

AVAYA

IP Telephony

Contact Centers

Mobility

Services

Configurations



User's guide

Copyright

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Avaya Inc. and Avaya GmbH & Co. KG

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All technical data, information and features of the product described in this document have been compiled to the best of our knowledge and were valid at the time of printing.

Modifications and improvements may be made to the product as a result of new technical developments.

Avaya GmbH & Co. KG

Declaration of conformity (T3)

We Avaya GmbH & Co. KG declare that the telephones T3 Classic and T3 Comfort comply with the basic requirements and other relevant provisions of EU guideline 1999/5EC (radio and tele-communications terminal equipment, R&TTE).

These telephones are designed for the connection to digital interfaces of Avaya telecommunications systems and comply with the basic requirements as per EU guideline 1999/5EC (R&TTE).

These telephones are not designed for the direct operation at interfaces of public telecommunication networks.

When using links and DSS modules:

This link / DSS module is designed for the connection to T3 telephones and complies with the basic requirements as per EU guideline 1999/5EC (Radio and telecommunication terminal equipment R&TTE).

This link / DSS module was designed only for operation with T3 telephones.

In the event of any problems, please contact your dealer or Avaya service department.

The complete Declaration of Conformity can be requested at the following Internet address:

www.avaya.de/gcm/emea/de/includedcontent/conformity.htm

or using the keyword "conformity" at the index.



Declaration of conformity (T3 IP)

We Avaya GmbH & Co. KG declare that the telephones T3 IP Classic and T3 IP Comfort comply with the basic requirements and other relevant provisions of EU guideline 1999/5EC (Radio and telecommunications terminal equipment, R&TTE).

These telephones are designed for connection to Ethernet/Lan interfaces of IP-capable Avaya telecommunication systems and comply with the basic requirements as per EU guideline 1999/5EC (R&TTE).

Avaya assumes no guarantee for the operability of the telephones in LAN/intranet environments without a Avaya telecommunications system.

When using links and DSS modules:

This link / DSS module is designed for the connection to T3 IP telephones and complies with the basic requirements as per EU guideline 1999/5EC (radio and telecommunication terminal equipment R&TTE).

This link / DSS module was designed only for use with T3 IP telephones.

In the event of any problems, please contact your dealer or Avaya service department.

The complete Declaration of Conformity can be requested at the following Internet address:

www.avaya.de/gcm/emea/de/includedcontent/conformity.htm

or using the keyword "conformity" at the index.



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About this brochure

With the help of this brochure, you can program the various functions of your telecommunication system yourself.

You can connect the system telephones “Integral T3 compact”, “Integral Classic” and “Integral T3 Comfort” to your telecommunications system.

You can use the devices “Integral T3 Classic” and “Integral T3 Comfort” as IP phones.

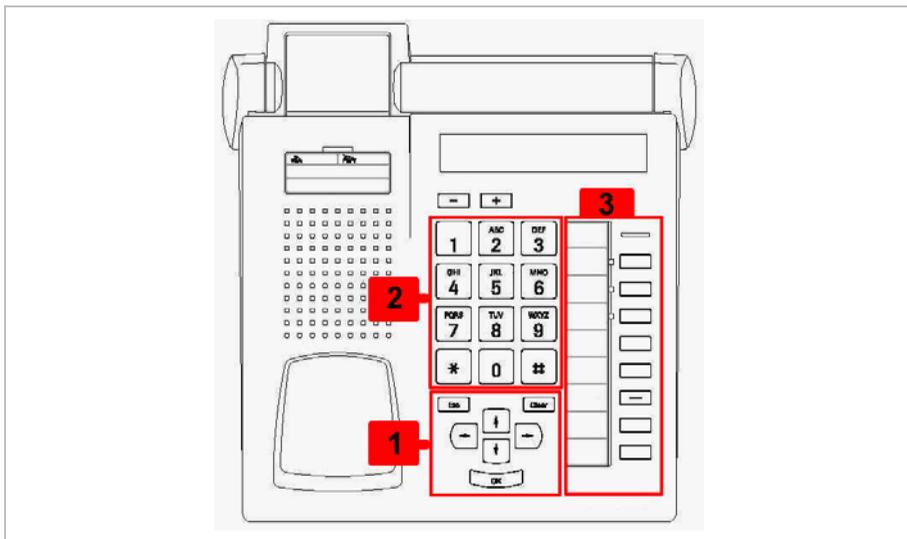
You can select the functions using a service PC.

You will find a list of functions that can be set up for the system “R2.2 package” in I5 in the appropriate chapter.

The difference in functionality between the devices “Classic” and “Comfort” is that the “T3 Classic” display is smaller and the alpha keypad is missing.

User manuals in various languages which include all the functions are available on the CDs supplied with the telecommunications system, or on the Internet at support.avaya.com. From there you can access our list of documents.

System telephone "Integral T3 Compact"

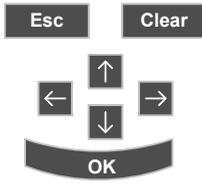


You will find information about points **1** to **3** on the following pages

Control keypad

The control keypad is used for "normal" telephoning and data entry with

 (menu key).

		The selected menu function is called with the OK key.
		A menu or a call is cancelled with the ESC key
		The character at the cursor position in a character string is cleared with the Clear key. If the cursor is behind the last character, the Clear key has the backspace function.
		The headers or selection lines are moved from the invisible area into the single-line display with the cursor keys $\uparrow\downarrow$. Selection lines are identified by a \rightarrow in the last column. The cursor keys can be used for scrolling (move by one selection line) at the top and bottom of the window. The presence of selection lines outside the window is indicated by an up/down arrow in the last column.

Alphanumeric keypad

	<p>The keypad is used for entering numbers and letters. If necessary, there will be automatic switchover from numbers to alphanumeric characters.</p> <p>To display the upper case letter "K", press key "5" twice; to display the lower case "k", press the # key, then key "5" twice, the same as with your GSM mobile phone.</p>
---	--

Key assignment of the keypad -- character set T3 -- West

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x
1	?	!	.	,	1	;	:	"	'	¿	i
2	A	B	C	2	Ä	Á	Â	À	Å	Ç	
	a	b	c		ä	á	â	à	å	ç	
3	D	E	F	3	É	Ê	Ë	È			
	d	e	f		é	ê	ë	è			
4	G	H	I	4	Í	Î	Ï	Ì			
	g	h	i		í	î	ï	ì			
5	J	K	L	5							
	j	k	l								
6	M	N	O	6	Ñ	Ö	Ó	Ô	Ò		
	m	n	o		ñ	ö	ó	ô	ò		
7	P	Q	R	S	7	ß					
	p	q	r	s							
8	T	U	V	8	Ü	Ú	Û	Ù			
	t	u	v		ü	ú	û	ù			
9	W	X	Y	Z	9	ÿ					
	w	x	y	z		ÿ					
0	Space	0	@	&	%	€	\$	\$	_	>	#
*	*	+	-	=	()	/	\	<	>	#
#	Shift										

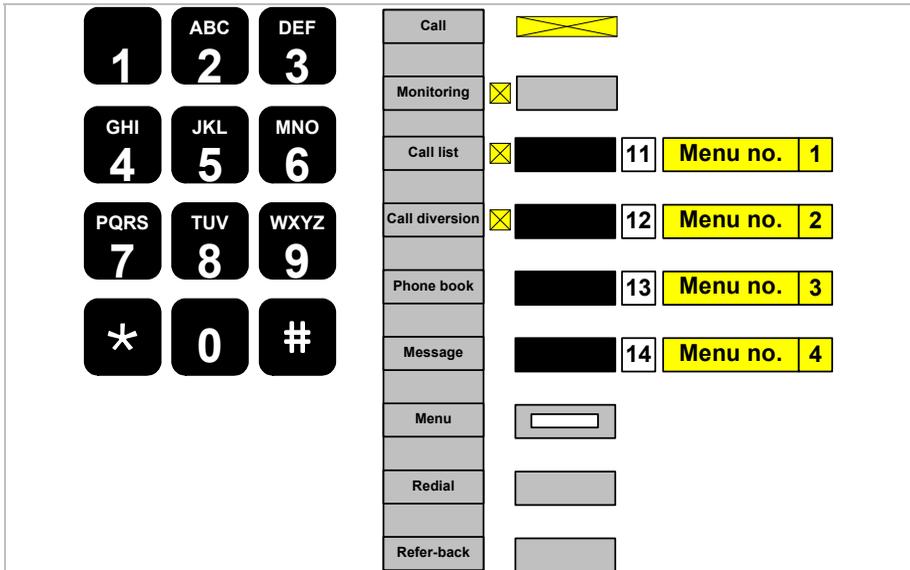
Key assignment of the keypad -- character set T3 -- Eastern Europe

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x
1	?	!	.	,	1	;	:	"	'	¿	¡
2	A	B	C	2	Á	Â	Ã	Ä	-	Č	Ĉ
	a	b	c		ä	á	â	ã	ä	č	ĉ
3	D	E	F	3	Đ	É	Ê	Ë			
	d	e	f		đ	é	ê	ë			
4	G	H	I	4	Í						
	g	h	i		í						
5	J	K	L	5	Ł	Ł'					
	j	k	l		ł	ł'					
6	M	N	O	6	Ń	Ň	Ö	Ó	Ô	Õ	
	m	n	o		ń	ň	ö	ó	ô	õ	
7	P	Q	R	S	7	Ř	Ř'	Š	Š'	ß	
	p	q	r	s		ř	ř'	š	š'		
8	T	U	V	8	Ť	Ů	Ú	Û	Ü		
	t	u	v		ť	ů	ú	û	ü		
9	W	X	Y	Z	9	Ý	Ž	Ž'	Ž		
	w	x	y	z		ý	ž	ž'	ž		
0	Space	0	@	&	%	€	\$	§	-		
*	*	+	-	=	()	/	\	<	>	#
#	Shift										

