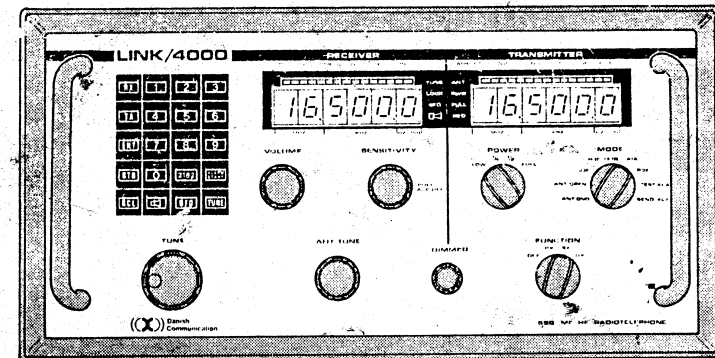


LINK/4000 SSB

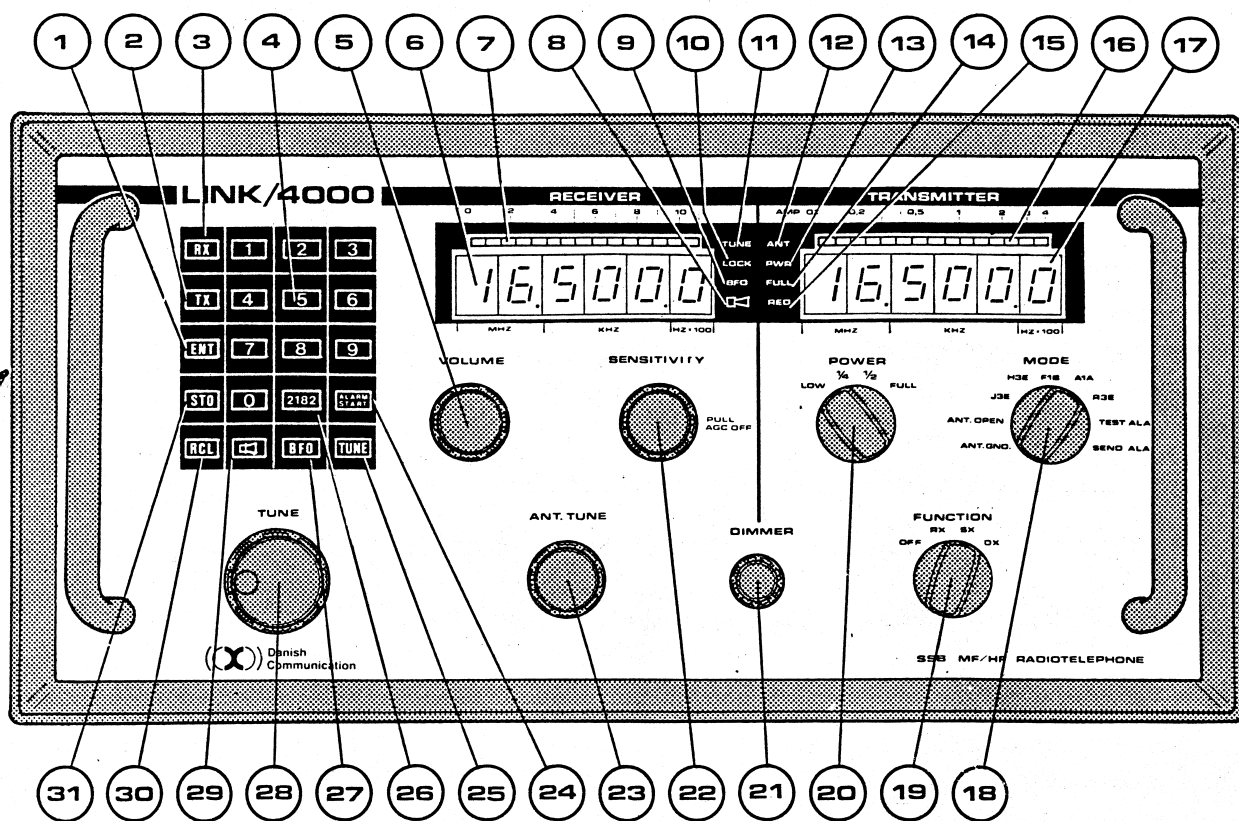
USER'S MANUAL



1 EDITION SC 2.0X

Serial no.

Software code.



D I S T R E S S O P E R A T I O N

1. Switch on the station with "Function" switch (19) .
2. Set "MODE" switch (18) in position "Send Alarm".
3. Press the red "2182" KHz key (26) . Wait until the "Tune" text disappears from the TX display (17) .
4. Press the "ALARM START" (24) , and the alarm signal is transmitted for 45 secs.
5. When the alarm stops (the light in the "PWR" lamp is switched off) . Communicate normally.

1.0 SWITCH ON

Turn "Function" switch (19) to position "RX", "SX" or "DX" and the LINK will automatically start a "Self-test" routine.

During this "Self-test" all segments are first turned on in the display. Thereafter a software code will be displayed e.g. S.C 2.01 010110.

Should faults be found during the "Self-test", these "Errors" will be listed on the display in numerical order.

The "Self-test" being completed, the transceiver is automatically adjusted to the set-up, which was displayed when the station was switched off.

RECEIVER FUNCTIONS

2.0 RX FREQUENCY

- 2.1 Select the wanted modulation mode by means of "MODE" switch (18).
- 2.2 Press the "RX" key (3) which will clear the RX display (6).
- 2.3 Key the wanted frequency by pressing the number keys (4).
- 2.4 Press the key "ENT" (1), and the receiver is ready.

Should the keyed frequency lie outside the permitted band, the display will show "HELP 3", and the RX display will thereafter start flashing. Repeat the above procedure from point 2.1.

