

Mobile local controlled Installation Instruction

Manual 18

Contents.

Dwg. no.

70384/4	Contents
68127/4	Mounting Instruction. Local control. Mobile with(out) DC-converter.
70231/4	Mobile DC-converter for AP700 (6 or 12 Volt see notes)
70239/4	Parts list for 70231/4
70234/4	Mobile DC-converter for 24 Volt
70235/4	Parts list for 70234/4
70237/4	Local-and remote controlled AP700 close-talk adapter
70238/4	Parts list for 70237/4
70202/4	Mobile AP700, local control.simplex 1 channel function lay-out.
70225/4	Mobile AP700, local control.simplex 1 channel sel.call function lay-out.
70207/4	Mobile AP700, local control.simplex 4 channels function lay-out.
70214/4	Mobile AP700, local control.simplex 4 channels sel.call function lay-out.
70223/4	Local control. AP700 simplex 12 channels for mobile telephone service (MTS) function lay-out.
70243/4	Mobile AP700, local control.simplex sel.call with 4 sequence tone unit. Function lay-out.

Rettet:	Contents.	Tegn.:	Kontr.: <i>E.F</i>
		5-11-70	
	AP-RADIOTELEFON	Stykl. nr.:	Tegn. nr.: 70384/4

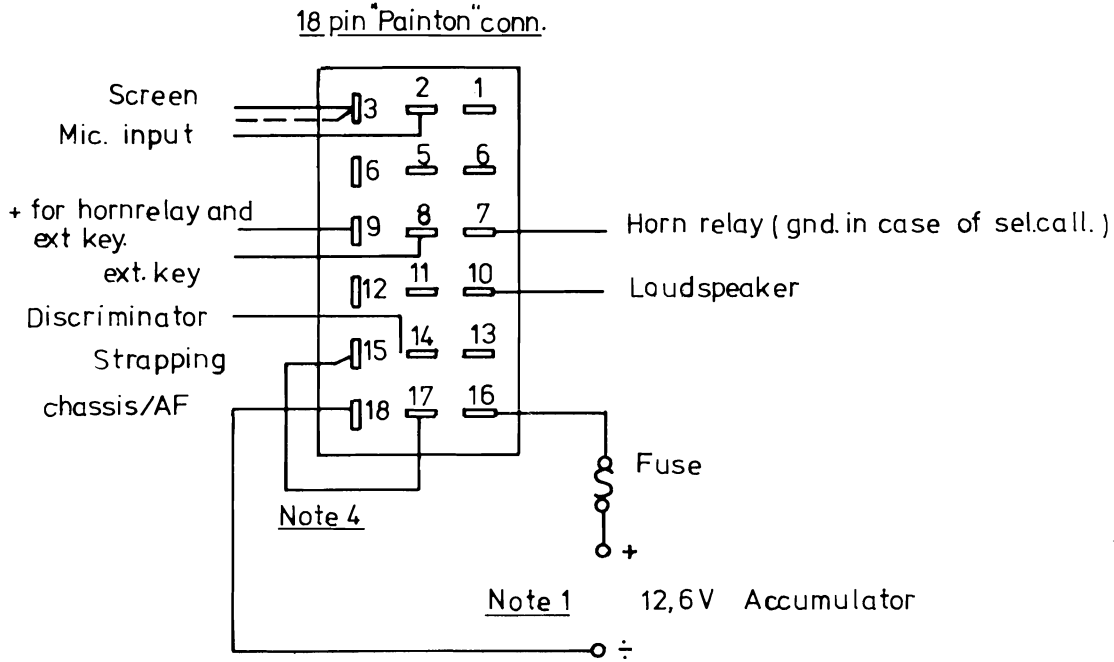
AP-RADIOTELEFON

Type AP 700 local controlled mobile

Firma:

AP RADIOTELEFON

Without DC-Converter only 12,6V chassis negative.



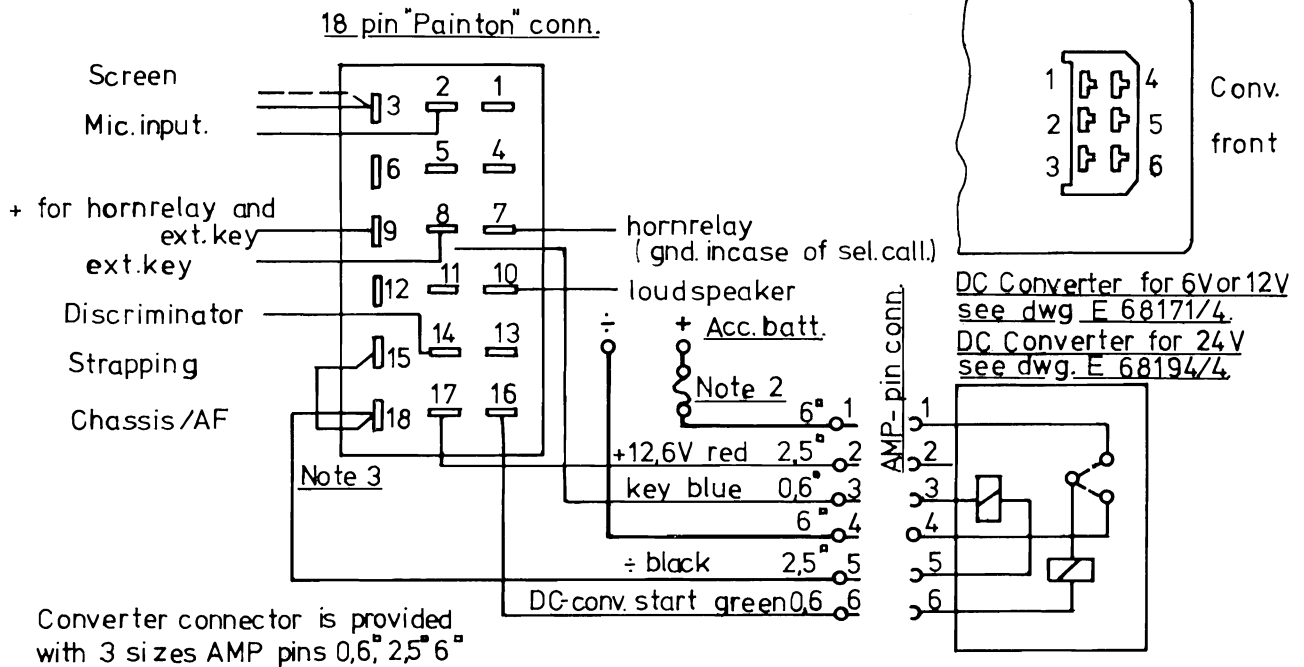
Note 1: DC converter has to be used as far as the power supply is not 12,6VDC with chassis negative.