Key assignment of the keypad -- character set T3 -- CIS

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x
1	?	!	.	,	1	;	:	"	'	¿	¡
2	A	Б	В	Г	2	A	B	C	Ä		
	a	б	в	г		a	b	c	ä		
3	Д	Е	Ж	З	3	D	E	F	Ë		
	д	е	ж	з		d	e	f	ë		
4	И	Й	К	Л	4	G	H	I			
	и	й	к	л		g	h	i			
5	М	Н	О	5	J	K	L				
	м	н	о		j	k	l				
6	П	Р	С	6	M	N	O	Ö			
	п	р	с		m	n	o	ö			
7	Т	У	Ф	Х	7	P	Q	R	S	ß	
	т	у	ф	х		p	q	r	s		
8	Ц	Ч	Ш	Щ	-	8	T	U	V	Ü	
	ц	ч	ш	щ	ъ		t	u	v	ü	
9	-	-	Э	Ю	Я	9	W	X	Y	Z	
	ь	ы	э	ю	я		w	x	y	z	
0	Space	0	@	&	%	€	\$	§	-		
*	*	+	-	=	()	/	\	<	>	#
#	Shift										

Function keys

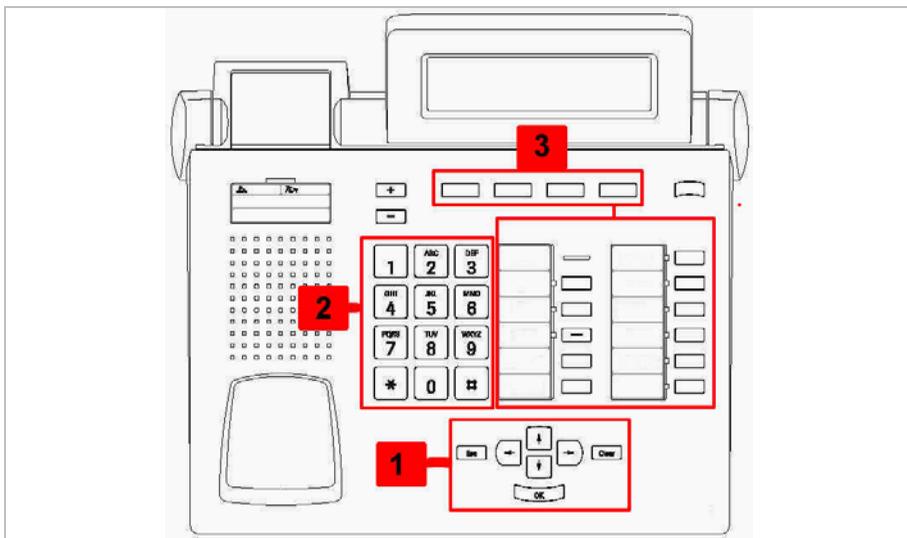


The figure shows a schematic impression of the **Integral T3 Compact**. The function keys are shown in standard assignment.

All the above listed function keys  are freely programmable.

	Alphanumeric keys
	Function key
	Function key no.
	Menu key no., enter under menu
	Key
	Menu key
	LED
	Labelling strip

System telephone "Integral T3 Classic"

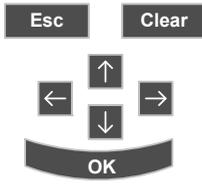


You will find information about points **1** to **3** on the following pages

Control keypad

The control keypad is used for "normal" telephoning and data entry with

 (menu key).

		The selected menu function is called with the OK key.
		A menu or a call is cancelled with the ESC key
		The character at the cursor position in a character string is cleared with the Clear key. If the cursor is behind the last character, the Clear key has the backspace function.
		The headers or selection lines are moved from the invisible area into the one-line display with the cursor keys $\uparrow\downarrow$. Selection lines are identified by a \rightarrow in the last column. The cursor keys can be used for scrolling (move by one selection line) at the top and bottom of the window. The presence of selection lines outside the window is indicated by an up/down arrow in the last column.

Alphanumeric keypad

	<p>The keypad is used for entering numbers and letters. If necessary, there will be automatic switchover from numbers to alphanumeric characters.</p> <p>To display the upper case letter "K", press key "5" twice; to display the lower case "k", press the # key, then key "5" twice, the same as with your GSM mobile phone.</p>
---	--

Key assignment of the keypad -- character set T3 -- West

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x
1	?	!	.	,	1	;	:	"	'	¿	i
2	A	B	C	2	Ä	Á	Â	À	Å	Ç	
	a	b	c		ä	á	â	à	å	ç	
3	D	E	F	3	É	Ê	Ë	È			
	d	e	f		é	ê	ë	è			
4	G	H	I	4	Í	Î	Ï	Î			
	g	h	i		í	î	ï	ï			
5	J	K	L	5							
	j	k	l								
6	M	N	O	6	Ñ	Ö	Ó	Ô	Ò		
	m	n	o		ñ	ö	ó	ô	ò		
7	P	Q	R	S	7	ß					
	p	q	r	s							
8	T	U	V	8	Ü	Ú	Û	Ù			
	t	u	v		ü	ú	û	ù			
9	W	X	Y	Z	9	ÿ					
	w	x	y	z		ÿ					
0	Space	0	@	&	%	€	\$	\$	=	>	#
*	*	+	-	=	()	/	\	<	>	#
#	Shift										

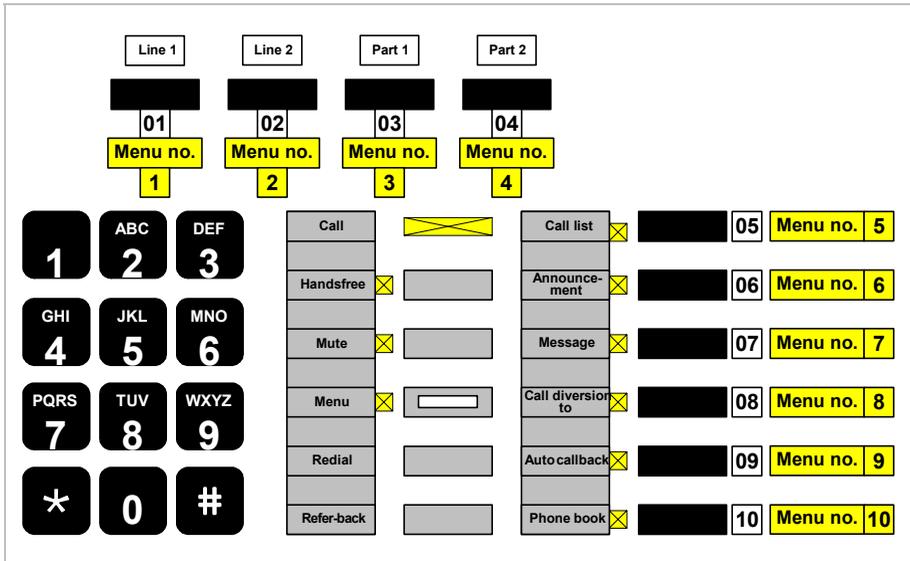
Key assignment of the key pad -- character set T3 -- Eastern Europe

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x
1	?	!	.	,	1	;	:	"	'	¿	¡
2	A	B	C	2	Á	Â	Ã	Ä	-	Č	Ĉ
	a	b	c		ä	á	â	ã	ä	č	ĉ
3	D	E	F	3	Đ	É	Ê	Ë			
	d	e	f		đ	é	ê	ë			
4	G	H	I	4	Í						
	g	h	i		í						
5	J	K	L	5	Ł	Ł'					
	j	k	l		ł	ł'					
6	M	N	O	6	Ń	Ň	Ö	Ó	Ô	Õ	
	m	n	o		ń	ň	ö	ó	ô	õ	
7	P	Q	R	S	7	Ř	Ř'	Š	Š'	ß	
	p	q	r	s		ř	ř'	š	š'		
8	T	U	V	8	Ť	Ů	Ú	Û	Ü		
	t	u	v		ť	ů	ú	û	ü		
9	W	X	Y	Z	9	Ý	Ž	Ž'	Ž		
	w	x	y	z		ý	ž	ž'	ž		
0	Space	0	@	&	%	€	\$	§	_		
*	*	+	-	=	()	/	\	<	>	#
#	Shift										

Key assignment of the keypad -- character set T3 -- CIS

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x
1	?	!	.	,	1	;	:	"	'	¿	¡
2	А	Б	В	Г	2	А	В	С	Ä		
	а	б	в	г		а	б	с	ä		
3	Д	Е	Ж	З	3	Д	Е	Ф	Ё		
	д	е	ж	з		д	е	ф	ё		
4	И	Й	К	Л	4	Г	Н	И			
	и	й	к	л		г	н	и			
5	М	Н	О	5	Ж	К	Л				
	м	н	о		ж	к	л				
6	П	Р	С	6	М	Н	О	Ö			
	п	р	с		м	н	о	ö			
7	Т	У	Ф	Х	7	Р	Q	R	S	ß	
	т	у	ф	х		р	q	r	s		
8	Ц	Ч	Ш	Щ	-	Т	U	V	Ü		
	ц	ч	ш	щ	ъ	т	u	v	ü		
9	-	-	Э	Ю	Я	9	W	X	Y	Z	
	ь	ы	э	ю	я		w	x	y	z	
0	Space	0	@	&	%	€	\$	§			
*	*	+	-	=	()	/	\	<	>	#
#	Shift										

Function keys

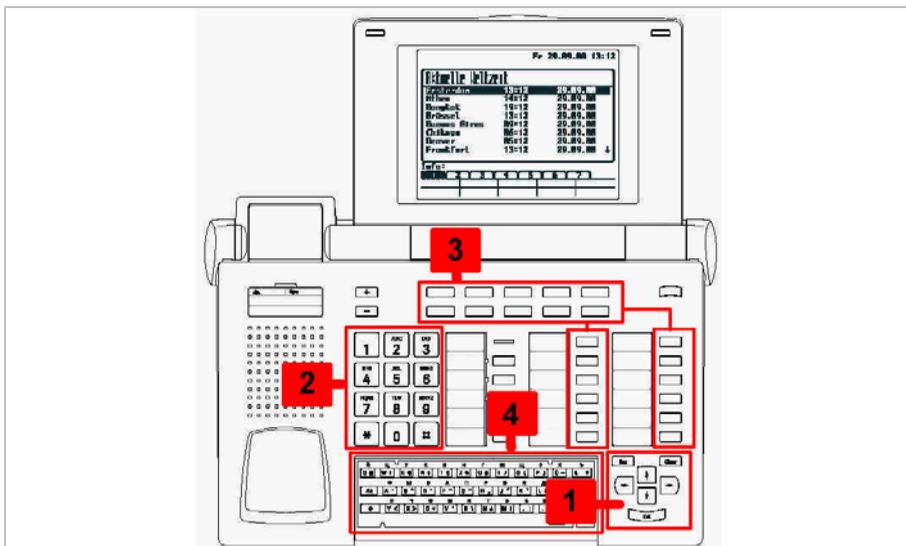


The figure shows a schematic impression of the **Integral T3 Classic**. The function keys are shown in standard assignment.