3.0 CLARIFIER, BFO and RX FREQUENCY TUNE

The "TUNE" knob (28) functions as clarifier, as RX Frequency Tune and as BFO control. The lamps "TUNE" (11), "LOCK" (10) and "BFO" (9) shows the current function.

When the lamp "TUNE" (11) is turned on, the "TUNE" knob (28) functions as RX Frequency Tune.

When the lamp "LOCK" (10) is turned on, the receiver frequency is locked.

When the lamps "TUNE" (11) and "LOCK" (10) are switched off at the same time, the "TUNE" knob (28) functions as clarifier control.

Change between "TUNE", "LOCK" and "CLARIFIER" is achieved by pressing the "TUNE" key (25).

When the lamp "BFO" (9) is turned on, the "TUNE" knob (28) functions as BFO control.

After each receiver frequency set-up there will be an automatical change to the "CLARIFIER" function.

By pressing the key "ENT" (1), the "LOCK" function is achieved.

3.1 CLARIFIER

Press the "TUNE" key (25) once or twice until the lights in the lamps "TUNE" (11) and "LOCK" (10) are switched off. The "TUNE" knob (28) functions now as clarifier control, and the receiver frequency can be moved ± 350 Hz.

When an RX frequency has been keyed, the "TUNE" knob (28) will automatically function as clarifier control.

3.2 RX FREQUENCY TUNE

Press the "TUNE" key (25) once or twice until the light in the lamp "TUNE" (11) is turned on. The receiver frequency can now be moved freely up and down with the "TUNE" knob (28).

Press the number key "1" (4) and the frequency is changed in steps of 10 Hz. (Is automatically selected by switching on the station).

Press the number key "2" (4) and the frequency is changed in steps of 100 Hz.

Press the number key "3" (4) and the frequency is changed in steps of 1 KHz.

Press the number key "4" (4) and the frequency is changed in steps of 10 KHz.

In mode H3E each step is multiplied by 10 e.i. 1 = 100 Hz steps, 2 = 1 KHz steps etc. Having completed the tuning, press the key "TUNE" (25) or the key "ENT" (1) and the frequency is locked (the lamp "LOCK" (10) is switched on).

3.3 BFO CONTROL

In mode A1A (morse) the "TUNE" knob (28) can function also as BFO control.

Press the "BFO" key (27) and the light in the "BFO" lamp (9) is turned on. It is now possible to adjust the BFO frequency from 0 to ± 3 KHz in steps of 33 Hz with the "TUNE" knob (28).

4.0 LOUDSPEAKER ON/OFF

The loudspeaker can be switched on and off with the LS key (29). The lamp (8) is lit when the loudspeaker is connected.

5.0 VOLUME CONTROL

The volume in the loudspeaker and in the microphone is controlled with the knob "VOLUME" (5).

6.0 RECEIVER SENSITIVITY

The sensitivity of the receiver is adjusted with the knob "SENSITIVITY" (22). The meter (7) indicates the signal strength.

By pulling the "SENSITIVITY" knob the AGC of the receiver can be disconnected.

7.0 RECEIVER ANTENNA TUNE

The function of the receiver "ANT TUNE" knob (23) is optional and is not mounted in a standard LINK equipment.

When this option is installed, it is possible to adjust the receiver to maximum sensitivity in Duplex mode ("DX").

TRANSMITTER FUNCTIONS

8.0 TX FREQUENCY

- 8.1 Set the "FUNCTION" switch (19) in position "SX" or "DX".
- 8.2 Select the wanted mode with the "MODE" switch (18).
- 8.3 Press the key "TX" (2) which will clear the display (17).
- 8.4 Key the wanted frequency with the number keys (4).
- 8.5 Press the key "ENT" (1) and the automatic antenna tuner T210 starts operating. While the tuner is being adjusted, the TX display (17) shows the text "Tune".

After 5-10 seconds the text "Tune" disappears from the display, and the transmitter is ready for use.

Should the keyed frequency lie outside the permitted band, the display shows "HELP 3", and the TX display will thereafter start flashing. Repeat the above procedure from point 8.1.

The antenna current meter (16) will show WSWR during the tuning.

9.0 POWER SELECTION

The output power of the transmitter is selected with the "POWER" switch (20) .

In position "LOW" the output power is 50W PEP

In position "1/4" the output power is 100W PEP

In position "1/2" the output power is 200W PEP

In position "FULL" the output power is 400W PEP

Full power having been selected, the lamp "FULL" (14) is turned on.

At other power levels the lamp "RED" (15) is lit.

Full power is not permitted in mode F1B (telex).

If the LINK has automatically reduced the power to a lower level than that selected with the "POWER" switch, the lamp "RED" (15) will flash. E.g. by tuner overheat ("Error 46").

10.0 OTHER TRANSMITTER FUNCTIONS

During transmission the meter (16) will indicate the antenna current.

The lamp "ANT" (12) is lit when the antenna relay is active.

The lamp "PWR" (13) is lit when the transmitter is keyed.

PROGRAMMING OF CHANNELS/RECALLING CHANNELS

In a standard LINK radiotelephone the user can himself program up to 99 channels (freq. pairs). Channels Nos 1-99 are reserved for this purpose.

Channels Nos 101-355 are programmed by the factory according to the user's specifications (totally max. 255 channels).

In addition to the above a standard LINK is programmed with all international telephone channels, ship to ship simplex channels, telex channels and international telegraphy call channels. Totally 552 channels.

11.0 CHANNEL PROGRAMMING

Prior to programming a channel, the wanted frequencies must be set up as described under points 2.0 and 8.0.

- 11.1 Press the key "STO" (31) RX and TX, display (6) (17) will show C O.
- 11.2 If only the transmitter or the receiver frequency is to be programmed/changed, press either "RX" (3) or "TX" (2). Otherwise proceed to point 11.3.
- 11.3 Key the wanted channel number with the number keys (4) (max 99).
- 11.4 Press "ENT" (1) , and the channel is programmed.