Note 2: Main fuse has to be incorporated in Power supply line.

Note 3: When DC-converter is used strap pin 15 and 18.

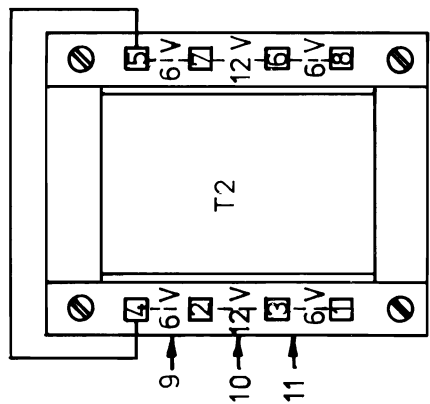
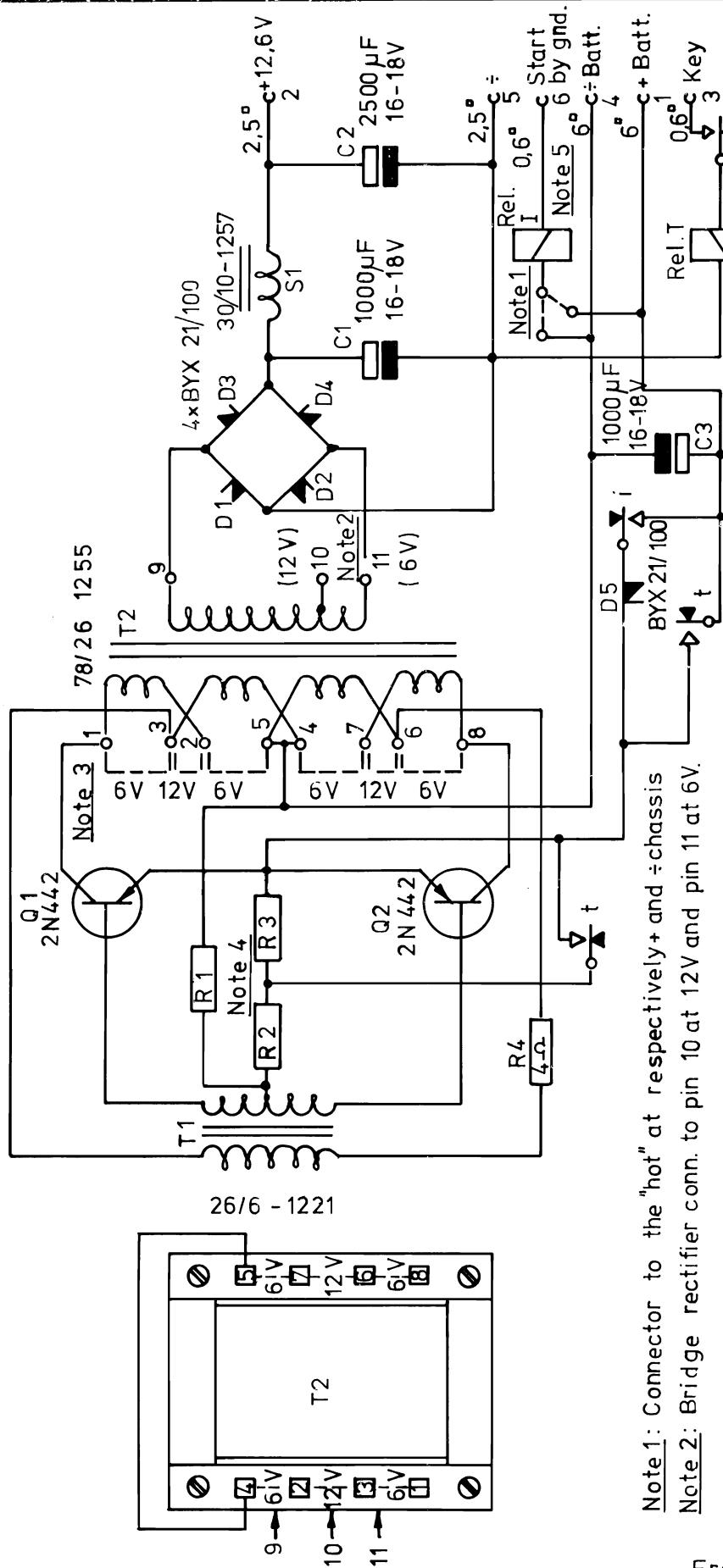
Note 4: At 12,6 V strap 15 and 17.

For DC- Converter:



Alle mål uden tolerance ++ mm

	Materiale	Model nr.	Lager nr.	Målforhold	Tegn. 17/8-70	A.B.P.
					Kont. 18/8-70	E.F.
Genstand: Mounting Instructions. local control. Mobile without) DC-converter.					Tg. nr.	68127/4



Note 1: Connector to the "hot" at respectively + and - chassis
 Note 2: Bridge rectifier conn. to pin 10 at 12V and pin 11 at 6V.

Note 3: Converter trafo strapping

at 6V	at 12V
strapped	strapped
1 and 3	2 and 3
2 - 4	6 - 7
5 - 7	
6 - 8	

Note 4: Resistance values

at 6V	at 12V
R1: 35Ω GL	R1: 100Ω GL
R2: 0,5Ω 2W	R2: 1Ω 2W
R3: 1Ω GL	R3: 4Ω GL

Note 5: Relay typer
 6V: V 23154 - D0712 - F104
 12V: V 23154 - D0717 - F104

V 23006 - A0008 - A 192

Erstatter 68171/4.

