

Technical description  
for AP 2000, UHF, 2 M  
and 4 M.

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Ordering number for complete radio

The frequency group number must always be stated in connection with an order for a radio or a radio section. The frequency group number can be found in this table.

Frequency/ group number	Receiverfrequency	Band
01	140-160 Mhz	2m-VHF
02	160-174 Mhz	2m-VHF
03	68- 88 Mhz	4m-VHF
04	406-432 Mhz	O, 7m-UHF
05	432-450 Mhz	O, 7m-UHF
06	450-470 Mhz	O, 7m-UHF

In the same way the type number (PTT number) must always be stated when ordering. The type number is found on the following page's. However, you must make sure, that the type number which is stated when making an order, is in agreement with the type number which is given to the radio by the authorities in the country in question.

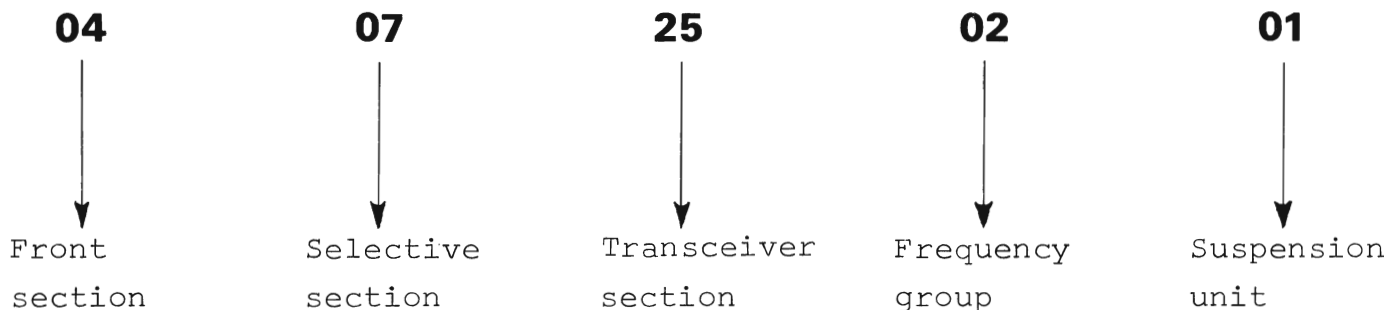
It is also important that it is stated how much output power the radio in question must be equipped with.

The order number is stated as follows:

On the order to AP Radiotelefon it will say:

1 piece 25 Watt AP 2000 mobile radio.

Number 04-07-25-02-01 type AP 2225.



Stock numbers for frontsections.

When numbering frontsections with different text, the first figure in the second half of the stock no. (206-X00), is used in the following way:

- X {
- 0 - English
  - 1 - Danish
  - 2 - German
  - 3 - French
  - 4 - Spanish
  - 5 - Italian
  - 6 -
  - 7 - Symbols
  - 8 - Special text
  - 9 - For special systems

Exampel: 206 - 003 1 channel, without sel. English  
206 - 103 1 channel, without sel. Danish  
206 - 203 1 channel, without sel. German

Stock no. for frontsections

T E X T

Front-sections no.	0 English	1 Danish	2 German	3 French	4 Spanish	5 Italian	6	7 Symbols	8 Spec.	9 Spec. Syst.	Remarks
01	206-001										
02	206-002										
03	206-003		206-203					206-703			206-703 not compl.
04	206-004		206-204					206-704			206-704 not compl.
05	206-005		206-205					206-705			206-705 not compl.
06	206-006										(only f. spec. purposes)
07	206-007										
08	206-008										
09	206-009										
10	206-010										
11	206-011										
12	206-012										
13	206-013										
14	206-014										
15		206-115									Norwegian pub.tel.
16	206-016										
17	206-017										
18		206-118									
19		206-119									MTD w. scanning MTD
20	206-020										
21	206-021										
22			206-222								
23			206-223								
24											
25											Spec.french n.c.
26	206-025										
27											
28											
29											
30											
31				206-331							
32				206-332							
33											
34									206-833 206-834		Spec.french n.c. Falck (finnish pub.tel.)

Remark: When a frontsection with the desired text is not available, one with english text is delivered.

Correction dates

5/77  
16/77

## TYPE NUMBER FOR

AP 2000

The type number has the following construction:

AP XXXX - XX

The first half of the number is determinative for transmitter/receiver. The second half of the number is determinative for operation and the front unit.