Should the keyed channel number be higher than 99, the display will show "HELP 2". In this case repeat from point 11.3.

12.0 RECALLING CHANNELS

- 12.1 Select the wanted modulation mode with "MODE" switch (18) .
- 12.2 Press the key "RCL" (30) , RX and TX display will show C O.
- 12.3 If only the transmitter or the receiver frequency is to be recalled, press either "RX" (3) or "TX" (2) . Otherwise proceed to point 12.4.
- 12.4 Key the wanted channel number with the number keys (4) .
- 12.5 Press the key "ENT" (1) , and the channel is recalled. T210 will automatically start the adjustment to the new transmitter frequency.

If the keyed channel number is not available, the display will show "HELP 2". Repeat from point 12.1.

If the recalled frequency is prohibited in the selected modulation mode, the display will show "HELP 7". Select the correct modulation form with "MODE" switch (18) or repeat from point 12.1.

If no RX frequency has been programmed into the recalled channel, the display will show "HELP 4".

If no TX frequency has been programmed into the recalled channel, the display will show "HELP 5".

NOTE! The international channels are defined by the current modulation mode, the band expressed in MHz succeeded by a serial No. I.e. mode "J3E" CH 1216 is the telephony channel 16 in the 12 MHz band. This frequency pair (channel) is not the same as e.g. "F1B" CH 1216.

Should the user want to see the current channel number, he should press "ENT" (1) and the channel number will be displayed for 2 seconds.

AUTOMATIC FREQUENCY STORAGE

Each time a receiver or a transmitter frequency is changed, the preceding frequency will be stored in a special storage location. Such frequencies can be recalled by pressing "RCL" (30) , "ENT" (1) .

If recall of only the RX or the TX frequency is wanted, press "RCL" (30) , "RX" (3) or "TX" (2) , "ENT" (1) .

13.0 OTHER FUNCTIONS

13.1 FUNCTION SELECTION

RX, SX or DX can be selected with the "FUNCTION" switch (19) .

In position "RX" the transmitter unit is switched off and the TX display shows "OFF".

In position "SX" the station operates in simplex mode.

In position "DX" the station operates in duplex mode (duplex installation is necessary for operating duplex).

13.2 MODE SELECTION

The modulation mode etc is selected with "MODE" switch (18) .

In position "J3E" the station operates in USB.

In position "H3E" the station operates in USB Full Carrier.

In position "F1B" the station operates in Telex mode (600 ohm line input is automatically selected).

In F1B mode the transmitter and the receiver frequency will also be automatically offset by -1.5 KHz, which means that the user has keyed the "assign frequency" direct.

In position "A1A" the station operated in CW (morse).

In position "R3E" the station operates in USB Reduced Carrier.

In position "ANT. OPEN" the antenna will be open and the transmitter and the receiver will be switched off (RX and TX display shows "OFF").

In position "ANT. GND" the antenna is grounded and the receiver and the transmitter will be switched off (RX and TX display shows "OFF").

In position "TEST ALARM" the station operates in "H3E" mode, and the transmitter, the receiver and the alarm generator can be tested. When the "MODE" switch is in position "TEST ALARM", the transmitter and the receiver will automatically be set at the test frequency 2.2 MHz and T210 is adjusted to the built-in dummy load.

Press the key "ALARM START" (24) and the alarm signal can be heard in the microtelephone.

The alarm stops automatically after 45 seconds but can also be stopped by re-pressing the "ALARM START" key (24) .

In position "SEND ALARM" the station operates in "J3E" (USB) mode, and the alarm signal can be transmitted by pressing "ALARM START" (24) .

13.3 AUTOMATIC 2182 SELECTION

Press the key "2182" (26) and both receiver and transmitter will be set at 2.182 MHz. "FULL POWER", "SX" and "H3E" mode are selected automatically, and the decimal points in the display will start to flash.

When the station is in automatic "2182" mode, the "POWER" switch (20) , the "MODE" switch (18) and the "FUNCTION" switch (19) do not function.

Press the key "ENT" (1) , and the station functions as normally (the decimal points will stop flashing).

HELP 0 = INVALID MODE
 HELP 1 = INVALID KEY
 HELP 2 = INVALID CHANNEL/LOCATION NO
 HELP 3 = INVALID RX/TX FREQUENCY IN MODE
 HELP 4 = RECALLED RX CHANNEL/LOCATION EMPTY
 HELP 5 = RECALLED TX CHANNEL/LOCATION EMPTY
 HELP 6 = TX KEY BLOCK
 HELP 7 = MODE/FREQUENCY CONFLICT

SUMMARY OF RT 210 ERROR CODES

ERROR 20 = COMMUNICATION ERROR
 ERROR 21 = COMMUNICATION BREAK
 ERROR 22 = INVALID COMMAND REC
 ERROR 23 = BUFFER OVERFLOW
 ERROR 27 = STI ERROR

 ERROR 30 = RAM CHANNEL/LOCATION ERROR
 ERROR 31 = TUNER PREDATA ERROR
 ERROR 32 = POWER UP/DAWN ERROR
 ERROR 33 = MPU WATCHDOG ERROR
 ERROR 34 = MPU INTERRUPT WATCHDOG ERROR

 ERROR 40 = TUNER WILL NOT RETURN TO STARTING POS.
 ERROR 41 = TUNING TIME OUT
 ERROR 42 = TUNE ERROR
 ERROR 43 = PREDATA ERROR
 ERROR 44 = POWER FAIL
 ERROR 45 = SWR ERROR
 ERROR 46 = TUNER OVERHEAT
 ERROR 47 = TUNER RESET