All the above listed function keys **■** are freely programmable.

	Alphanumeric key
	Function key
	Function key no.
	Menu key no., enter under menu
	Key
	Menu key
	LED
	Labelling strip

System telephone "Integral T3 Comfort"

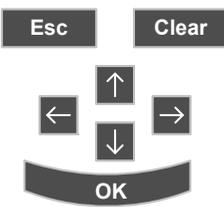


You will find information about points **1** to **4** on the following pages

Control keypad

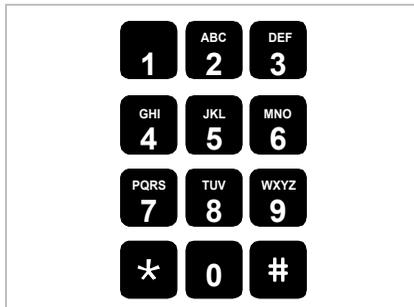
The control keypad is used for "normal" telephoning and data entry with

 (menu key).

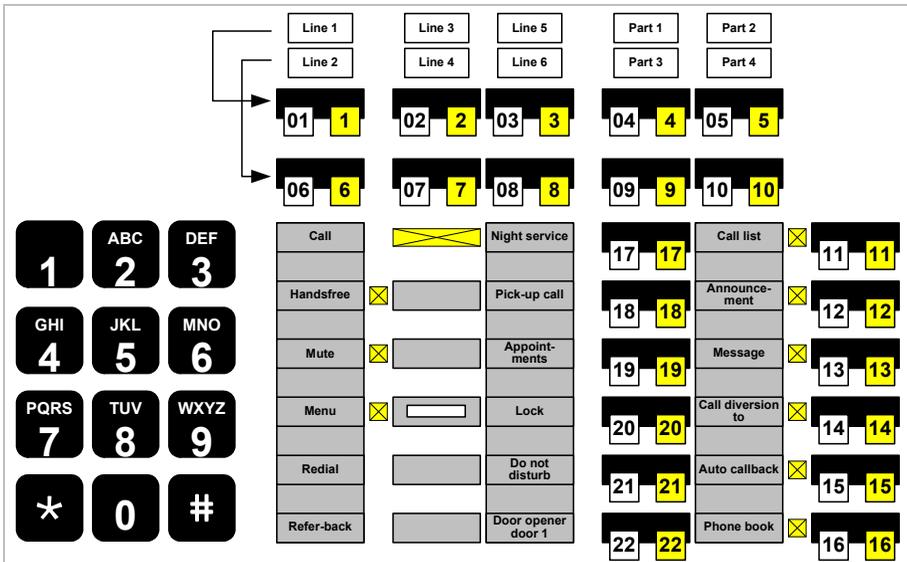
		The selected menu function is called with the OK key.
		A menu or a call is cancelled with the ESC key
		The character at the cursor position in a character string is cleared with the Clear key. If the cursor is behind the last character, the Clear key has the backspace function.
		The headers or selection lines are moved from the invisible area into the one-line display with the cursor keys  . Selection lines are identified by a  in the first column. The cursor keys can be used for scrolling (move by one selection line) at the top and bottom of the window. The presence of selection lines outside the window is indicated by an up/down arrow in the last column.

Numeric keypad

The keypad is used to enter numbers.



Function keys



The figure shows a schematic impression of the **Integral T3 Comfort**.
The function keys are shown in standard assignment.

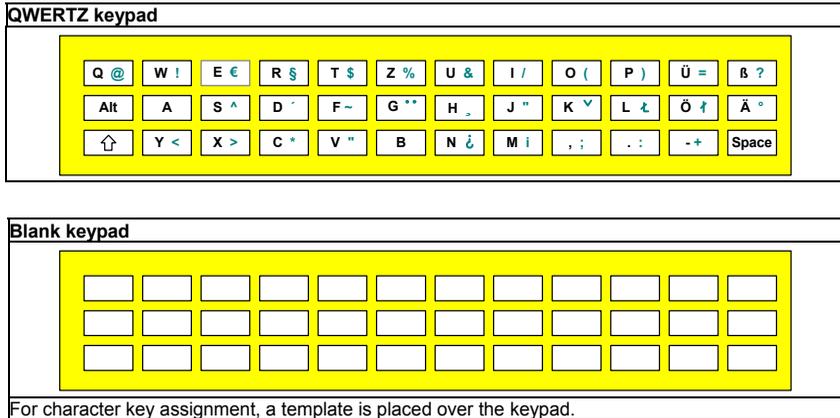
All the above listed function keys [] are freely programmable.

	Alphanumeric keys
	Function key
	Function key no.
	Menu key no., enter under menu
	Key
	Menu key
	LED
	Default assignment of function keys
	Labelling strip

Typewriter-style keypad

The different keypads

The T3 Comfort terminals are delivered from the factory with two different keypad versions only, the "QWERTZ" keypad or a blank keypad.



Using the "QWERTZ" keypad is the easy solution for approaching customers who use this keyboard layout as standard, e.g. in Germany, Switzerland etc.

The blank keypad makes it possible for customers from other countries (France, United Kingdom etc.) to make entries using the keyboard with which they are familiar, thanks to the template. The blank keypad must be set accordingly (see below).

The blank keypad alone can be set to -- QWERTZ, QWERTY or AZERTY

Menu for setting the correct keypad only in the telephone menu with blank keypad	Settings	Keypad	QWERTZ
			QWERTY
			AZERTY

By pressing the OK key, a keypad version is specified which a subscriber using a blank keyboard is given when they log on to the system.

During operation, the keypad version of the subscriber in question cannot be changed by changing the selection in the menu.

The default setting is the QWERTZ keypad version.

The keypad specification depends on the software region.

The 4 possible key character assignments

The 4 possible versions for a blank keyboard																																															
Blank																																															
QWERTZ	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Q @</td><td>W !</td><td>E €</td><td>R §</td><td>T \$</td><td>Z %</td><td>U &</td><td>I /</td><td>O (</td><td>P)</td><td>Ü =</td><td>ß ?</td> </tr> <tr> <td>Alt</td><td>A</td><td>S ^</td><td>D `</td><td>F ~</td><td>G **</td><td>H _</td><td>J "</td><td>K \</td><td>L ;</td><td>Ö †</td><td>Ä °</td> </tr> <tr> <td>↑</td><td>Y <</td><td>X ></td><td>C *</td><td>V "</td><td>B</td><td>N ¨</td><td>M </td><td>, ;</td><td>. :</td><td>- +</td><td>Space</td> </tr> </table>											Q @	W !	E €	R §	T \$	Z %	U &	I /	O (P)	Ü =	ß ?	Alt	A	S ^	D `	F ~	G **	H _	J "	K \	L ;	Ö †	Ä °	↑	Y <	X >	C *	V "	B	N ¨	M	, ;	. :	- +	Space
Q @	W !	E €	R §	T \$	Z %	U &	I /	O (P)	Ü =	ß ?																																				
Alt	A	S ^	D `	F ~	G **	H _	J "	K \	L ;	Ö †	Ä °																																				
↑	Y <	X >	C *	V "	B	N ¨	M	, ;	. :	- +	Space																																				
QWERTY	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Q @</td><td>W !</td><td>E €</td><td>R §</td><td>T \$</td><td>Y %</td><td>U &</td><td>I /</td><td>O (</td><td>P)</td><td>Ü =</td><td>ß ?</td> </tr> <tr> <td>Alt</td><td>A</td><td>S ^</td><td>D `</td><td>F ~</td><td>G **</td><td>H _</td><td>J "</td><td>K \</td><td>L ;</td><td>Ö †</td><td>Ä °</td> </tr> <tr> <td>↑</td><td>Z <</td><td>X ></td><td>C *</td><td>V "</td><td>B</td><td>N ¨</td><td>M </td><td>, ;</td><td>. :</td><td>- +</td><td>Space</td> </tr> </table>											Q @	W !	E €	R §	T \$	Y %	U &	I /	O (P)	Ü =	ß ?	Alt	A	S ^	D `	F ~	G **	H _	J "	K \	L ;	Ö †	Ä °	↑	Z <	X >	C *	V "	B	N ¨	M	, ;	. :	- +	Space
Q @	W !	E €	R §	T \$	Y %	U &	I /	O (P)	Ü =	ß ?																																				
Alt	A	S ^	D `	F ~	G **	H _	J "	K \	L ;	Ö †	Ä °																																				
↑	Z <	X >	C *	V "	B	N ¨	M	, ;	. :	- +	Space																																				
AZERTY	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>A @</td><td>Z !</td><td>E €</td><td>R §</td><td>T \$</td><td>Y %</td><td>U &</td><td>I /</td><td>O (</td><td>P)</td><td>é =</td><td>è à</td> </tr> <tr> <td>Alt</td><td>Q `</td><td>S ^</td><td>D `</td><td>F ~</td><td>G **</td><td>H _</td><td>J "</td><td>K \</td><td>L ;</td><td>M †</td><td>ù °</td> </tr> <tr> <td>↑</td><td>W <</td><td>X ></td><td>C Ç</td><td>V "</td><td>B \</td><td>N *</td><td>?</td><td>, ;</td><td>. :</td><td>- +</td><td>Space</td> </tr> </table>											A @	Z !	E €	R §	T \$	Y %	U &	I /	O (P)	é =	è à	Alt	Q `	S ^	D `	F ~	G **	H _	J "	K \	L ;	M †	ù °	↑	W <	X >	C Ç	V "	B \	N *	?	, ;	. :	- +	Space
A @	Z !	E €	R §	T \$	Y %	U &	I /	O (P)	é =	è à																																				
Alt	Q `	S ^	D `	F ~	G **	H _	J "	K \	L ;	M †	ù °																																				
↑	W <	X >	C Ç	V "	B \	N *	?	, ;	. :	- +	Space																																				

There are corresponding templates for "QWERTZ", "QWERTY" and "AZERTY".