Rettet:

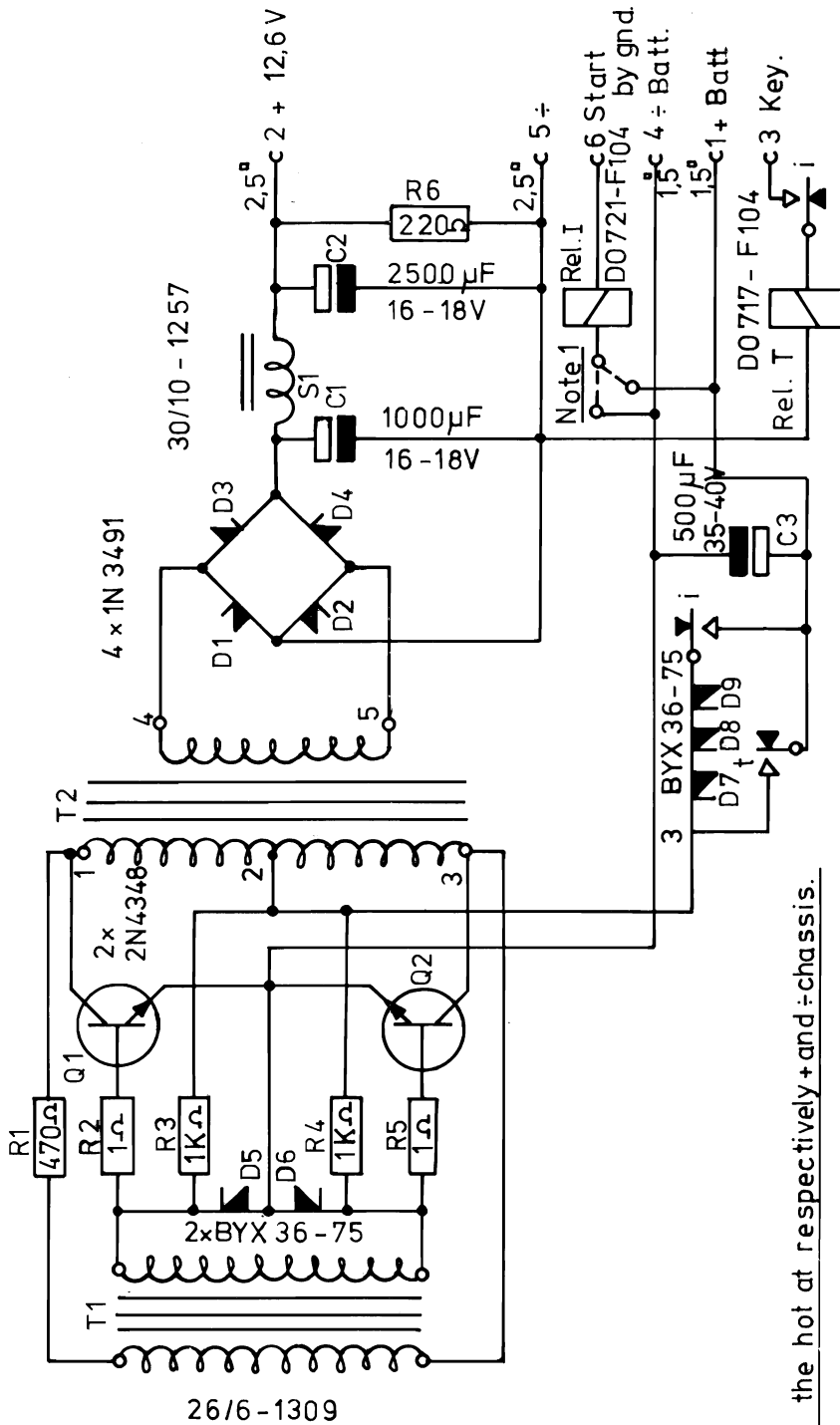
MOBILE DC CONVERTER
 FOR AP 700 (f. 6V or 12V see notes)
 AP-RADIOTELEFON

Tegn.: A.B.P.
 27/8-70
 Kontr.: E.F.
 27-8-1970
 Stykl. nr.: 70 239/4
 Tegn. nr.: 70 231/4

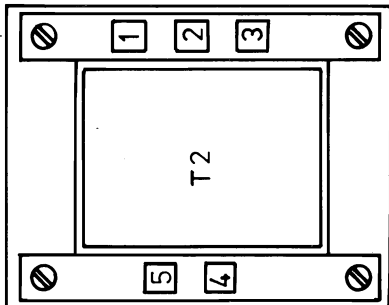
AP-RADIOTELEFON

Nr.	Kode	Data	Nr.	Kode	Data
R1		35 ohm 3 W	R1		100 ohm 3 W
R2		0,5 ohm 2 W	R2		1 ohm 3 W
R3		1 ohm 3 W	R3		4 ohm 3 W
R4		4 ohm 3 W	R4		4 ohm 3 W
C1		1000 mF/16-18v	C1		1000 mF/16-18v
C2		2500 mF/16-18v	C2		2500 mF/16-18v
C3		1000 mF/16-18v	C3		1000 mF/16-18v
S1		0,08 ohm choke	S1		0,08 ohm choke
D1		Byx 21/100 R	D1		Byx 21/100
D2		Byx 21/100 R	D2		Byx 21/100
D3		Byx 21/100 N	D3		Byx 21/100
D4		Byx 21/100 N	D4		Byx 21/100
D5		Byx 21/100 N	D5		Byx 21/100
Q1		2N442	Q1		2N442
Q2		2N442	Q2		2N442
Rel.			Rel.		
-T		V23006-A0008-A192	-T		V23006-A0008-A192
Rel.			Rel.		
-I		V23154-Do712-F104	-I		V23154-Do717-F104
T1		26/6-1221 trafo	T1		26/6-1221 trafo
T2		78/26-1255 trafo	T2		78/26-1255 trafo
		6 VOLT =====			12 VOLT =====
Mobile Converter for 6v - 12v AP 700 Tilhører tegn. nr.: 70231/4			Rettet:		Tegn.: EB Kontr.:
					Stykl. nr.: 70239/4

78/26 - 1256



78/26 - 1256



Note 1: Connected to the hot at respectively + and - chassis.

Erstatter 68194/4.

Rettet:

MOBILE DC-CONVERTER
f. 24V. AP 700.