 ERROR 50 = SYNTHESIZER LOCK ERROR

ERROR 60	=	KEY SCAN ERROR
ERROR 61	=	MODE/PWR/FUNCTION ERROR
ERROR 62	=	INTERRUPT ERROR
ERROR 63	=	TIMER ERROR
ERROR 64	=	STACK POINTER ERROR
ERROR 70	=	ILLEGAL BANDS UNIT
ERROR 71	=	ILLEGAL RECIVER
ERROR 72	=	ILLEGAL SYNTHESIZER
ERROR 73	=	ILLEGAL EXCITER

LINK Standard Telegraphy Calling Channels. (A1A)

CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)	CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)	CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)
401	4 180 2	4 180 2	801	8 360 4	8 360 4	1601	16 720 8	16 720 8
402	4 180 6	4 180 6	802	8 361 2	8 361 2	1602	16 722 4	16 722 4
403	4 181 0	4 181 0	803	8 362 0	8 362 0	1603	16 724 0	16 724 0
404	4 181 4	4 181 4	804	8 362 8	8 362 8	1604	16 725 6	16 725 6
405	4 181 8	4 181 8	805	8 363 6	8 363 6	1605	16 727 2	16 727 2
406	4 182 2	4 182 2	806	8 364 4	8 364 4	1606	16 728 8	16 728 8
407	4 182 6	4 182 6	807	8 365 2	8 365 2	1607	16 730 4	16 730 4
408	4 183 0	4 183 0	808	8 366 0	8 366 0	1608	16 732 0	16 732 0
409	4 183 4	4 183 4	809	8 366 8	8 366 8	1609	16 733 6	16 733 6
410	4 183 8	4 183 8	810	8 367 6	8 367 6	1610	16 735 2	16 735 2
411	4 184 2	4 184 2	811	8 368 4	8 368 4	1611	16 736 8	16 736 8
412	4 184 6	4 184 6	812	8 369 2	8 369 2	1612	16 738 4	16 738 4
413	4 185 0	4 185 0	813	8 370 0	8 370 0	1613	16 740 0	16 740 0
414	4 185 4	4 185 4	814	8 370 8	8 370 8	1614	16 741 6	16 741 6
415	4 185 8	4 185 8	815	8 371 6	8 371 6	1615	16 743 2	15 743 2
416	4 186 2	4 186 2	816	8 372 4	8 372 4	1616	16 744 8	16 744 8
417	4 186 6	4 186 6	817	8 373 2	8 373 2	1617	16 746 4	16 746 4
418	4 187 0	4 187 0	818	8 374 0	8 374 0	1618	16 748 0	16 748 0
601	6 270 3	6 270 3	1201	12 540 6	12 540 6	2201	22 228 0	22 228 0
602	6 270 9	6 270 9	1202	12 541 8	12 541 8	2202	22 230 0	22 230 0
603	6 271 5	6 271 5	1203	12 543 0	12 543 0	2203	22 232 0	22 232 0
604	6 272 1	6 272 1	1204	12 544 2	12 544 2	2204	22 234 0	22 234 0
605	6 272 7	6 272 7	1205	12 545 4	12 545 4	2205	22 236 0	22 236 0
606	6 273 3	6 273 3	1206	12 546 6	12 546 6	2206	22 238 0	22 238 0
607	6 273 9	6 273 9	1207	12 547 8	12 547 8	2207	22 240 0	22 240 0
608	6 274 5	6 274 5	1208	12 549 0	12 549 0	2208	22 242 0	22 242 0
609	6 275 1	6 275 1	1209	12 550 2	12 550 2	2209	22 244 0	22 242 0
610	6 275 7	6 275 7	1210	12 551 4	12 551 4	2210	22 246 0	22 246 0
611	6 276 3	6 276 3	1211	12 552 6	12 552 6			
612	6 276 9	6 276 9	1212	12 553 8	12 553 8			
613	6 277 5	6 277 5	1213	12 555 0	12 555 0			
614	6 278 1	6 278 1	1214	12 556 2	12 556 2			
615	6 278 7	6 278 7	1215	12 557 4	12 557 4			
616	6 279 3	6 279 3	1216	12 558 6	12 558 6	2501	25 071 0	25 071 0
617	6 279 9	6 279 9	1217	12 559 8	12 559 8	2502	25 073 0	25 073 0
618	6 280 5	6 280 5	1218	12 561 0	12 561 0	2503	25 075 0	25 075 0

LINK Standard SSB Telephone Channels. (J3E/R3E)

CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)	CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)	CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)
400	4 419 4	4 125 0	600	6 521 9	6 215 5	800	8 780 9	8 257 0
401	4 357 4	4 063 0	601	6 506 4	6 200 0	801	8 718 9	8 195 0
402	4 360 5	4 066 1	602	6 509 5	6 203 1	802	8 722 0	8 198 1
403	4 363 6	4 069 2	603	6 512 6	6 206 2	803	8 725 1	8 201 2
404	4 366 7	4 072 3	604	6 515 7	6 209 3	804	8 728 2	8 204 3
405	4 369 8	4 075 4	605	6 518 8	6 212 4	805	8 731 3	8 207 4
406	4 372 9	4 078 5	606	6 521 9	6 215 5	806	8 734 4	8 210 5
407	4 376 0	4 081 6				807	8 737 5	8 213 6
408	4 379 1	4 084 7				808	8 740 6	8 216 7
409	4 382 2	4 087 8				809	8 743 7	8 219 8
410	4 385 3	4 090 9				810	8 746 8	8 222 9
411	4 388 4	4 094 0				811	8 749 9	8 226 0
412	4 391 5	4 097 1				812	8 753 0	8 229 1
413	4 394 6	4 100 2				813	8 756 1	8 232 2
414	4 397 7	4 103 3				814	8 759 2	8 235 3
415	4 400 8	4 106 4				815	8 762 3	8 238 4
416	4 403 9	4 109 5				816	8 765 4	8 241 5
417	4 407 0	4 112 6				817	8 768 5	8 244 6
418	4 410 1	4 115 7				818	8 771 6	8 247 7
419	4 413 2	4 118 8				819	8 774 7	8 250 8
420	4 416 3	4 121 9				820	8 777 8	8 253 9
421	4 419 4	4 125 0				821	8 780 9	8 257 0
422	4 422 5	4 128 1				822	8 784 0	8 260 1
423	4 425 6	4 131 2				823	8 787 1	8 263 2
424	4 428 7	4 134 3				824	8 790 2	8 266 3
425	4 431 8	4 137 4				825	8 793 3	8 269 4
426	4 434 9	4 140 5				826	8 796 4	8 272 5
						827	8 799 5	8 275 6
						828	8 802 6	8 278 7
						829	8 805 7	8 281 8
						830	8 808 8	8 284 9
						831	8 811 9	8 288 0
481	4 143 6	4 143 6	681	6 218 6	6 218 6	881	8 291 1	8 291 1
			682	6 221 6	6 221 6	882	8 294 2	8 294 2