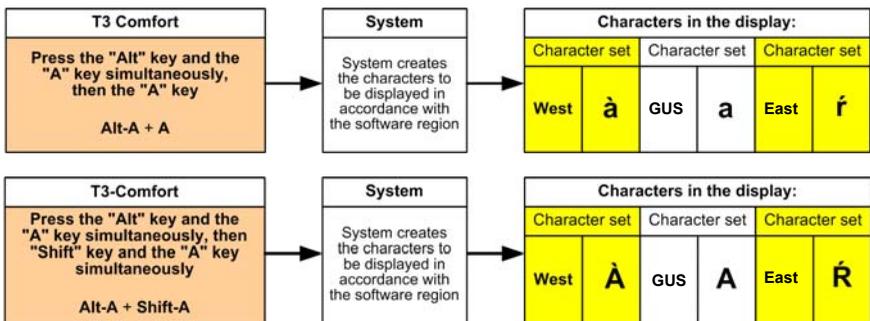
Normal, Shift, Alt

Key combinations			
Normal		E €	"e"
↑	+	E €	"E"
Alt	+	E €	"€"
Alt	D `	E €	"é"

Alt combinations

Code set "West"				Code set "GUS"				Code set "East"			
Alt-A + A = à	Alt-A + Shift A = Å	Alt-A + A = a	Alt-A + Shift A = A	Alt-A + A = á	Alt-A + Shift A = Á	Alt-A + A = ǎ	Alt-A + Shift A = Ā				
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Alt-A + O = ó	Alt-A + Shift O = Ò	Alt-A + O = o	Alt-A + Shift O = O	Alt-A + O = ȳ	Alt-A + Shift O = Ÿ	Alt-A + O = ȳ	Alt-A + Shift O = Ÿ				
Alt-A + U = ú	Alt-A + Shift U = Û	Alt-A + U = u	Alt-A + Shift U = U	Alt-A + U = ů	Alt-A + Shift U = Ů	Alt-A + U = ů	Alt-A + Shift U = Ů				
Alt-S + A = â	Alt-S + Shift A = Ä	Alt-S + A = a	Alt-S + Shift A = A	Alt-S + A = ă	Alt-S + Shift A = Ă	Alt-S + A = ă	Alt-S + Shift A = Ă				
Alt-S + E = ê	Alt-S + Shift E = Ê	Alt-S + E = e	Alt-S + Shift E = E	Alt-S + E = ě	Alt-S + Shift E = Ě	Alt-S + E = ě	Alt-S + Shift E = Ě				
Alt-S + I = î	Alt-S + Shift I = Î	Alt-S + I = i	Alt-S + Shift I = I	Alt-S + I = ě	Alt-S + Shift I = Ě	Alt-S + I = ě	Alt-S + Shift I = Ě				
Alt-S + O = ô	Alt-S + Shift O = Õ	Alt-S + O = o	Alt-S + Shift O = O	Alt-S + O = ȳ	Alt-S + Shift O = Ÿ	Alt-S + O = ȳ	Alt-S + Shift O = Ÿ				
Alt-S + U = û	Alt-S + Shift U = Ü	Alt-S + U = u	Alt-S + Shift U = U	Alt-S + U = ů	Alt-S + Shift U = Ů	Alt-S + U = ů	Alt-S + Shift U = Ů				
Alt-D + A = ä	Alt-D + Shift A = Å	Alt-D + A = a	Alt-D + Shift A = A	Alt-D + A = ă	Alt-D + Shift A = Ă	Alt-D + A = ă	Alt-D + Shift A = Ă				
Alt-D + E = é	Alt-D + Shift E = È	Alt-D + E = e	Alt-D + Shift E = E	Alt-D + E = ě	Alt-D + Shift E = Ě	Alt-D + E = ě	Alt-D + Shift E = Ě				
Alt-D + I = í	Alt-D + Shift I = Ì	Alt-D + I = i	Alt-D + Shift I = I	Alt-D + I = ě	Alt-D + Shift I = Ě	Alt-D + I = ě	Alt-D + Shift I = Ě				
Alt-D + O = ó	Alt-D + Shift O = Ò	Alt-D + O = o	Alt-D + Shift O = O	Alt-D + O = ȳ	Alt-D + Shift O = Ÿ	Alt-D + O = ȳ	Alt-D + Shift O = Ÿ				
Alt-D + U = ú	Alt-D + Shift U = Û	Alt-D + U = u	Alt-D + Shift U = U	Alt-D + U = ů	Alt-D + Shift U = Ů	Alt-D + U = ů	Alt-D + Shift U = Ů				
Alt-D + Y = y	Alt-D + Shift Y = Ý	Alt-D + Y = y	Alt-D + Shift Y = Y	Alt-D + Y = ŷ	Alt-D + Shift Y = Ŷ	Alt-D + Y = ŷ	Alt-D + Shift Y = Ŷ				
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Alt-F + N = ñ	Alt-F + Shift N = Ñ	Alt-F + N = n	Alt-F + Shift N = N	Alt-F + N = ȳ	Alt-F + Shift N = Ÿ	Alt-F + N = ȳ	Alt-F + Shift N = Ÿ				
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Alt-J + =	Alt-J + Shift =	Alt-J + =	Alt-J + Shift =	Alt-J + =	Alt-J + Shift =	Alt-J + =	Alt-J + Shift =				
Alt-K + =	Alt-K + Shift =	Alt-K + =	Alt-K + Shift =	Alt-K + =	Alt-K + Shift =	Alt-K + =	Alt-K + Shift =				
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Alt combinations



Country-specific software and the set code set must match

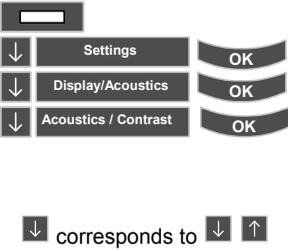
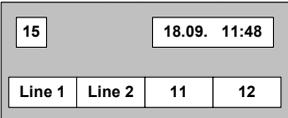
Information about the configurations

The telecommunications system data are protected against unauthorised access.

You have the option of editing the data relevant to you. Service must give you release to do this (code 35 and 36)

All explanations and examples in this chapter are made by releasing code 35/36.

To access the data unlocked for you, please proceed as follows:

<p style="text-align: center;">Example</p> 	<p>Press the Menu key</p>  <p>Press the ↓ key until you get to the menu item</p>  <p>Then press the OK key</p>  <p>You are now in the "Settings" menu and can use the ↓ key to go to a new menu item, here</p>  <p>Then press the OK key</p>  <p>With ↓ you can go to another possible menu item, here</p>  <p>Then press the OK key to edit the options for acoustics and contrast</p> 
<p style="text-align: center;">Exit programming</p> 	<p>You return to the main menu of your telephone by pressing the ESC key as often as specified or by pressing the menu key once.</p>

Information

The menu entries depend on the programming release for the customer (code 35 and 36) and the features which have been set up

The telephone menu is shown below. The configurations start with the **"Settings"** menu option. The descriptions use the menu to provide orientation for configuration.

However, there are some menu items which should only be considered in connection with other menu items:

Actions for exchange seizure

- Autom. handsfree (on)
- LN on dialling (off)
- Line/off-hook (off)
- Handsfr. answ-back (off)
- No. display own
- Direct dial (off)
- Code (off)

Redialling

- Number of redials (5)
- Redial every (30 s)

Answering station, day and night service

- Day service
- Night service 1
- Night service 2
- Night service 3
- Automatic night service

Call bar

- Call bar groups
- Call bar numbers

Charge metering

- Charge voucher control
- Charge functions
- Paper size
- Charge display
- Charge threshold
- Charge factor

Menu

From "Pick-up" to "Settings - Do not disturb"

Pick-up			
Call list			
Phone book			
	Search		
	New indiv. entry		
	New general entry		
Call diversion			see user manual
	Divert from		
	Divert to		
		immediately	
		after time	
		on busy	
		twinning	
	Divert for		
	Bundle [x]		
Appointments			
	Own appointm.		
	Appointment for others		
Charges			
	Last call		
	Total		
	Total subs.		
	Total line		
	Total charges		
	Local currency -> Euro		
Lock			
	Lock telephone		
	Set PIN		
Message			
Night service			
	Night service 1		
	Night service 2		
	Night service 3		
	Auto Night Service		
Settings			
	Display/Acoustics		
		Acoustics/Contrast	
			Contrast
			Ringing tone
			Monitoring
			Handset
			Handsfree
			External call type
			Internal call type
			Message beep
			VIP tone
			Default settings
		Partner beep	
			Partner on/off
		Do not disturb (off)	