AP-RADIOTELEFON

Tegn.: 28/8-70 A.B.P.	Kontr.: 28/8-70 E.F.
Stykl. nr.:	70235/4
Tegn. nr.:	70234/4

AP-RADIOTELEFON

Nr.	Kode	Data	Nr.	Kode	Data
R1		470 ohm 3 W			
R2		1 ohm 1 W			
R3		1 Kohm 1 W			
R4		1 Kohm 1 W			
R5		1 ohm 1 W			
R6		220 ohm 1 W			
C1		1000 mF/16-18v			
C2		2500 mF/16-18v			
C3		500 mF/35-40v			
S1		0,08 ohm choke			
D1		1N3491 R			
D2		1N3491 R			
D3		1N3491 N			
D4		1N3491 N			
D5		Byx 36-75			
D6		Byx 36-75			
D7		Byx 36-75			
D8		Byx 36-75			
D9		Byx 36-75			
Q1		2N4348			
Q2		2N4348			
Rel.					
-T		Do717-F104			
Rel.					
-I		Do721-F104			
T1		26/6-1309 trafo			
T2		78/26-1256 trafo			

Mobile Converter for 24v
 AP 700
 Tilhører tegn. nr.: 70234/4

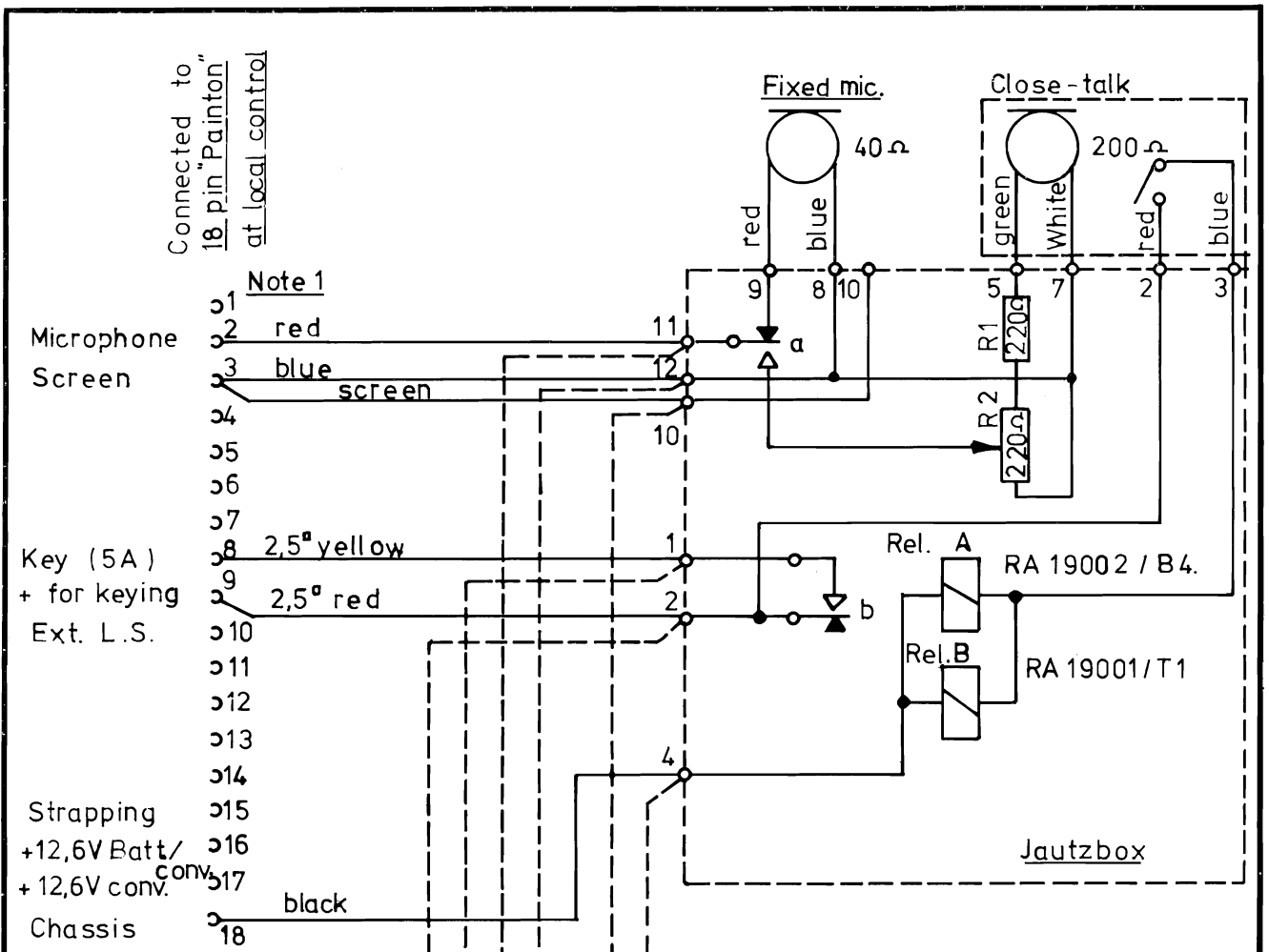
Rettet:

Tegn.:
 EB

Kontr.:

Stykl. nr.:

70235/4



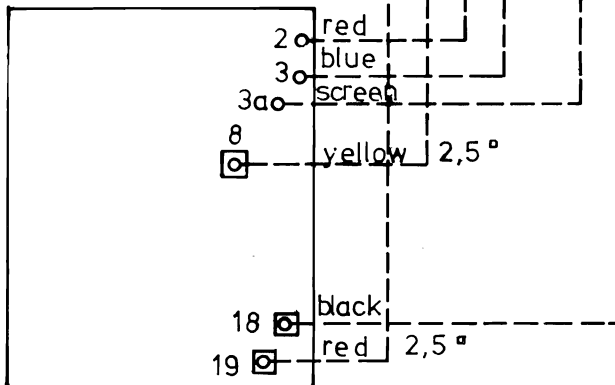
Connected to
18 pin "Painton"
at local control

Note 1

Microphone
Screen

Key (5A)
+ for keying
Ext. L.S.

Strapping
+12,6V Batt/
+12,6V conv.
Chassis



Control box printboard AP 331 (Note 2)
for remote controlled mobile.

Note 1: 18 pin connector is mounted
as usual in accordance to
the respective installation
instruction.