LINK Standard SSB Telephone Channels. (J3E/R3E)

CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)	CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)	CH NO.	Receiver frequency (carrier)	Transmitter frequency (carrier)
1200	13 162 8	12 392 0	1600	17 294 9	16 522 0	2200	22 658 0	22 062 0
1201	13 100 8	12 330 0	1601	17 232 9	16 460 0	2201	22 596 0	22 000 0
1202	13 103 9	12 333 1	1602	17 236 0	16 463 1	2202	22 599 1	22 003 1
1203	13 107 0	12 336 2	1603	17 239 1	16 466 2	2203	22 602 2	22 006 2
1204	13 110 1	12 339 3	1604	17 242 2	16 469 3	2204	22 605 3	22 009 3
1205	13 113 2	12 342 4	1605	17 245 3	16 472 4	2205	22 608 4	22 012 4
1206	13 116 3	12 345 5	1606	17 248 4	16 475 5	2206	22 611 5	22 015 5
1207	13 119 4	12 348 6	1607	17 251 5	16 478 6	2207	22 614 6	22 018 6
1208	13 122 5	12 351 7	1608	17 254 6	16 481 7	2208	22 617 7	22 021 7
1209	13 125 6	12 354 8	1609	17 257 7	16 484 8	2209	22 620 8	22 024 8
1210	13 128 7	12 357 9	1610	17 260 8	16 487 9	2210	22 623 9	22 027 9
1211	13 131 8	12 361 0	1611	17 263 9	16 491 0	2211	22 627 0	22 031 0
1212	13 134 9	12 364 1	1612	17 267 0	16 494 1	2212	22 630 1	22 034 1
1213	13 138 0	12 367 2	1613	17 270 1	16 497 2	2213	22 633 2	22 037 2
1214	13 141 1	12 370 3	1614	17 273 2	16 500 3	2214	22 636 3	22 040 3
1215	13 144 2	12 373 4	1615	17 276 3	16 503 4	2215	22 639 4	22 043 4
1216	13 147 3	12 376 5	1616	17 279 4	16 506 5	2216	22 642 5	22 046 5
1217	13 150 4	12 379 6	1617	17 282 5	16 509 6	2217	22 645 6	22 049 6
1218	13 153 5	12 382 7	1618	17 285 6	16 512 7	2218	22 648 7	22 052 7
1219	13 156 6	12 385 8	1619	17 288 7	16 515 8	2219	22 651 8	22 055 8
1220	13 159 7	12 388 9	1620	17 291 8	16 518 9	2220	22 654 9	22 058 9
1221	13 162 8	12 392 0	1621	17 294 9	16 522 0	2221	22 658 0	22 062 0
1222	13 165 9	12 395 1	1622	17 298 0	16 525 1	2222	22 661 1	22 065 1
1223	13 169 0	12 398 2	1623	17 301 1	16 528 2	2223	22 664 2	22 068 2
1224	13 172 1	12 401 3	1624	17 304 2	16 531 3	2224	22 667 3	22 071 3
1225	13 175 2	12 404 4	1625	17 307 3	16 534 4	2225	22 670 4	22 074 4
1226	13 178 3	12 407 5	1626	17 310 4	16 537 5	2226	22 673 5	22 077 5
1227	13 181 4	12 410 6	1627	17 313 5	16 540 6	2227	22 676 6	22 080 6
1228	13 184 5	12 413 7	1628	17 316 6	16 543 7	2228	22 679 7	22 083 7
1229	13 187 6	12 416 8	1629	17 319 7	16 546 8	2229	22 682 8	22 086 8
1230	13 190 7	12 419 9	1630	17 322 8	16 549 9	2230	22 685 9	22 089 9
1231	13 193 8	12 423 0	1631	17 325 9	16 553 0	2231	22 689 0	22 093 0
1232	13 196 9	12 426 1	1632	17 329 0	16 556 1	2232	22 692 1	22 096 1
			1633	17 332 1	16 559 2	2233	22 695 2	22 099 2
			1634	17 335 2	16 562 3	2234	22 698 3	22 102 3
			1635	17 338 3	16 565 4	2235	22 701 4	22 105 4
			1636	17 341 4	16 568 5	2236	22 704 5	22 108 5
			1637	17 344 5	16 571 6	2237	22 707 6	22 111 6
			1638	17 347 6	16 574 7	2238	22 710 7	22 114 7
			1639	17 350 7	16 577 8	2239	22 713 8	22 117 8
			1640	17 353 8	16 580 9	2240	22 716 9	22 120 9
			1641	17 356 9	16 584 0			
1281	12 429 2	12 429 2	1681	16 587 1	16 587 1	2281	22 124 0	22 124 0
1282	12 432 3	12 432 3	1682	16 590 2	16 590 2	2282	22 127 1	22 127 1
1283	12 435 4	12 435 4	1683	16 593 3	16 593 3	2283	22 130 2	22 130 2
						2284	22 133 3	22 133 3
						2285	22 136 4	22 136 4