The first "X" will always be a "2", number two "X" shall state the operating band, which is :

4 m = 4

3 m = 3

2 m = 2

0,7m = 1

The two following numbers are important for the output and possible differences, if any. When a station is in compact cassette, i.e. without ext. PA-stage, the last two numbers in the first half may be from 50-99. All units with ext. PA-stage have the numbers from 00-49.

Thus the function of the station, number of channels, and output are determined by the type number. As an example a 2m, 25W with 12 channels and selective Tx/Rx is numbered:

AP 2225 - 11

Serial no. 1975.

The serial number must always be stated on the type plate and chassis.



UHF band 406-470 MHz

Type no. for complete sets in AP 2000 series.

AP type no.	Main unit	RF-power	Channel spacing	Ext. PA	Int. PA	Print con.	Socket con.	Interm.	Contin.	Duplex	Remarks
AP 2115	201-027	15 W	25 kHz	X			X		X		
AP 2116	201-027	15 W	25 "	X			X			X	
AP 2120-18	201-032	25 W	25 "	X			X			X	MTD scanning
AP 2125	201-027	25 W	25 "	X			X		X		
AP 2126	201-027	25 W	25 "	X			X			X	
AP 2126-19	201-027	25 W	25 "	X			X			X	MTD
AP 2155	201-030	6 W	25 "		X		X		X		
AP 2156	201-034	6 W	25 "		X	X			X		
AP 2157	201-030	6 W	20 "		X		X		X		
AP 2158	201-034	6 W	20 "		X	X			X		
AP 2160	201-030	10 W	25 "		X		X		X		
AP 2161	201-034	10 W	25 "		X	X			X		
AP 2162-18	201-030	10 W	25 "		X		X		X		MTD simp. scanning
AP-2163	201-034	10 W	20 "		X	X			X		

Type no. for complete sets in AP 2000 series.

2 M band 146-179 MHz

AP type no.	Main units	RF-pow.	channel spacing	Ext.PA	Int.PA	Print conn.	Socket conn.	Intern	Contin.	Duplex	Remarks
AP 2215	201-025	15 W	25 kHz	x			x		x		
AP 2216	201-025	15 W	25 kHz	x			x			x	
AP 2216-15	201-025	15 W	25 kHz	x			x			x	Norwegian publ. tele.
AP 2225	201-025	25 W	25 kHz	x			x		x		
AP 2226	201-025	25 W	25 kHz	x			x			x	
AP 2227	201-025	25 W	20 kHz	x			x		x		
AP 2253	201-048	6 W	20 kHz		x		x		x		
AP 2255	201-028	6 W	25 kHz		x		x		x		
AP 2256	201-031	6 W	25 kHz		x	x			x		
AP 2257	201-028	6 W	20 kHz		x		x		x		
AP 2258	201-031	6 W	20 kHz		x	x			x		
AP 2259	201-048	6 W	25 kHz		x		x		x		dual rec.
AP 2260	201-028	10 W	25 kHz		x		x	x			
AP 2261	201-031	10 W	25 kHz		x	x		x			
AP 2262	201-028	10 W	20 kHz		x		x	x			
AP 2263	201-031	10 W	20 kHz		x	x		x			
AP 2265	201-036	15 W	25 kHz		x		x	x			

2 M band 146-179 MHz

Type no. for complete sets in AP 2000 series.

AP type no.	Main units	RF-pow.	channel spacing	Ext.PA	Int.PA	Print conn.	Socket conn.	Intern	Contin.	Duplex	Remarks
AP 2265-15	201-036	15 W	25 kHz		x		x	x			Norwegian publ.tele.
AP 2266	201-039	15 W	25 kHz		x	x		x			
AP 2266-15	201-039	15 W	25 kHz		x	x		x			Norwegian publ.tele.
AP 2267-34	201-044	15 W	25 kHz		x		x	x			Finnish publ.tele.
AP 2269	201-048	10 W	25 kHz		x		x	x			Dual rec.
AP 2275	201-036	25 W	25 kHz		x		x	x			
AP 2276	201-039	25 W	25 kHz		x	x		x			
AP 2277-33	201-043	25 W	25 kHz		x		x	x			FALCK
AP 2279	201-046	15 W	25 kHz		x		x	x			Dual rec
AP 2281	201-051	25 W	12,5 kHz		x		x	x			160 channels
AP 2282	201-053	25 W	12,5 kHz		x	x		x			160 channels
AP 2289	201-046	25 W	25 kHz		x		x	x			Dual rec

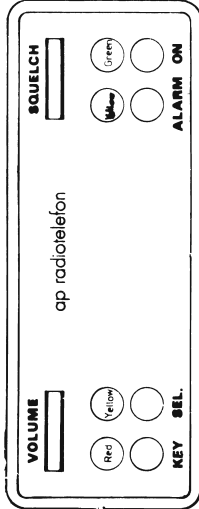
Type no. for complete sets in AP 2000 series.