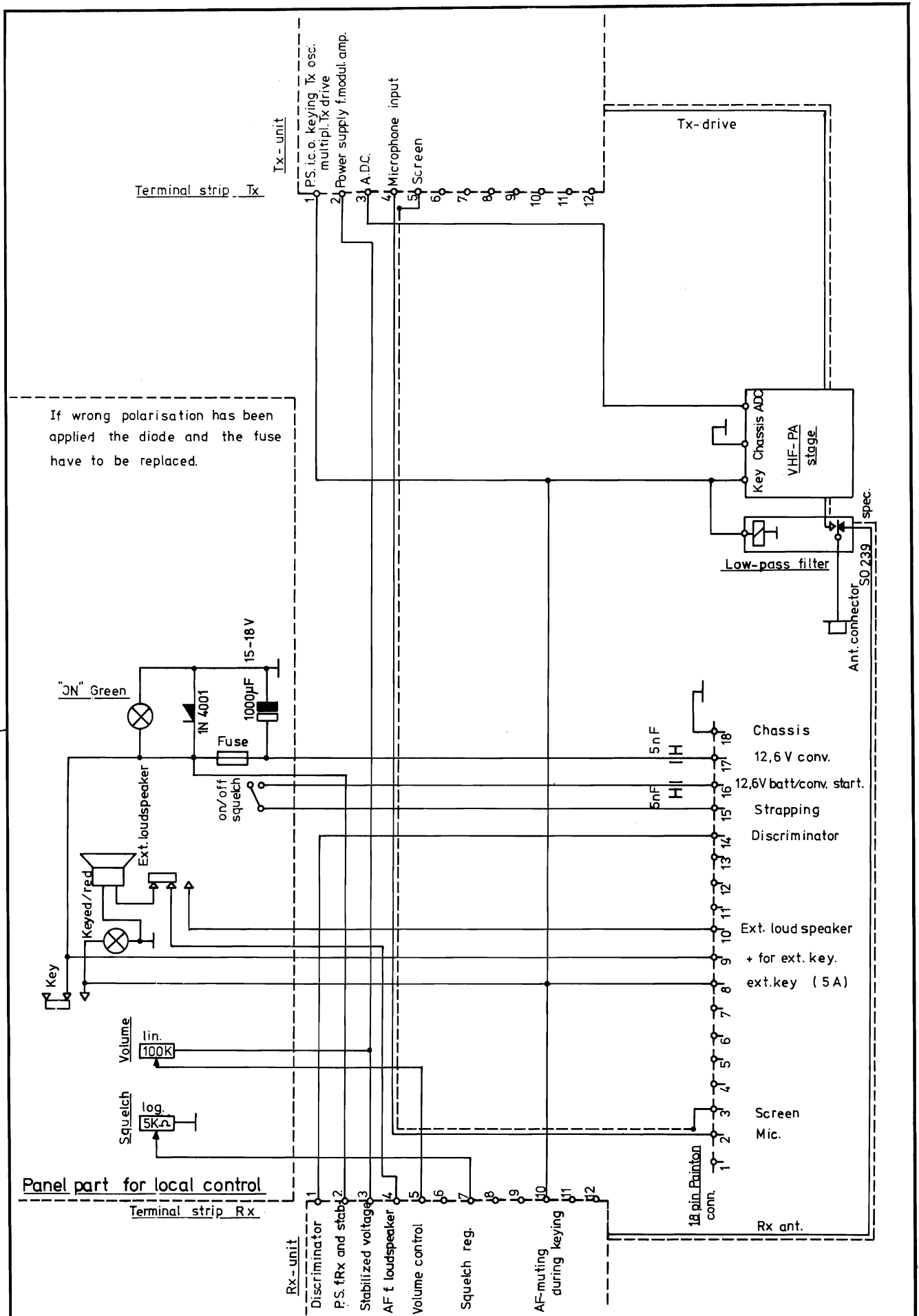
Note 2: Control box print board
is mounted as usual in
accordance to the respec-
tive installation instruc-
tion.

Erstatter 68190/4.

Rettet:	Local- and Remote controlled AP 700	Tegn.: A.B.P. 1/9-70	Kontr.: EF 1/9-70
	Close-talk adapter	Stykl. nr.: 70238/4	
	AP-RADIOTELEFON	Tegn. nr.: 70237/4	

AP-RADIOTELEFON

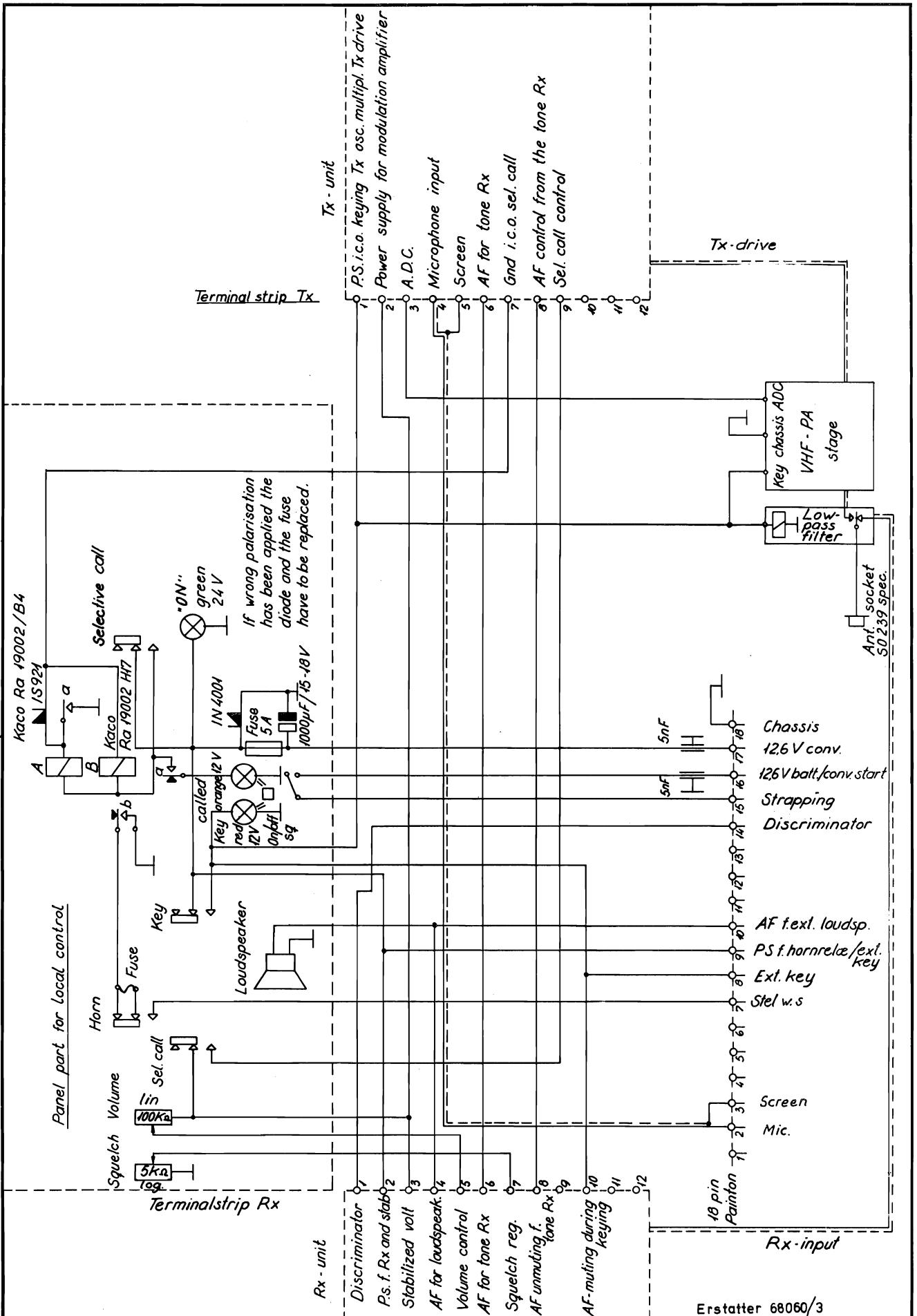
Nr.	Kode	Data	Nr.	Kode	Data
R1		220 ohm $\frac{1}{4}$ W			
R2		220 ohm pot.			
Rel. -A		RA 19002/B4			
Rel. -B		RA 19001/T1			
Local-and Remote Controlled Close-talk Adapter AP 700 Tilhører tegn. nr.: 70237/4			Rettet:		Tegn.: Kontr.:
					Stykl. nr.: 70238/4