LINK Standard SSB Telex Channels. (F1B)

CH NO.	Receiver frequency (assigned)	Transmitter frequency (assigned)	CH NO.	Receiver frequency (assigned)	Transmitter frequency (assigned)	CH NO.	Receiver frequency (assigned)	Transmitter frequency (assigned)
401	4 350 0	4 170 5	801	8 705 0	8 344 0	1211	13 076 5	12 496 5
402	4 350 5	4 171 0	802	8 705 5	8 344 5	1212	13 077 0	12 497 0
403	4 351 0	4 171 5	803	8 706 0	8 345 0	1213	13 077 5	12 497 5
404	4 351 5	4 172 0	804	8 706 5	8 345 5	1214	13 078 0	12 498 0
405	4 352 0	4 172 5	805	8 707 0	8 346 0	1215	13 078 5	12 498 5
406	4 352 5	4 173 0	806	8 707 5	8 346 5	1216	13 079 0	12 499 0
407	4 353 0	4 173 5	807	8 708 0	8 347 0	1217	13 079 5	12 499 5
408	4 353 5	4 174 0	808	8 708 5	8 347 5	1218	13 080 0	12 500 0
409	4 354 0	4 174 5	809	8 709 0	8 348 0	1219	13 080 5	12 500 5
410	4 354 5	4 175 0	810	8 709 5	8 348 5	1220	13 081 0	12 501 0
411	4 355 0	4 175 5	811	8 710 0	8 349 0	1221	13 081 5	12 501 5
412	4 355 5	4 176 0	812	8 710 5	8 349 5	1222	13 082 0	12 502 0
413	4 356 0	4 176 5	813	8 711 0	8 350 0	1223	13 082 5	12 502 5
414	4 356 5	4 177 0	814	8 711 5	8 350 5	1224	13 083 0	12 503 0
			815	8 712 0	8 351 0	1225	13 083 5	12 503 5
			816	8 712 5	8 351 5	1226	13 084 0	12 504 0
			817	8 713 0	8 352 0	1227	13 084 5	12 504 5
			818	8 713 5	8 352 5	1228	13 085 0	12 505 0
			819	8 714 0	8 353 0	1229	13 085 5	12 505 5
			820	8 714 5	8 353 5	1230	13 086 0	12 506 0
			821	8 715 0	8 354 0	1231	13 086 5	12 506 5
			822	8 715 5	8 354 5	1232	13 087 0	12 507 0
			823	8 716 0	8 355 0	1233	13 087 5	12 507 5
			824	8 716 5	8 355 5	1234	13 088 0	12 508 0
			825	8 717 0	8 356 0	1235	13 088 5	12 508 5
601	6 494 5	6 256 5	826	8 717 5	8 356 5	1236	13 089 0	12 509 0
602	6 495 0	6 257 0	827	8 718 0	8 357 0	1237	13 089 5	12 509 5
603	6 495 5	6 257 5				1238	13 090 0	12 510 0
604	6 496 0	6 258 0				1239	13 090 5	12 510 5
605	6 496 5	6 258 5				1240	13 091 0	12 511 0
606	6 497 0	6 259 0				1241	13 091 5	12 511 5
607	6 497 5	6 259 5				1242	13 092 0	12 512 0
608	6 498 0	6 260 0				1243	13 092 5	12 512 5
609	6 498 5	6 260 5				1244	13 093 0	12 513 0
610	6 499 0	6 261 0				1245	13 093 5	12 513 5
611	6 499 5	6 261 5				1246	13 094 0	12 514 0
612	6 500 0	6 262 0				1247	13 094 5	12 514 5
613	6 500 5	6 262 5				1248	13 095 0	12 515 0
614	6 501 0	6 263 0				1249	13 095 5	12 515 5
615	6 501 5	6 263 5				1250	13 096 0	12 516 0
616	6 502 0	6 264 0	1201	13 071 5	12 491 5	1251	13 096 5	12 516 5
617	6 502 5	6 264 5	1202	13 072 0	12 492 0	1252	13 097 0	12 517 0
618	6 503 0	6 265 0	1203	13 072 5	12 492 5	1253	13 097 5	12 517 5
619	6 503 5	6 265 5	1204	13 073 0	12 493 0	1254	13 098 0	12 518 0
620	6 504 0	6 266 0	1205	13 073 5	12 493 5	1255	13 098 5	12 518 5
621	6 504 5	6 266 5	1206	13 074 0	12 494 0	1256	13 099 0	12 519 0
622	6 505 0	6 267 0	1207	13 074 5	12 494 5	1257	13 099 5	12 519 5
623	6 505 5	6 267 5	1208	13 075 0	12 495 0			
			1209	13 075 5	12 495 5			
			1210	13 076 0	12 496 0			

LINK Standard SSB Telex Channels. (F1B)