From "Pick-up" to "Settings-Function keys"

1 st level	2 nd level	3 rd level	4 th level
Pick-up			
...			
Night service			
Settings			
	Display/Acoustics		
		Language	
			German
			English
			Francais
	Function keys		
Function keys (default; can be different according to customer's wish)			
Comfort	Classic	Compact	
1: Line 1	1: Line 1	1: Call list	Pick-up
2: Line 3	2: Line 2	2: Divert to	Phone book
3: Line 5	3: Part. 11	3: Phone book	Mute (Compact only)
4: Part. 11	4: Part. 12	4: Message	Destination key
5: Part. 12	5: Call list		Call list
6: Line 2	6: Announce		Divert from
7: Line 4	7: Message		Call diversion to
8: Line 6	8: Divert call to		Partner
9: Part. 13	9: Auto callback		Line 1 .. Line x
10: Part. 14	10: Phone book		Appt.
11: Call list			Appointment for others
12: Announce			Message
13: Message			Charges
14: Divert call to			Night service 1 .. 3
15: Auto callback			Lock
16: Phone book			Programming
17: Night service 1			Code
18: Pick-up			Tone dial (DTMF)
19: Appt.			Announce
20: Lock			
21: Do not disturb			
22: Door opener door 1			



	Keypad	(only for Comfort with blank keypad)
		QWERTZ
		QWERTY
		AZERTY

From "Pick-up" to "Settings-Applications"

1 st level	2 nd level	3 rd level
Pick-up		
...		
Night service		
Settings		
	Dial settings	
	┌ ---	Autom. handsfree (on)
	└ ---	LN on dialling (off)
	└ ---	Line/off-hook (off)
		Number of redials (5) --- 1
		Redial every (30s) --- 1
	└ ---	Handsfr. answ-back (off)
		Second call (on) --- ---
	└ ---	Remote number display own
	└ ---	Direct dial (off)
	└ ---	Code (off)
	Applications	
		General call (on)
		Hunt group (on)
		VIP call (off)
		Headset (off) See 4 th level
		Self-assignment
		Int. call list (off)
		Call list 
		Call list diversion see user manual
		... delete after
		Call display A → B see user manual
		Serial call
		Call filter see user manual
Information about which link is installed in which slot.		Slot 1: CTI/Audio-Link (e.g.) Slot 1
		Slot 2: CTI-Link (e.g.) Slot 2
Traffic statistics		
	4. Level	
	Headset	Slot 1 HSG
...	HSG volume	-----7-
	or	
	Headset	Slot 1 AEI
	Side tone	(on)
	WakeUp tone	(off)

1st level	2nd level	3rd level
Pick up		
...		
Night service		
Settings		
	System functions	
		personal destinations
		general destinations
		Function keys see user manual
Answering station, day and night service		Day service
		Night service 1
		Night service 2
		Night service 3
		Automatic night service
		Call forwarding
		Forwarding variants
		Door stations
		System times
		DIA
		Date / time
		Customer password
		User name
		Substitute terms
		Classes of service
		Software lock
Call bar		Call bar groups
		Call bar numbers
Call charge metering		Charge voucher control
		Charge functions
		Paper size
		Charge display
		Charge threshold
		Charge factor
		Second call lock see user manual
	Local service	

Display/Acoustics

Acoustics and Contrast

You can make different settings for the acoustics and contrast

The set sound pattern applies for external call type and internal call type

Programming:

↓	Settings	OK
↓	Display/Acoustics	OK
↓	Acoustics/Contrast	OK

↓	Set to selection	Enter with numeric keys The default programming is displayed	
Contrast	_____5_____	1 = dark .. 8 = bright	
Ringing tone	_____6_____	1 = quiet .. 8 = loud	
Monitoring	_____6_____	1 = quiet .. 8 = loud	
Handset	_____2_____	1 = quiet .. 4 = loud	
Handsfree	_____1_____	1 = quiet .. 4 = loud	
External call type		(12) Different tone sequences	
Internal call type		(4) Different tone sequences	
Message beep		(7) Different tone sequences	
VIP tone		(14) Different tone sequences	
Default settings	.. to these settings		

Esc Esc Esc Esc Exit programming

15	18.09. 11:48		
Line 1	Line 2	11	12

Partner beep

An acoustic call signal is also possible as a so-called partner beep, in addition to the optical display on the set.

- It is activated/deactivated on the telephone set.
- Internal and external calls will be acoustically signalled to the partner (partner beep).
- The signal is a single short ring (about 1 second)
- A partner beep interrupts any existing signals briefly to alert the partner
- The volume of the signal depends on the state (free/busy) of the partner who is signalled. Normal ringing volume for a free partner, second ringing volume for a busy partner
- Simultaneous calls to several partners cause several ringing signals

Programming:

Set to selection Partner (here Classic)	Beep state	The "OK" key is used for switching on and off						
11	(off)	= on						
12	(off)	= on						
Exit programming								
<table border="1" style="margin: auto;"> <tr> <td style="padding: 5px;">15</td> <td style="padding: 5px;">18.09. 11:48</td> </tr> <tr> <td style="padding: 5px;">Line 1</td> <td style="padding: 5px;">Line 2</td> </tr> <tr> <td style="padding: 5px;">11</td> <td style="padding: 5px;">12</td> </tr> </table>			15	18.09. 11:48	Line 1	Line 2	11	12
15	18.09. 11:48							
Line 1	Line 2							
11	12							

Do not disturb

- The do-not-disturb service bars signalling of **all internal** calls. The caller receives the **busy tone**
- Incoming **external calls** are signalled as usual
- A subscriber with activated do-not-disturb service can set up outgoing **internal and external connections** without restriction

Programming:

↓ Set to selection	Do not disturb state	The "OK" key is used for switching on and off
Do not disturb	(off)	= on

Language

- Different languages can be set on the system telephones for user guidance in the display.

Programming:

↓ Set to selection		
Deutsch		= Display is in German
English		= Display is in English
Francais		= Display is in French

Function keys

These function keys are assigned the entered functions in basic programming. Pressing the key activates its assigned function. You can also assign other functions to the keys.

Menu nos. are assigned to the function keys. When programming the keys, you can select the keys by pressing them or by entering their **menu no.**

T3 Compact Function key numbers Menu numbers	Menu no. 1	Function key no. 11	Call list
	Menu no. 2	Function key no. 12	Divert to
	Menu no. 3	Function key no. 13	Phone book
	Menu no. 4	Function key no. 14	Message

T3 Classic Function key numbers Menu numbers	Line (1)	Line (2)	Part 1 (11)	Part 2 (12)
	Function key no. 01	Function key no. 02	Function key no. 03	Function key no. 04
	Menu no. 1	Menu no. 2	Menu no. 3	Menu no. 4
	Menu no. 5	Function key no. 05	Call list	
	Menu no. 6	Function key no. 06	Announce	
	Menu no. 7	Function key no. 07	Message	
	Menu no. 8	Function key no. 08	Divert to	
	Menu no. 9	Function key no. 09	Auto callback	
	Menu no. 10	Function key no. 10	Phone book	

Line (1)	Line (3)	Line (5)	Part 1 (11)	Part 2 (12)	
Function key no. 01	Function key no. 02	Function key no. 03	Function key no. 04	Function key no. 05	
Menu no. 1	Menu no. 2	Menu no. 3	Menu no. 4	Menu no. 5	
Line (2)	Line (4)	Line (6)	Part 3 (13)	Part 4 (14)	
Function key no. 06	Function key no. 07	Function key no. 08	Function key no. 09	Function key no. 10	
Menu no. 6	Menu no. 7	Menu no. 8	Menu no. 9	Menu no. 10	
Menu no. 17	Function key no. 17	Night service†	Menu no. 11	Function key no. 11	Call list
Menu no. 18	Function key no. 18	Pick-up	Menu no. 12	Function key no. 12	Announcement
Menu no. 19	Function key no. 19	Appt.	Menu no. 13	Function key no. 13	Message
Menu no. 20	Function key no. 20	Lock	Menu no. 14	Function key no. 14	Divert to
Menu no. 21	Function key no. 21	Do-not-dist.	Menu no. 15	Function key no. 15	Auto callback
Menu no. 22	Function key no. 22	Door opener door 1	Menu no. 16	Function key no. 16	Phone book

T3-Comfort Function key numbers Menu numbers

Keys and possible functions:

The function keys are preset to default settings but can be changed as you like

Function keys Default				Other possible functions
Compact	Classic	Comfort		
1: Call list	1: Line 1	1: Line 1		
2: Divert to	2: Line 2	2: Line 3		
3: Phone book	3: Part. 1	3: Line 5		Pick-up
4: Message	4: Part. 2	4: Part. 1		Phone book
	5: Call list	5: Part. 2		Mute (Compact only)
	6: Announce	6: Line 2		Destination key
	7: Message	7: Line 4		Call list
	8: Divert to	8: Line 6		Divert from
	9: Auto callback	9: Part. 3		Divert to
	10: Phone book	10: Part. 4		Partner
		11: Call list		Line 1 - x
		12: Announce	→	Appt.
				Appointment for others
		13: Message		Message
		14: Divert to		Charges
		15: Auto callback		Night service 1 - 3
		16: Phone book		Lock
		17: Night service 1		Programming
		18: Pick-up		Code
		19: Appt.		Tone dial (DTMF)
		20: Lock		Announce
		21: Do-not-dist.		
		22: Door opener door 1		

Short description of the functions

The functions stand for features which can be activated or deactivated. It may be that the function which has been assigned to function key cannot be used.

Please ask your after-sales service.

