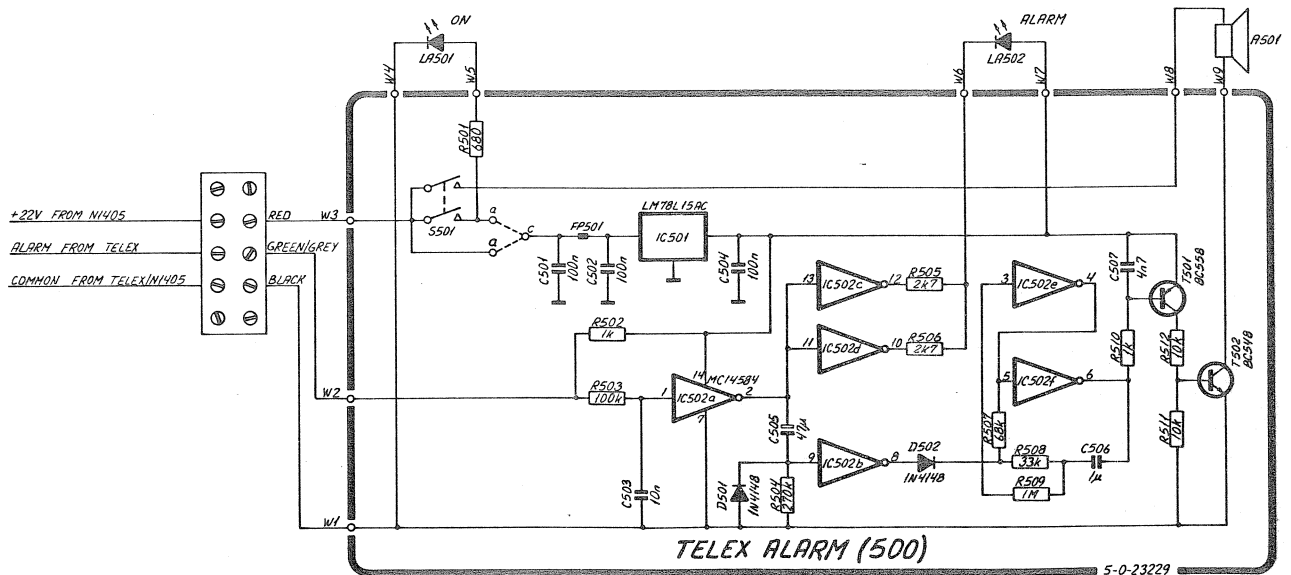
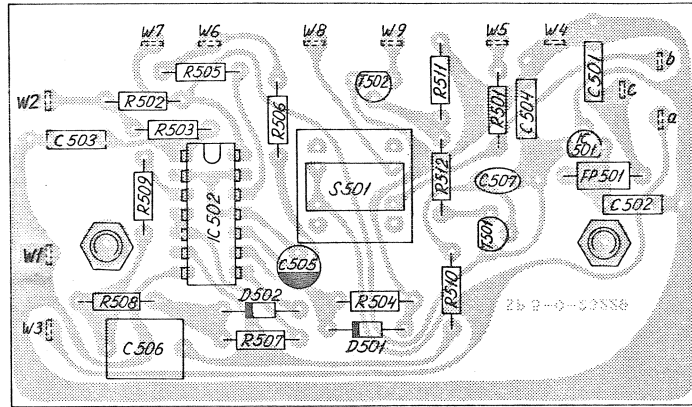
The jumper on the printed circuit board is connecting B-C.

MOUNTING OF TELEX ALARM BOX H1231 (TANDEM STATION)



MOUNTING OF TELEX ALARM BOX H1231 (SINGLE STATION)





Symbol	Description	Manufact.	
R501	Resistor 680 Ohm $\pm 5\%$	Philips	2322 211 13681
R502	Resistor 1KOhm $\pm 5\%$	Philips	2322 211 13102
R503	Resistor 100KOhm $\pm 5\%$	Philips	2322 211 13104
R504	Resistor 270KOhm $\pm 5\%$	Philips	2322 211 13274
R505	Resistor 2,7KOhm $\pm 5\%$	Philips	2322 211 13272
R506	Resistor 2,7KOhm $\pm 5\%$	Philips	2322 211 13272
R507	Resistor 68KOhm $\pm 5\%$	Philips	2322 211 13683
R508	Resistor 33KOhm $\pm 5\%$	Philips	2322 211 13333
R509	Resistor 1MOhm $\pm 5\%$	Philips	2322 211 13105
R510	Resistor 1KOhm $\pm 5\%$	Philips	2322 211 13102
R511	Resistor 10KOhm $\pm 5\%$	Philips	2322 211 13103
R512	Resistor 10KOhm $\pm 5\%$	Philips	2322 211 13103
C501	Capacitor, polyester 0,1uF/100V	Siemens	B32560
C502	Capacitor, polyester 0,1uF/100V	Siemens	B32560
C503	Capacitor, polyester 10nF/400V	Siemens	B32560
C504	Capacitor, polyester 0,1uF/100V	Siemens	B32560
C505	Capacitor, electrolytic 47uF/25V	Roe	EKI 00BB 247E
C506	Capacitor, polyester 1uF/100V	Siemens	B32561
C507	Capacitor, ceramic 4,7nF/50V	K.C.K.	HE80SJYB472K
T501	Transistor	Philips	BC 548 A
T502	Transistor	Philips	BC 558
IC501	Voltage regulator	National	LM 78 L15 AC
IC502	Integrated circuit	Motorola	MC 14584
FP501	Ferrite bead, K3/1200/0,1Hz/4/2/7A	Kaschke	
D501	Diode silicon	Philips	1N4148
D502	Diode silicon	Philips	1N4148
LA501	Led yellow	Mer-el	XL 5053 Y
LA502	Led red	Mer-el	XL 5053 R
A501	Piezo crystal solid state audio indicator	Project-unlimited	Cat. no. 06605 model X20F24
S501	Switch MK II PUSH-PUSH	Mec	15.550