CH NO.	Receiver frequency (assigned)	Transmitter frequency (assigned)	CH NO.	Receiver frequency (assigned)	Transmitter frequency (assigned)	CH NO.	Receiver frequency (assigned)	Transmitter frequency (assigned)
1601	17 197 5	16 660 5	1651	17 222 5	16 685 5	2221	22 571 5	22 202 5
1602	17 198 0	16 661 0	1652	17 223 0	16 686 0	2222	22 572 0	22 203 0
1603	17 198 5	16 661 5	1653	17 223 5	16 686 5	2223	22 572 5	22 203 5
1604	17 199 0	16 662 0	1654	17 224 0	16 687 0	2224	22 573 0	22 204 0
1605	17 199 5	16 662 5	1655	17 224 5	16 687 5	2225	22 573 5	22 204 5
1606	17 200 0	16 663 0	1656	17 225 0	16 688 0	2226	22 574 0	22 205 0
1607	17 200 5	16 663 5	1657	17 225 5	16 688 5	2227	22 574 5	22 205 5
1608	17 201 0	16 664 0	1658	17 226 0	16 689 0	2228	22 575 0	22 206 0
1609	17 201 5	16 664 5	1659	17 226 5	16 689 5	2229	22 575 5	22 206 5
1610	17 202 0	16 665 0	1660	17 227 0	16 690 0	2230	22 576 0	22 207 0
1611	17 202 5	16 665 5	1661	17 227 5	16 690 5	2231	22 576 5	22 207 5
1612	17 203 0	16 666 0	1662	17 228 0	16 691 0	2232	22 577 0	22 208 0
1613	17 203 5	16 666 5	1663	17 228 5	16 691 5	2233	22 577 5	22 208 5
1614	17 204 0	16 667 0	1664	17 229 0	16 692 0	2234	22 578 0	22 209 0
1615	17 204 5	16 667 5	1665	17 229 5	16 692 5	2235	22 578 5	22 209 5
1616	17 205 0	16 668 0	1666	17 230 0	16 693 0	2236	22 579 0	22 210 0
1617	17 205 5	16 668 5	1667	17 230 5	16 693 5	2237	22 579 5	22 210 5
1618	17 206 0	16 669 0	1668	17 231 0	16 694 0	2238	22 580 0	22 211 0
1619	17 206 5	16 669 5	1669	17 231 5	16 694 5	2239	22 580 5	22 211 5
1620	17 207 0	16 670 0				2240	22 581 0	22 212 0
1621	17 207 5	16 670 5				2241	22 581 5	22 212 5
1622	17 208 0	16 671 0				2242	22 582 0	22 213 0
1623	17 208 5	16 671 5				2243	22 582 5	22 213 5
1624	17 209 0	16 672 0				2244	22 583 0	22 214 0
1625	17 209 5	16 672 5				2245	22 583 5	22 214 5
1626	17 210 0	16 673 0				2246	22 584 0	22 215 0
1627	17 210 5	16 673 5				2247	22 584 5	22 215 5
1628	17 211 0	16 674 0				2248	22 585 0	22 216 0
1629	17 211 5	16 674 5				2249	22 585 5	22 216 5
1630	17 212 0	16 675 0				2250	22 586 0	22 217 0
1631	17 212 5	16 675 5	2201	22 561 5	22 192 5	2251	22 586 5	22 217 5
1632	17 213 0	16 676 0	2202	22 562 0	22 193 0	2252	22 587 0	22 218 0
1633	17 213 5	16 676 5	2203	22 562 5	22 193 5	2253	22 587 5	22 218 5
1634	17 214 0	16 677 0	2204	22 563 0	22 194 0	2254	22 588 0	22 219 0
1635	17 214 5	16 677 5	2205	22 563 5	22 194 5	2255	22 588 5	22 219 5
1636	17 215 0	16 678 0	2206	22 564 0	22 195 0	2256	22 589 0	22 220 0
1637	17 215 5	16 678 5	2207	22 564 5	22 195 5	2257	22 589 5	22 220 5
1638	17 216 0	16 679 0	2208	22 565 0	22 196 0	2258	22 590 0	22 221 0
1639	17 216 5	16 679 5	2209	22 565 5	22 196 5	2259	22 590 5	22 221 5
1640	17 217 0	16 680 0	2210	22 566 0	22 197 0	2260	22 591 0	22 222 0
1641	17 217 5	16 680 5	2211	22 566 5	22 197 5	2261	22 591 5	22 222 5
1642	17 218 0	16 681 0	2212	22 567 0	22 198 0	2262	22 592 0	22 223 0
1643	17 218 5	16 681 5	2213	22 567 5	22 198 5	2263	22 592 5	22 223 5
1644	17 219 0	16 682 0	2214	22 568 0	22 199 0	2264	22 593 0	22 224 0
1645	17 219 5	16 682 5	2215	22 568 5	22 199 5	2265	22 593 5	22 224 5
1646	17 220 0	16 683 0	2216	22 569 0	22 200 0	2266	22 594 0	22 225 0
1647	17 220 5	16 683 5	2217	22 569 5	22 200 5	2267	22 594 5	22 225 5
1648	17 221 0	16 684 0	2218	22 570 0	22 201 0			
1649	17 221 5	16 684 5	2219	22 570 5	22 201 5			
1650	17 222 0	16 685 0	2220	22 571 0	22 202 0			

LINK Preprogrammed User Channels.

[CH K 03]

MODE :			MODE :			MODE :		
CH NO.	Receiver frequency	Transmitter frequency	CH NO.	Receiver frequency	Transmitter frequency	CH NO.	Receiver frequency	Transmitter frequency
100	2 182 0	2 182 0	150			200		
101		2 023 0	151			201		
102		2 049 0	152			202		
103		2 056 0	153			203		
104		2 286 0	154			204		
105		2 477 0	155			205		
106		3 156 0	156			206		
107		3 188 0	157			207		
108		2 191 0	158			208		
109		2 406 0	159			209		
110		2 411 0	160			210		
111			161			211		
112			162			212		
113			163			213		
114			164			214		
115			165			215		
116			166			216		
117			167			217		
118			168			218		
119			169			219		
120			170			220		
121			171			221		
122			172			222		
123			173			223		
124			174			224		
125			175			225		
126			176			226		
127			177			227		
128			178			228		
129			179			229		
130			180			230		
131			181			231		
132			182			232		
133			183			233		
134			184			234		
135			185			235		
136			186			236		
137			187			237		
138			188			238		
139			189			239		
140			190			240		
141			191			241		
142			192			242		
143			193			243		
144			194			244		
145			195			245		
146			196			246		
147			197			247		
148			198			248		
149			199			249		