If wrong polarisation has been applied the diode and the fuse have to be replaced.

Panel part for local control

Rettet:	MOBILE AP 700 LOCAL CONTROLLED	Tegn.: 19-8-70	Kontr.: 19/8-70
	SIMPLEX, 1 CHANNEL, FUNCTION, LAY-OUT	ABP	E.F.
		Stykl. nr.:	
		Tegn. nr.: Erstatter 68069/3	
	AP-RADIOTELEFON		70202/4



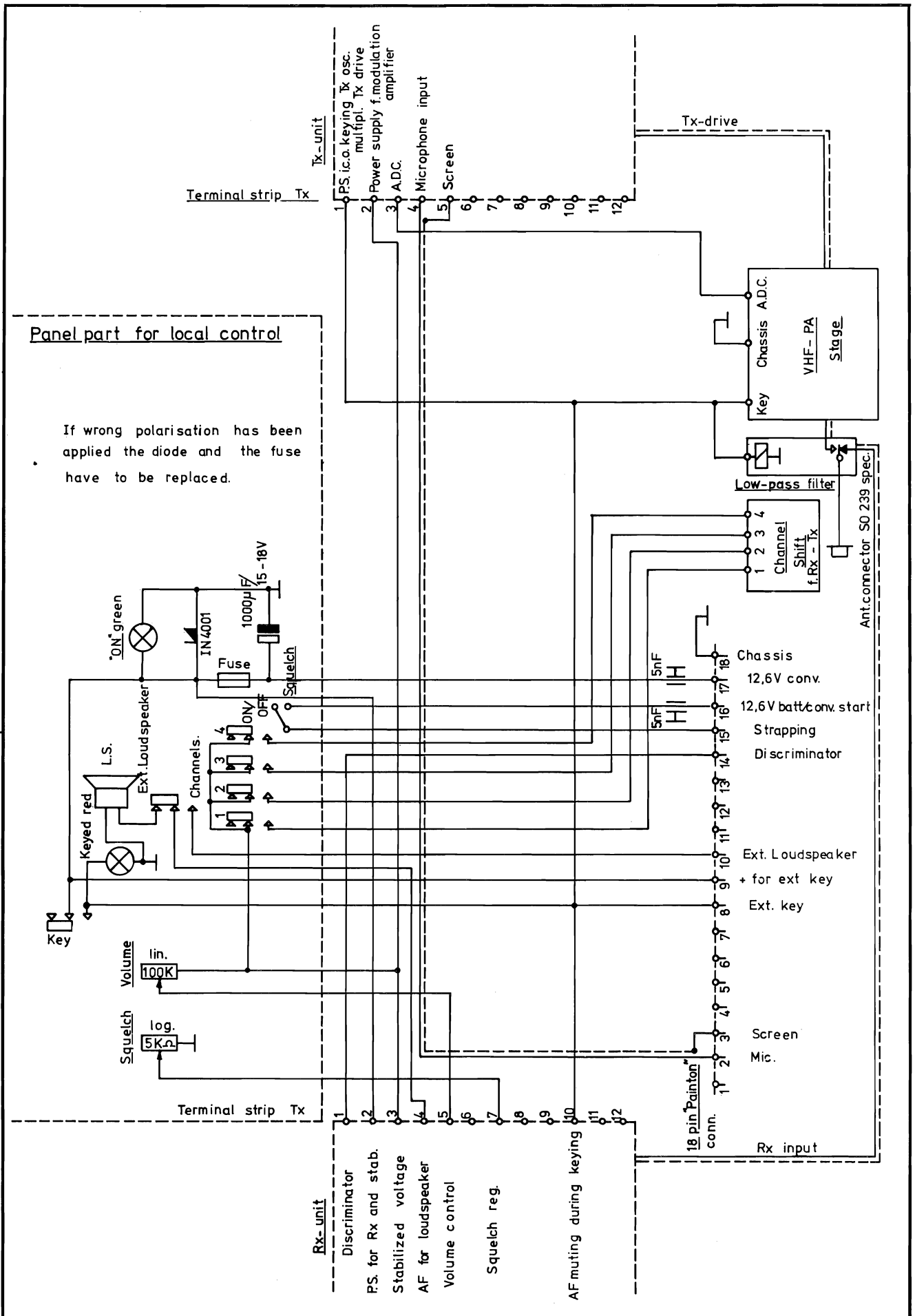
Erstatter 68060/3

Rettet:

Mobile AP 700
Local controlled simplex 1 channel, sel. call
function lay-out.