When a function is assigned to a function key, you can do the following by pressing that function key:			
Pick-up			You can pick up calls
Phone book			You can browse directly in the phone book and enter new numbers
Mute (Compact only)			You can switch off your microphone during a call
Call list	List		You can look directly in the call list
Divert from			You can enter directly whose calls are to be diverted to you
Divert to			You can enter directly to whom your calls are to be diverted
Line 1 - x	L01		You can seize an exchange line directly
Appt.			You can enter an appointment directly
Message			You can write and send a message directly
Charges			You can display call data directly
Night service 1...3			You can activate or deactivate (= day service) one of the three night services directly
Lock			You can lock your telephone with this function
Programming			Takes you directly to the "Settings" menu
Code	1234		You can add a code to an external dialled number
Tone dial (DTMF)			You can send DTMF signals from time to time via the numeric key pad
Announce			You can make an announcement to all telephones
Serial call		Funcn no. *92 and #92	You can forward an external call to another subscriber and have it return to you when that conversation is finished
Call tracing	M C I D	Funcn no. *197	You can trace callers
The features " Serial call " and " Call tracing " are described in the chapter " Other features ". The " Call tracing " and " Serial call " functions cannot be assigned to function keys using the telephone menu. Please ask your after-sales service.			

Functions without additional entries

Programming:

		Programming applies to these functions					
		Pick-up,	Phone book				
		Mute (Compact only)	Call list				
		Divert from	Divert to				
		Line 1 - x	Appt.				
		Message	Charges				
		Night service 1 - 3	Lock				
		Programming	Code				
		Tone dial (DTMF)	Announce				
 Set to the desired function key e.g. 7: Message (Classic)							
7: Message							
		Select function from the list e.g. Pick up					
		Function key 7 has now been changed from Message to Pick-up					
<p style="text-align: center;">    Exit programming </p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 15 18.09. 11:48 </div> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>Line 1</td> <td>Line 2</td> <td>11</td> <td>12</td> </tr> </table> </div>				Line 1	Line 2	11	12
Line 1	Line 2	11	12				

Functions with additional entry

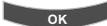
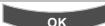
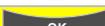
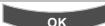
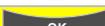
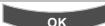
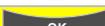
Destination key

Programming:

	<p>Destination key</p> <p>Requirements: You have entered YOUR individual phone book entries correctly, with phone numbers and names. You can now program an individual destination on a function key.</p>																
<p>↓ Set to the desired function key e.g. 7: Message (Classic)</p>																	
<p>7: Message</p>																	
		<p>Select Destination key from list</p>															
		<p>Destination All your individual destinations are displayed:</p> <table border="1" data-bbox="453 774 974 957"> <thead> <tr> <th data-bbox="453 774 498 805"></th> <th data-bbox="498 774 700 805">Indiv. destinations</th> <th data-bbox="700 774 974 805"></th> </tr> </thead> <tbody> <tr> <td data-bbox="453 805 498 845">0:</td> <td data-bbox="498 805 700 845">Miller</td> <td data-bbox="700 805 974 845"> or</td> </tr> <tr style="background-color: yellow;"> <td data-bbox="453 845 498 885">1:</td> <td data-bbox="498 845 700 885">Moore</td> <td data-bbox="700 845 974 885"> or</td> </tr> <tr> <td data-bbox="453 885 498 925">2:</td> <td data-bbox="498 885 700 925">Schmidt</td> <td data-bbox="700 885 974 925"> or</td> </tr> <tr> <td data-bbox="453 925 498 959">X:</td> <td data-bbox="498 925 700 959">Morley</td> <td data-bbox="700 925 974 959"></td> </tr> </tbody> </table>		Indiv. destinations		0:	Miller	 or	1:	Moore	 or	2:	Schmidt	 or	X:	Morley	
	Indiv. destinations																
0:	Miller	 or															
1:	Moore	 or															
2:	Schmidt	 or															
X:	Morley																
<p>   Exit programming</p> <div data-bbox="380 1005 666 1125" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center;">15</td> <td style="width: 80%; text-align: right;">18.09. 11:48</td> </tr> <tr> <td style="text-align: center;">Line 1</td> <td style="text-align: center;">Line 2</td> </tr> <tr> <td style="text-align: center;">11</td> <td style="text-align: center;">12</td> </tr> </table> </div> <p style="text-align: center; background-color: yellow;">The destination "Moore" is on function key 7</p>			15	18.09. 11:48	Line 1	Line 2	11	12									
15	18.09. 11:48																
Line 1	Line 2																
11	12																

Partner

Programming:

	<p>Partner</p>											
<p>↓ Set to the desired function key e.g. 7: Message (Classic)</p>												
<p>7: Message</p>												
		<p>Select Partner from list</p>										
		<p>Display all system subscribers</p>										
		<table border="1"> <tr> <td data-bbox="493 719 676 759">Subscribers</td> <td data-bbox="676 719 1016 759"></td> </tr> <tr> <td data-bbox="493 759 676 791">11</td> <td data-bbox="676 759 1016 791">  or </td> </tr> <tr> <td data-bbox="493 791 676 823">12</td> <td data-bbox="676 791 1016 823">  or </td> </tr> <tr style="background-color: yellow;"> <td data-bbox="493 823 676 855">13</td> <td data-bbox="676 823 1016 855">  or </td> </tr> <tr> <td data-bbox="493 855 676 895">X:</td> <td data-bbox="676 855 1016 895">  </td> </tr> </table>	Subscribers		11	 or	12	 or	13	 or	X:	
Subscribers												
11	 or											
12	 or											
13	 or											
X:												
<p style="text-align: center;">  Exit programming </p> <div style="border: 1px solid gray; padding: 5px; margin: 10px auto; width: fit-content;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">15</td> <td style="width: 100px; text-align: center;">18.09. 11:48</td> </tr> <tr> <td style="width: 30px; text-align: center;">Line 1</td> <td style="width: 30px; text-align: center;">Line 2</td> <td style="width: 30px; text-align: center;">11</td> <td style="width: 30px; text-align: center;">12</td> </tr> </table> </div> <p style="text-align: center; color: yellow; background-color: black; padding: 2px;">Subs. 11 is on function key 7 as a partner</p>			15	18.09. 11:48	Line 1	Line 2	11	12				
15	18.09. 11:48											
Line 1	Line 2	11	12									

Dial settings

Handsfree

Autom. handsfree (off)
 Handsfree answer-back (off)

Handsfree enables a conversation to be held using the system telephone's built-in microphone and loudspeaker. The handset does not have to be off the hook for this. You can listen and speak with your hands free.

Autom. handsfree (off)

Handsfree is normally switched off. You need to initiate handsfree during the conversation. If **Autom. handsfree** is set to **"on"** handsfree is switched on automatically when dialling.

Handsfree answer-back (off)

When **"on"**, the handsfree function is switched on automatically with an incoming internal call.

Programming:

Set to selection	Def.	The "OK" key is used for switching on and off or for selecting one of several options.
Autom. handsfree	Off	= On
Handsfr. answ-back	Off	= On

Exchange seizure

- LN on dialling (off)
- Line/off-hook (off)
- Remote no. display (off)
- Direct dial (off)
- Code (off)

A line to the network provider can be seized by a code or a line key.

LN on dialling (off)

LN on dialling (off) means line seizure using a code (e.g. "0") or line key.

LN on dialling (on) means a line to the network provider is seized automatically when any digits are entered. Internal dialling can only take place by pressing the "**R**" key.

Line/off-hook (off)

Line/off-hook (off) means that a line to the network provider must be seized using a code or using the line key.

Line/off-hook (on) means that a line to the network provider is seized directly when the receiver is lifted. Internal dialling can only take place by pressing the "**R**" key.

Remote no. display (off, Master, own)

Here you select what is to be sent to the called party to identify the caller:

- With "**Remote no. display (off)**": The call is anonymous
- With "**Remote no. display (Master)**": The Master MSN is transmitted
- With "**Remote no. display (own)**": Your own phone number is transmitted, respectively the call number configured for the subscriber

Direct dial (off)

Direct dial (off) means the external phone number is entered while the receiver is on hook and then the handset is lifted. The external phone number is transmitted to the network provider by "block dialling".

Direct dial (on) means that the entered digits are transmitted directly to the network provider.

Code (off)

Codes can be entered per call for later evaluation and assignment of the call data records. Different settings are as follows:

Code (off) = no code input possible

Code (on) = code input possible but not mandatory

Programming exchange line seizure:

↓ Settings OK

↓ Dial settings OK

↓ Set to selection	Def.	The "OK" key is used for switching on and off or for selecting one of several options.
LN on dialling	Off	= On
Line/off-hook	Off	= On
Remote no. display own	Off	= On
Direct dial	Off	= On
Code	Off	= On

Esc

Esc

Esc

Exit programming

15

18.09. 11:48

Line 1	Line 2	11	12
--------	--------	----	----

Redialling features

Number of redials
Redial every

Number of redials

The dialled digits are stored in a separate memory when a connection is set up and can be called again for a new connection attempt.

Number of redials indicates how many redial attempts are made with automatic redialling.

Redial every

A number can be redialled every .. seconds.

Programming:

Set to selection	Def.	The "OK" key is used to select one of several options.				
Number of redials	5	1x = 10 redials 2x = 0 redials 3x = 3 redials 4x = 5 redials				
Redial every	30s	1x = 60s 2x = 90s 3x = 120s 4x = 15s 5x = 30s				
Exit programming						
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 15 18.09. 11:48 </div> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">Line 1</td> <td style="width: 25%;">Line 2</td> <td style="width: 25%;">11</td> <td style="width: 25%;">12</td> </tr> </table> </div>			Line 1	Line 2	11	12
Line 1	Line 2	11	12			

Second call (on)

Second call (on)

Second call (on)

means: If a call is received while a conversation is in progress, this call is signalled and you can change to this call without terminating the existing call. The caller hears the ringing tone.

Second call (off) means:

A call is not signalled to the called party and the caller hears the busy tone.