4 M band 68-88 MHz

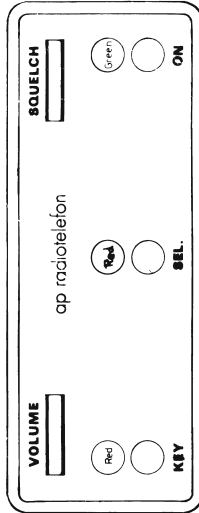
AP type no.	Main units	RF-pow.	channel spacing	Ext.PA	Int.PA	Print conn.	Socket conn.	Intern	Contin.	Duplex	Remarks
AP 2415	201-026	15 W	25 kHz	x			x		x		
AP 2416	201-026	15 W	25 kHz	x			x			x	
AP 2425	201-026	25 W	25 kHz	x			x		x		
AP 2426	201-026	25 W	25 kHz	x			x			x	
AP 2455	201-050	6 W	12,5 kHz		x		x		x		spec. Dutch.pol.
AP 2456	201-033	6 W	25 kHz		x	x			x		
AP 2457	201-029	6 W	20 kHz		x		x		x		
AP 2458	201-033	6 W	20 kHz		x	x			x		
AP 2459	201-049	6 W	25 kHz		x		x		x		Dual rec.
AP 2460	201-029	10 W	25 kHz		x		x	x			
AP 2461	201-033	10 W	25 kHz		x	x		x			
AP 2462	201-029	10 W	20 kHz		x		x	x			
AP 2463	201-033	10 W	20 kHz		x	x		x			
AP 2464	201-054	10 W	12,5 kHz		x		x	x			spec. dual Dutch, pol. Rx
AP 2465	201-037	15 W	25 kHz		x		x	x			
AP 2466	201-040	15 W	25 kHz		x	x		x			
AP 2472	201-054	25 W	12,5 kHz		x	x		x			