LINK Preprogrammed User Channels.

|CHK

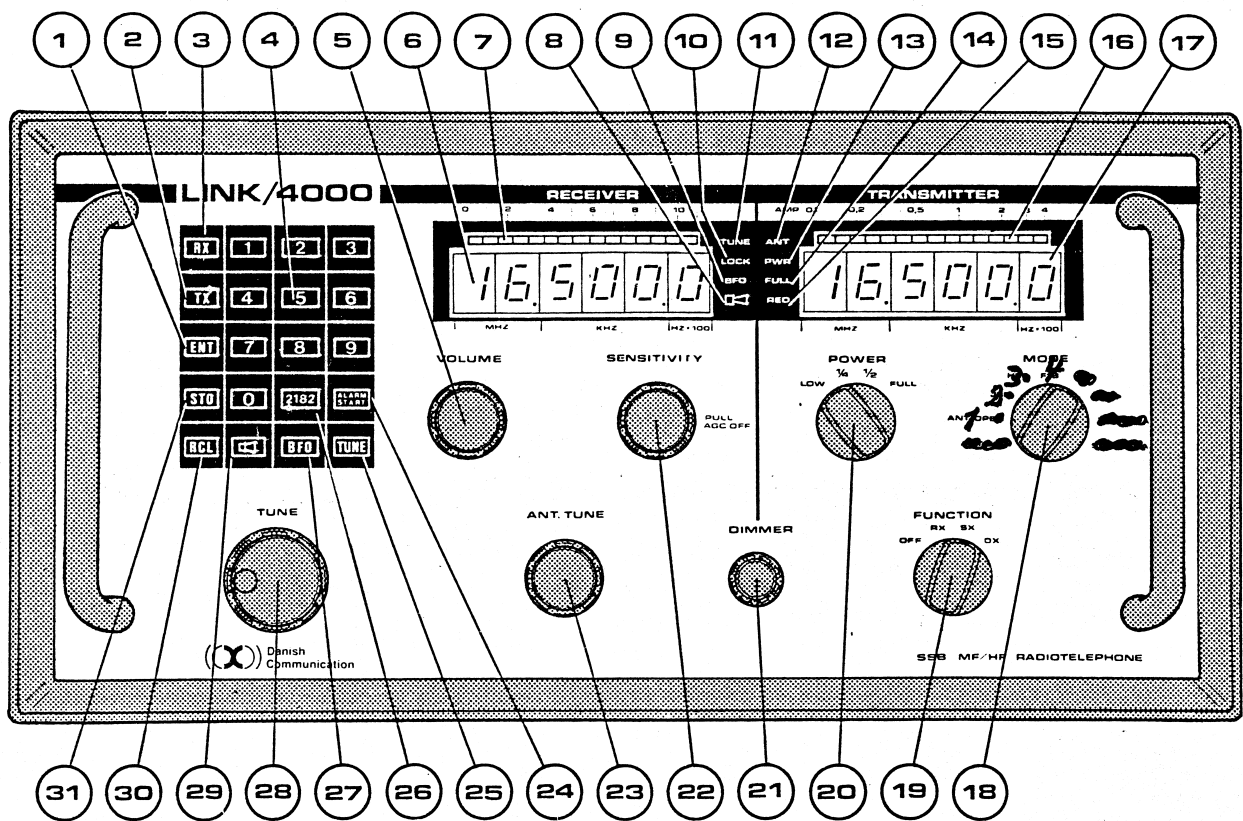
[illegible]

LINK User-Programmable Channels

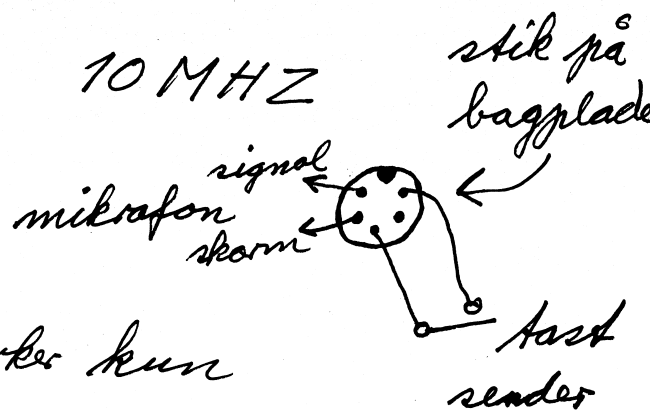
Channel number	Receiver frequency	Transmitter frequency	Channel number	Receiver frequency	Transmitter frequency
01			26		
02			27		
03			28		
04			29		
05			30		
06			31		
07			32		
08			33		
09			34		
10			35		
11			36		
12			37		
13			38		
14			39		
15			40		
16			41		
17			42		
18			43		
19			44		
20			45		
21			46		
22			47		
23			48		
24			49		
25			50		

LINK User-Programmable Channels

Channel number	Receiver frequency	Transmitter frequency	Channel number	Receiver frequency	Transmitter frequency
51			76		
52			77		
53			78		
54			79		
55			80		
56			81		
57			82		
58			83		
59			84		
60			85		
61			86		
62			87		
63			88		
64			89		
65			90		
66			91		
67			92		
68			93		
69			94		
70			95		
71			96		
72			97		
73			98		
74			99		
75			00		



- 1 = telegrafi som bølgebølge
 2 = sidebånd under 10 MHz
 3 = sidebånd over 10 MHz
 4 = AM



Power omskifter virker kun ved antenne-tuner tilsluttet uden tuner sættes power automatisk til full man-set omskifter stillingen

Sidebåndsfiler til sender ikke monteret til bånd under 10 MHz