Programming:

The screenshot shows a settings menu with the following elements:

- A top bar with a blank field.
- Navigation options: 'Settings' and 'Dial settings', each with a downward arrow and an 'OK' button.
- A table with two columns: 'Set to selection' and 'Def.'. The 'Def.' column contains the text 'The "OK" key is used for switching on and off'.
- A row for 'Second call' with the value 'On' and a button labeled 'OK = Off'.
- A bottom section with three 'Esc' buttons and the text 'Exit programming'.
- A status box at the bottom containing:
 - A box with the number '15'.
 - A box with the date and time '18.09. 11:48'.
 - A table with columns 'Line 1' and 'Line 2', and values '11' and '12'.

Applications

General call (off)

A general call can be understood as the simultaneous acoustic signalling to all extensions of a call (if no operator position is set up) or of a fault in the telecommunications system.

General call (on) means that this subscriber can also be called with "general call".

General call (off) means that this subscriber **cannot** be called with "general call".

Programming:

Set to selection	Def. The "OK" key is used for switching on and off
General call	Off = On

Hunt group (off)

If calls are to be distributed sensibly within a workgroup to distribute the workload according to company specifications, it is advisable to use a hunt group.

A subscriber who is a member of a hunt group can switch out of this hunt group if necessary (do not disturb by hunt group).

Hunt group (on) means the subscriber is available in the hunt group

Hunt group (off) means the subscriber is switched out of the hunt group

Programming:

Set to selection	Def. The "OK" key is used for switching on and off
Hunt group	Off = On

VIP call (off)

The VIP call links wire telephony with a wireless pager. If the called telephone is not manned, the call is signalled to the VIP-Call-Receiver by radio. The employee carrying the VIP-Call-Receiver can answer the call on any internal telephone after being paged.

VIP call (on) means the subscriber can be called by VIP call

VIP call (off) means the subscriber has switched out of VIP call signalling.

Programming:

↓ Settings	OK									
↓ Applications	OK									
↓ Set to selection	Def.	The "OK" key is used for switching on and off								
VIP call	Off	= On								
Exit programming										
<table border="1"> <tr> <td>15</td> <td colspan="3">18.09. 11:48</td> </tr> <tr> <td>Line 1</td> <td>Line 2</td> <td>11</td> <td>12</td> </tr> </table>			15	18.09. 11:48			Line 1	Line 2	11	12
15	18.09. 11:48									
Line 1	Line 2	11	12							

Headset (off)

If a headset is connected, it can be switched on and off with this function.

The headset must be released by code 38 V8 as a prerequisite for this.

Programming:

↓ Settings	OK									
↓ Applications	OK									
↓ Set to selection	Def.	The "OK" key is used for switching on and off								
Headset	Off	= On								
Exit programming										
<table border="1"> <tr> <td>15</td> <td colspan="3">18.09. 11:48</td> </tr> <tr> <td>Line 1</td> <td>Line 2</td> <td>11</td> <td>12</td> </tr> </table>			15	18.09. 11:48			Line 1	Line 2	11	12
15	18.09. 11:48									
Line 1	Line 2	11	12							

Internal call list (off)

The call list enables storage of internal and external call data of unanswered calls depending on the configuration.

Internal call list (on) means that internal call data are also stored

Internal call list (off) means that only call data from external calls are stored.

Programming:

The screenshot shows a programming menu with the following structure:

- Settings (OK)
- Applications (OK)
- Set to selection (Def. The "OK" key is used for switching on and off)
- Internal call list (Off, OK = On)

Below the menu, there are three 'Esc' keys and the text 'Exit programming'. A central display shows:

15 18.09. 11:48

Line 1	Line 2	11	12

Slot 1: CTI/Audio-Link (e.g.)

Information about the link plugged into **slot 1**

Here e.g.: the **CTI/Audio-Link** is plugged into **slot 1**

Slot 2: CTI/Audio-Link (e.g.)

Information about the link plugged into **slot 2**

Here e.g.: the **CTI-Link** is plugged into **slot 2**

System functions

Answering station, day and night service

- Answering station and day service
- Night service 1 ..3
- Auto night service

Answering station, day service

An answering station (also called "operator position") is a telephone which is assigned to an exchange line of the telecommunications system and to which the following calls to the system via this exchange line are always diverted:

- incoming calls on an analog exchange line
- incoming calls to an ISDN exchange line (for system connection) and analog exchange line, if an existing direct inward dial number was not dialed
- incoming calls to an ISDN exchange line, if no subscriber is assigned to the MSN call number dialed (in the case of multiple connection)

The answering station is also called for:

- Recall
- Deflection
- Direct inward dialling with 0 (system connection)

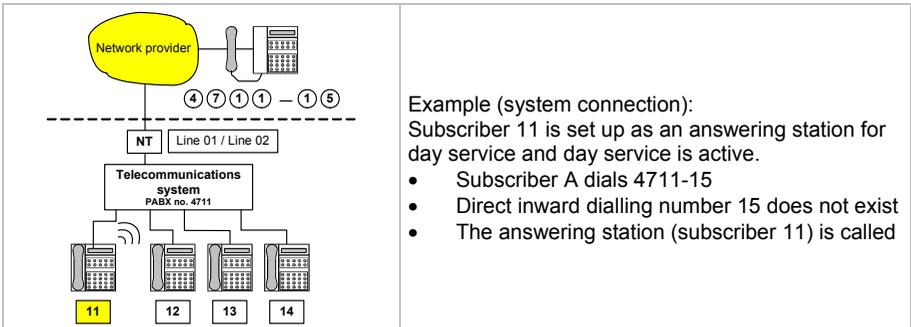
In the four possible operating states of the telecommunications system, **day service** and **night services 1 to 3**, up to **three** sets can be assigned as answering stations for an exchange line.

Day service:

After initial system start-up of your telecommunications system, the telephone with internal call number 11 is set up as the answering station for the exchange line.

Night service 1 to 3:

The answering stations for night services can be specified when programming the night services.



Programming answering station for day service:

Answering station Day service	Subs. 11 is currently programmed for the day service of line 1. You want to change this. Subs. 12 and 13 are to be assigned to the day service of line 1.
	Day service 1: L_
	or e.g. 0 1 Day service 1: L 01
	S 11, __, __
	S 12, 13 , __
	Day service 1: (next line)
Exit programming	



If the day service is not assigned to an answering station, any external call made to the telecommunications system becomes a general call.

In the case of external calls via an exchange line to the telecommunications system, a general call results when a call is supposed to reach the answering station but the answering station is not assigned to an exchange line.

In the event of a **general call**, the incoming external call is signalled to all **non-restricted** or **semi-restricted** telephones connected to the telecommunications system. This occurs acoustically and visually in the display for system telephones, but only acoustically for analog telephones. These telephones can also accept the call.

Busy system telephones are called acoustically at a low volume and busy analog telephones receive a special information tone during the call.

Fully-restricted telephones in the telecommunications system are not called in the event of a general call.

The advantage of general calls is that you can answer an external call to your telecommunications system at a telephone located conveniently nearby.

Night service 1..3

Night service – in contrast to **day service** – is a special operating status which you have to program yourself.

You can set up the following for a night service:

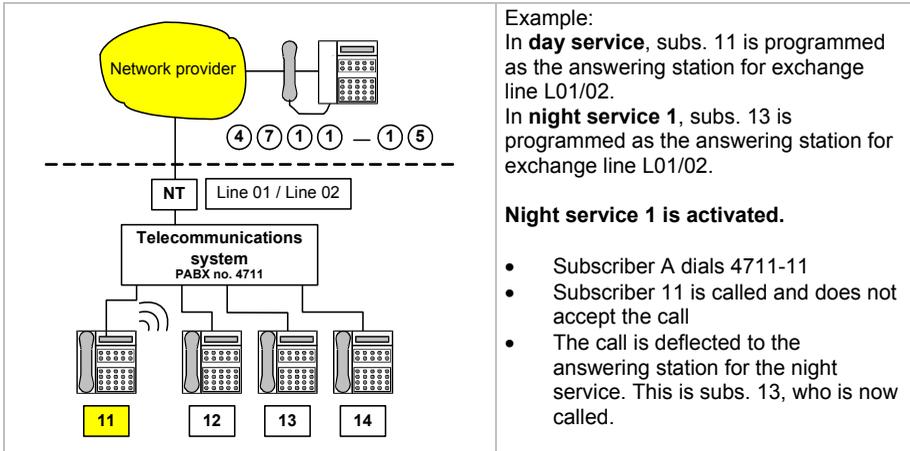
- set up other **answering stations** for the exchange lines
- change the **classes of service** of subscribers on the activation of night service
- program **appointed times** for automatic night service activation and deactivation

Options for activating a night service

- **Manual night service**
A telephone is switched from day service to one of the programmed night services by a subscriber on the telephone set itself
- **Automatic night service**
The telephone is switched over to one of the programmed night services automatically at the programmed start times.
The switching type currently activated is maintained until a programmed destination is reached for the first time. It might be required to set the desired switching type first.

You can set up a maximum of three night services. They are **night services 1, 2 and 3**.