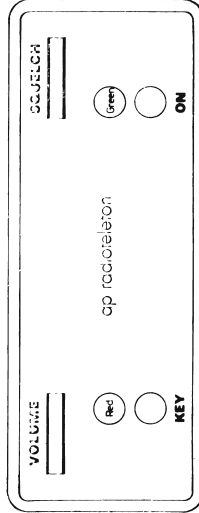
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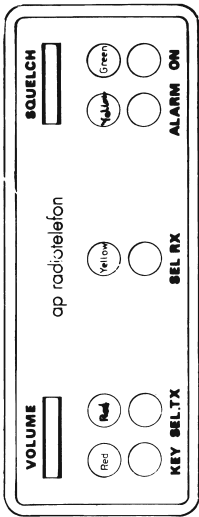
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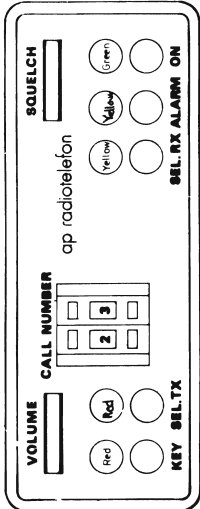
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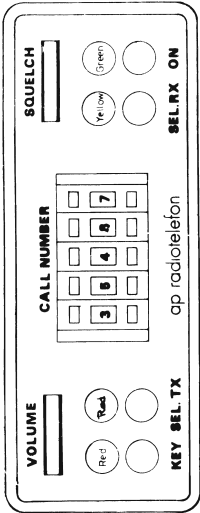
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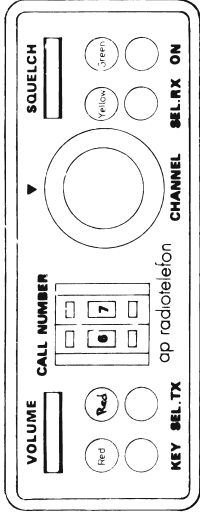
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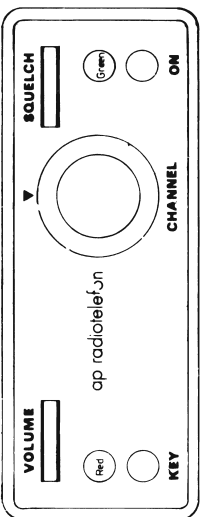
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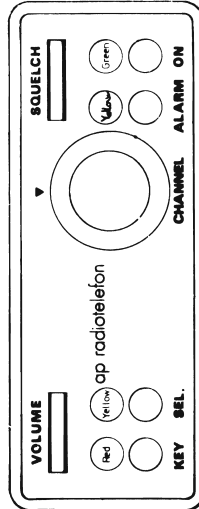
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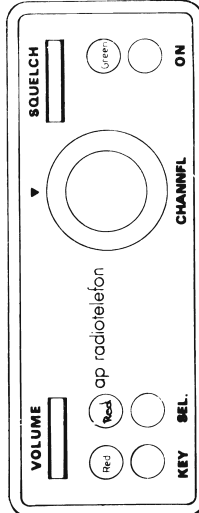
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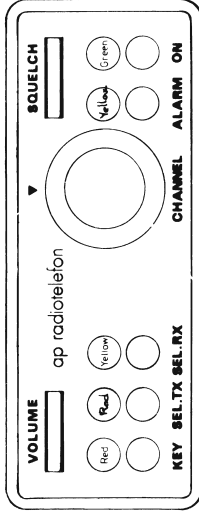
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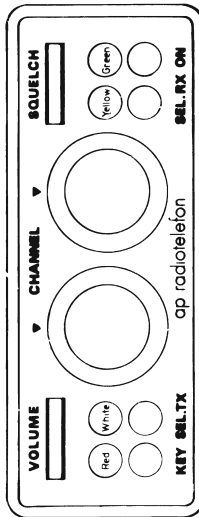
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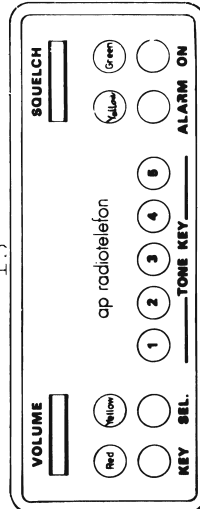
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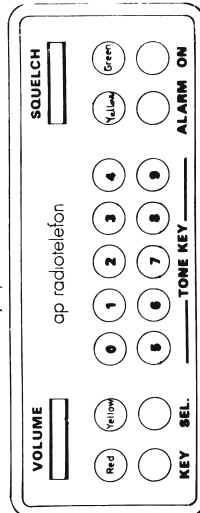
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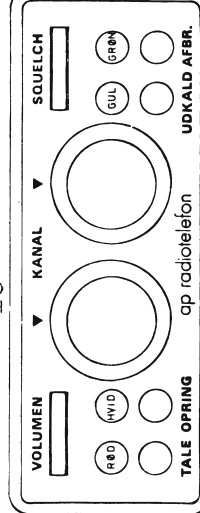
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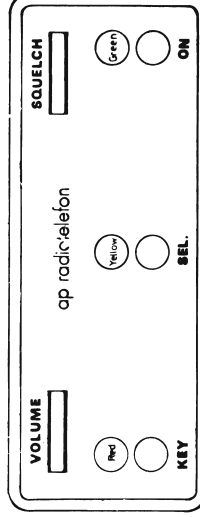
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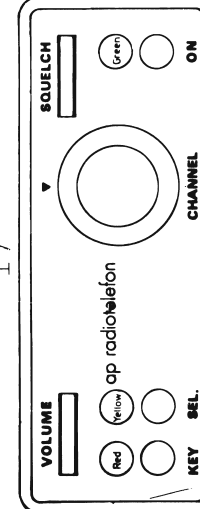
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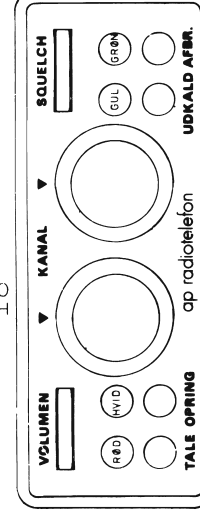
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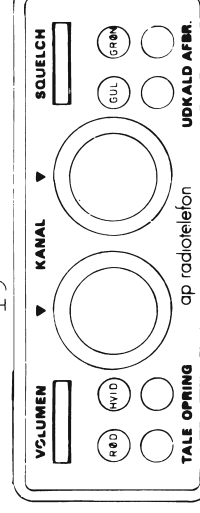
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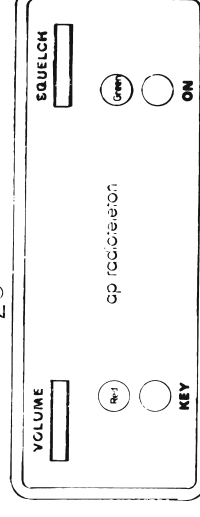
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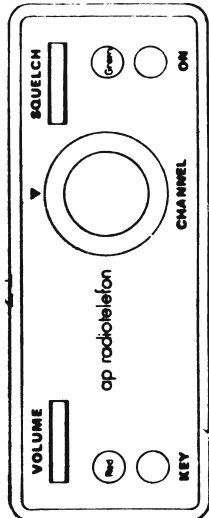
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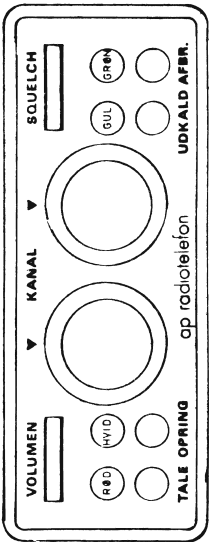
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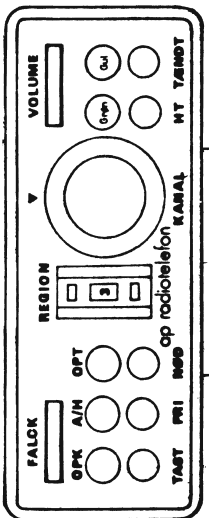
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24