AP-RADIOTELEFON

Tegn.:	U.K.	Kontr.:	E.F.
Stykl. nr.:	2-9-70		
Tegn. nr.:	70225/4		

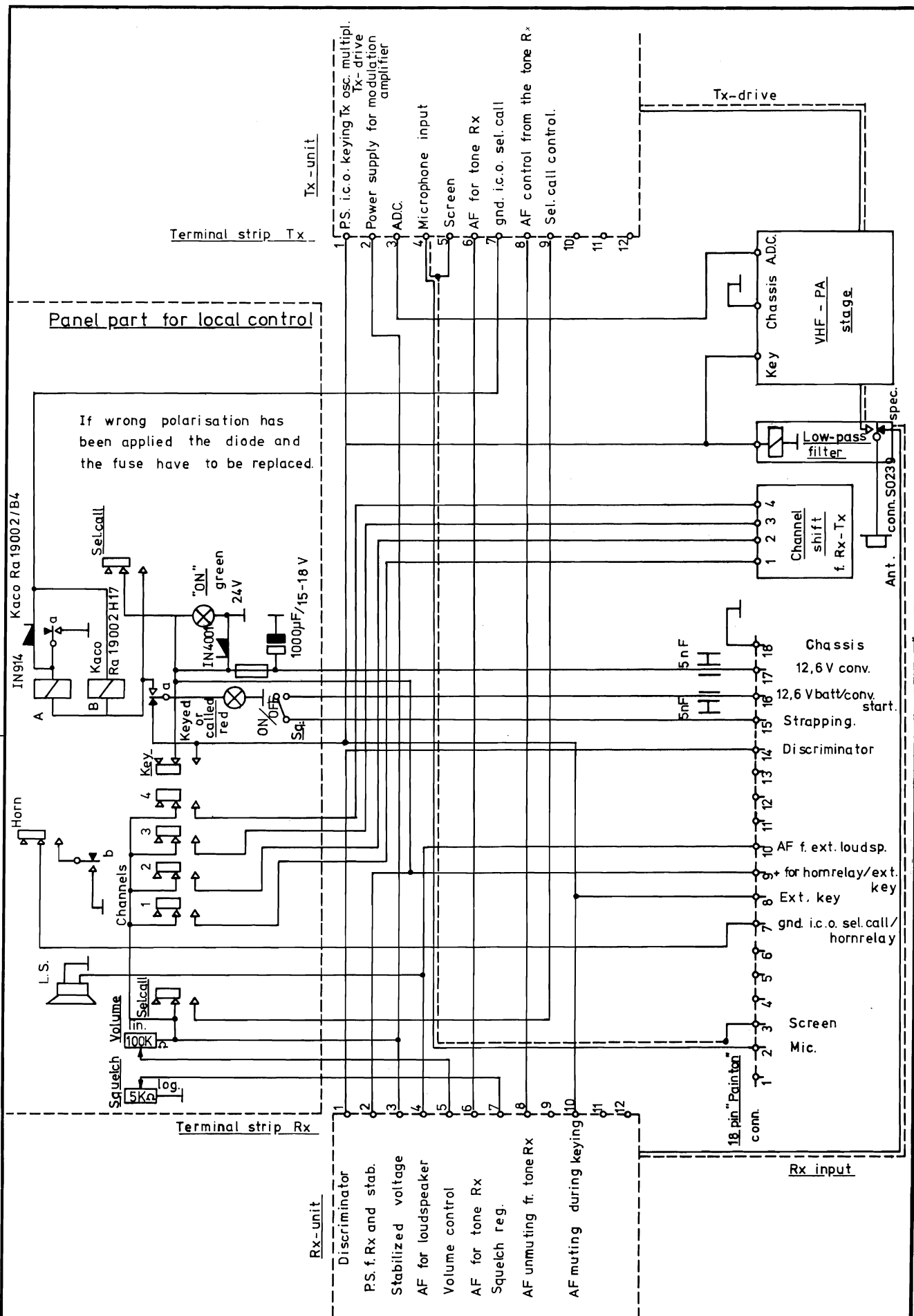


Rettet:

**MOBILE AP 700, LOCAL CONTROLLED SIMPLEX,
4 CHANNELS, FUNCTION LAY- OUT**

AP-RADIOTELEFON

Tegn.: 20-8-70	AB.P.	Kontr.: E.F. 20-8-70
Stykl. nr.:		
Tegn. nr.: Erstatte 68068/3		
70207/4		