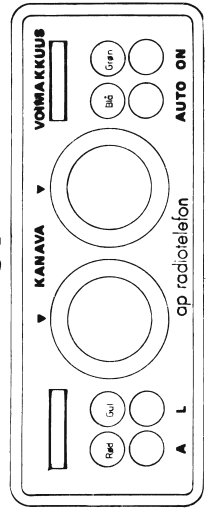


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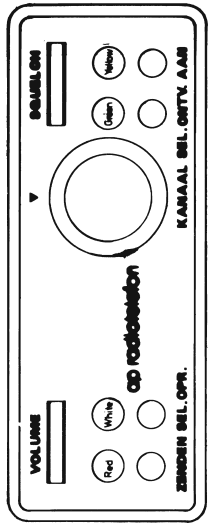


Plug in unit

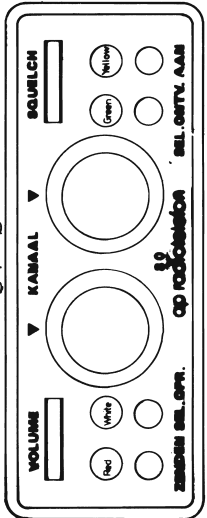
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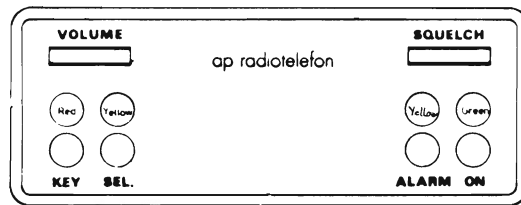


36 S



37 S



FRONT SECTION NO. 01.

APPLICATION: 1 channel Tx/Rx with selective receiver and external alarm.

BUTTONS:

ON: Push for on/off, green lamp indicating.  
Key: Push for talk, red lamp indicating.  
Sel: When pushing, the yellow lamp goes on and off. The yellow lamp indicates that the loud-speaker and key are blocked. When receiving a selective call the yellow lamp flashes.

ALARM: External alarm is connected when the yellow lamp is lit.

Front section no. 206-001 fits to the following units/mountings:

Spec.	Channel spacing	Frekv. MHz	6 W	6 W m.printconn.	25 W kon.	25W/UHF 10W intermitt.	25W/UHF 10W m. printconn. intermitt.	25 W duplex
	20 kHz & 25 kHz	68-88	201-029 215-004	201-033 215-006	201-026 215-002	201-037 201-004	201-040 215-006	201-026 215-005 204-006
Dual Rx	20 kHz & 25 kHz	68-88	201-049 215-004	201-048 215-006			201-047 215-006	
	12,5kHz	68-88				201-052 215-004	201-054 215-006	
	20 kHz & 25 kHz	146-174	201-028 215-004	201-031 215-006	201-025 215-001	201-036 215-004	201-039 215-006	201-025 215-005 204-004
Dual Rx	20 kHz & 25 kHz	146-174				201-046 215-004		
	12,5kHz	146-174				201-051 215-004	201-053 215-006	
	20 kHz & 25 kHz	406-470	201-030 215-004	201-034 215-006	201-027 215-003	201-030 215-004	201-034 215-006	201-027 215-005 204-005

Tone units: 2-tones Rx                      Tones: AP        219-009  
                   3-tones Rx                      Tones: AP        219-011  
                   5-tones Rx                      Tones: CCIR     219-010  
                   5-tones Rx                      Tones: ZVEI     219-014