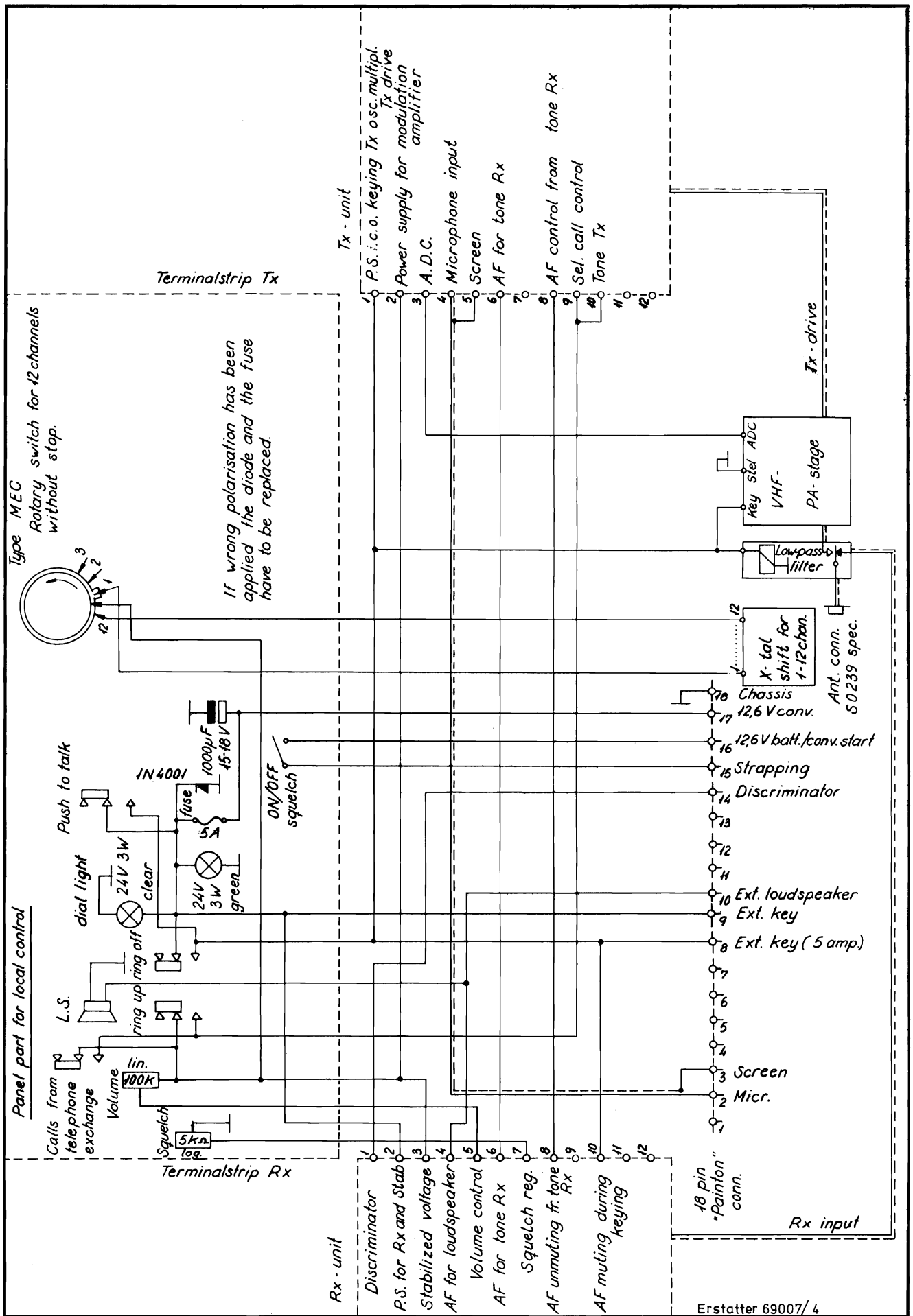


Rettet:

MOBILE AP 700 LOCAL CONTROLLED SIMPLEX
 4 CHANNELS. SEL. CALL. FUNCTION LAY-OUT

AP-RADIOTELEFON

Tegn.: 24/8-70 A.B.P	Kontr.: 24/8-70 E.F
Stykl. nr.:	
Tegn. nr.: Erstatter.nr. 68064/3	
70214/4	

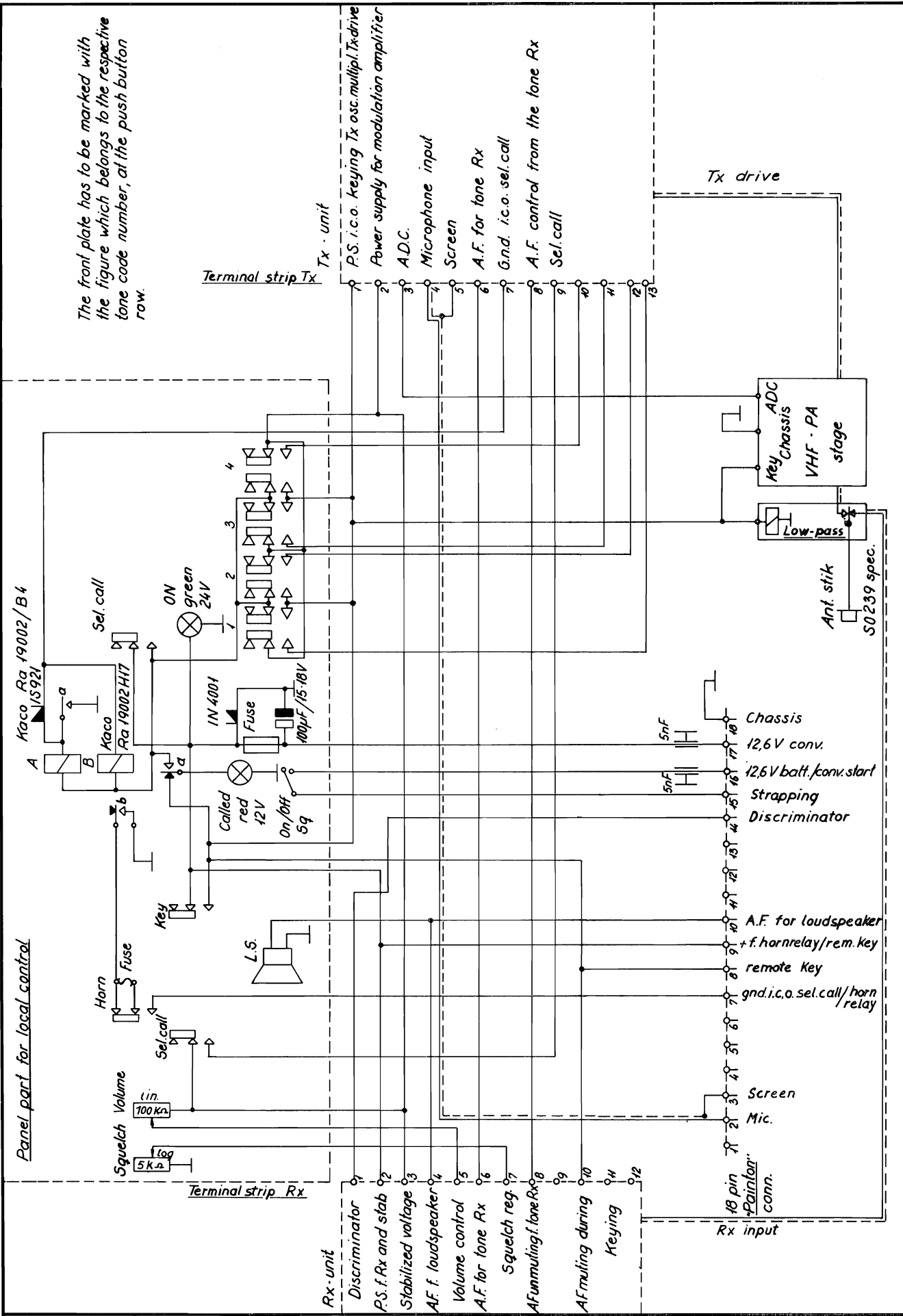


Rettet:

Local controlled AP 700
 Simplex, 12 channels for mobile telephone service
 (MTS) function lay-out

AP-RADIOTELEFON

Erstatter 69007/4	
Tegn.: UK	Kontr.: E.F. 8-9-70
Stykl. nr.:	
Tegn. nr.:	
70223/4	



Rettet:

Mobile AP 700
 Local controlled simplex 1 channel sel. call with
 4 sequence tone unit function lay out
AP-RADIOTELEFON

Tegn.: U.K.	Kontr.: E.F. 2-9-70
Stykl. nr.:	
Tegn. nr.: Erstatte 69069/3	70243/4