Example



Programming answering stations for night services 1, 2 and 3:

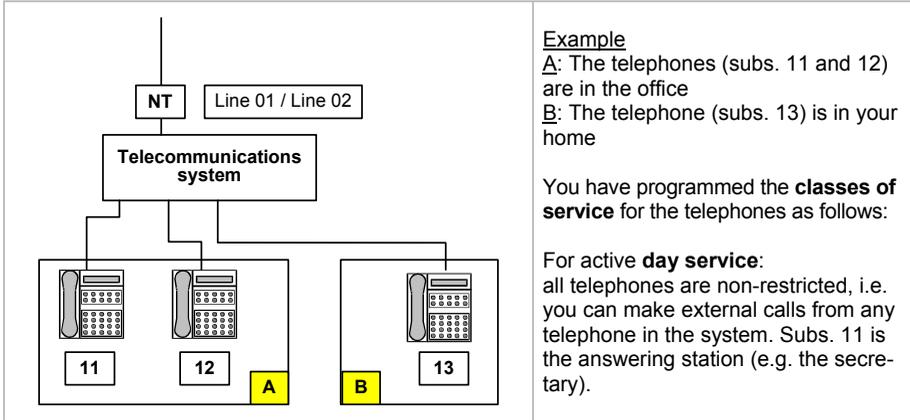
	<p>Night service 2 and night service 3 are to be programmed the same as Night service 1</p>				
<p>↓ Set to selection</p>					
<p>Night service 1</p>	<p>Subs. 11 is currently programmed for the night service 1 of line 1. You want to change this. Subs. 12 and 13 are to be assigned to the night service 1 of line 1.</p>				
<p>OK</p>	<p>Night service 1: L_</p>				
<p>or e.g. 0 1</p>	<p>Night service 1: L 01</p>				
<p>1 2 1 3</p>	<p>S 11, __, __</p>				
<p>OK</p>	<p>S 12, 13, __</p>				
<p>OK</p>	<p>Night service 1: (next line)</p>				
<p>Esc Esc Esc Exit programming</p> <div style="border: 1px solid gray; padding: 5px; width: fit-content; margin: 10px auto;"> <p>15 18.09. 11:48</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>Line 1</td> <td>Line 2</td> <td>11</td> <td>12</td> </tr> </table> </div>		Line 1	Line 2	11	12
Line 1	Line 2	11	12		



In the basic programming of the night services, no answering stations are assigned to the exchange lines.
 If the night service is not assigned to an answering station, any external call made to the system is a general call.

Changing the classes of service of subscribers

You can change the classes of service of subscribers on the activation of night service. You can find out how to program this under **Classes of service**



For active **night service 1**:

- Subs. 11 and 12 are semi-restricted, i.e. they cannot make external calls.
- Subs. 13 is non-restricted and is programmed as the answering station for the night service.

When **night service 1** is activated,

- External calls to subs. 11 and 12 which are not accepted are deflected to the night service answering station (subs. 13)
- External calls can no longer be made from the office

Appointed times for automatic night service switchover

You can activate and deactivate the selected night service **manually** on your telephone set or you can set it up to activate and deactivate **automatically** (see telephone operating instructions).

For the automatic function you must program start and end times for the night services and activate the "**Automatic night service**" function. The night services are then activated automatically at the specified start times and deactivated at the specified end times.

There are **three** variants for automatic night changeover appointments

single changeover, e.g.

on 10.11.99: start time 10 h

on 10.11.99: end time 12 h

daily changeover, e.g.

every day: start time 18 h

end time 6 h

Changeover **each week** on certain days, e.g.

on Saturday: start time 8 h

on Sunday: end time 20 h

Programming appointed times for automatic night service changeover:

The following table lists the possible entries for the operating states (activated/deactivated) of **day service** and **night services 1, 2 and 3**. Code numbers are assigned to the entries. Use these code numbers to select the desired operating states when programming.

Since you can also activate or deactivate the operating states for "automatic night service" manually at any time by entering the corresponding function number, you will find the corresponding function numbers in the right-hand column of the table. These functions can also be assigned to function keys and executed by pressing the relevant function key.

Code number	Operating state	Status of service	Function number
01	Day service	Activate	*60
02	Day service	Activate	*60
03	Day service	Activate	*60
04	Day service	Activate	*60
11	Night service 1	Activate	*61
12	Night service 1	Deactivate	#61
13	Night service 1	Activate	*61
14	Night service 1	Deactivate	#61
21	Night service 2	Activate	*62
22	Night service 2	Deactivate	#62
23	Night service 2	Activate	*62
24	Night service 2	Deactivate	#62
31	Night service 3	Activate	*63
32	Night service 3	Deactivate	#63
33	Night service 3	Activate	*63
34	Night service 3	Deactivate	#63

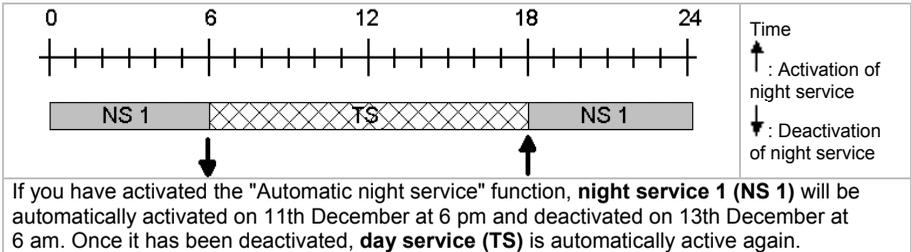
2 start times and 2 end times can be entered for each night service.



Activating one night service deactivates another active night service. Only one night service can be active at any time and this is always the one which was activated most recently.

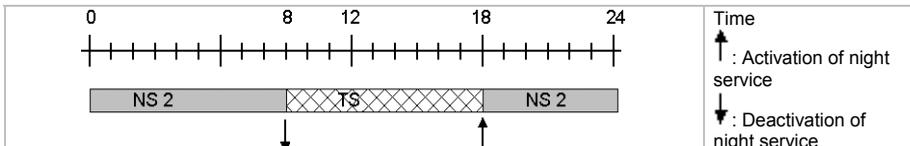
Programming:

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> ↓ Settings OK </div> <div style="display: flex; justify-content: space-between; align-items: center;"> ↓ System functions OK </div> </div>	Single changeover
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> ↓ Set to selection </div>	
Automatic night service	<p>The programmed night service 1 is to be activated on the 11th of December at 18 h and deactivated on the 13th of December at 6 h.</p>
<div style="border: 1px solid black; padding: 2px; width: 50px; margin: 0 auto;">OK</div>	Prog. 19_
<div style="display: flex; justify-content: space-around; width: 100px;"> 1 1 </div>	Code no. from table
Prog. 19. 11	11 DD.MM. hh:mm _
<div style="display: flex; justify-content: space-around; width: 100px;"> 1 1 1 2 </div>	Date from
Prog. 19. 11	11.12
<div style="display: flex; justify-content: space-around; width: 100px;"> 1 8 0 0 </div>	Time from
Prog. 19. 11	11.12 18:00
<div style="border: 1px solid black; padding: 2px; width: 50px; margin: 0 auto;">OK</div>	Prog. 19.
<div style="display: flex; justify-content: space-around; width: 100px;"> 1 2 </div>	Code no. from table
Prog. 19. 12	12 DD.MM. hh:mm _
<div style="display: flex; justify-content: space-around; width: 100px;"> 1 3 1 2 </div>	Date to
Prog. 19. 12	13.12
<div style="display: flex; justify-content: space-around; width: 100px;"> 0 6 0 0 </div>	Time to
Prog. 19. 12	13.12 06:00
<div style="border: 1px solid black; padding: 2px; width: 50px; margin: 0 auto;">OK</div>	Prog. 19.
<div style="display: flex; justify-content: space-around; width: 100%; margin: 0 auto;"> Esc </div>	
Exit programming	
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 15 18.09. 11:48 </div> <div style="display: flex; justify-content: space-between; width: 100%; margin-top: 5px;"> Line 1 Line 2 11 12 </div> </div>	



Programming automatic night service – daily changeover

	Daily changeover
 Set to selection	
Automatic night service	The programmed night service 2 is to be activated every day of the week at 18 h and deactivated at 8 h.
	Prog. 19_
 Code no. from table (night service 2 on)	Prog. 19. 21 DD.MM. hh:mm _
	<ul style="list-style-type: none"> • Instead of entering the date, press the # key to select individual days or all days of the week • The whole week can be selected by pressing *
	Prog. 19. 21 MTWTFSS hh:mm
	"MTWTFSS" appears for Monday, Tuesday, Wednesday etc. You can select all days of the week (daily) by pressing the 0 key. The system then waits for you to enter the time. See display.
	Prog. 19. 21 MTWTFSS hh:mm
 Time from	Prog. 19. 21 MTWTFSS 18:00
	Prog. 19_
 Code no. from table (night service 2 off)	Prog. 19. 22 DD.MM. hh:mm _
	Prog. 19. 22 MTWTFSS hh:mm
	Prog. 19. 22 MTWTFSS hh:mm
 Date to	Prog. 19. 22 MTWTFSS 08:00
	Prog. 19_
	Exit programming



If you have activated the "Automatic night service" function, **night service 2 (NS 2)** will be automatically activated at 6 pm on every day of the week and deactivated the next morning at 8 am. Once it has been deactivated, **day service (TS)** is automatically active again.

Programming automatic night service - changeover each week on certain days

<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: left;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ↓ Settings </div> <div style="border: 1px solid black; padding: 2px;"> ↓ System functions </div> </div> <div style="text-align: right;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> OK </div> <div style="border: 1px solid black; padding: 2px;"> OK </div> </div> </div>	<h2 style="margin: 0;">Changeover each week on certain days</h2>
<div style="border: 1px solid black; padding: 5px;"> ↓ Set to selection </div>	
Automatic night service	The programmed night service 1 is to be activated every week from Monday to Friday at 17 h and deactivated at 7 h.
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 100px; margin: 0 auto;"> OK </div>	Prog. 19.
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">1</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">1</div> Code no. from table </div>	Prog. 19. 11 DD.MM. hh:mm _
Press the # key to select individual days of the week.	
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 20px;"> # </div>	Prog. 19. 11 MTWTFSS hh:mm
You can exclude a day of the week by pressing the numeric keys 1 7 . Key 1 excludes Monday, key 2 Tuesday and so on. If you have deleted one day and want to delete another day, press the # key again and then press the number key for the desired day. You can then continue with programming the example.	
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 20px;"> 6 </div>	Prog. 19. 11 MTWTF_S hh:mm
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 20px;"> # </div>	Prog. 19. 11 MTWTF_S hh:mm
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 20px;"> 7 </div>	Prog. 19. 11 MTWTF__ hh:mm
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">1</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">7</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">0</div> Time from </div>	Prog. 19. 11 MTWTF__ 17:00
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 100px; margin: 0 auto;"> OK </div>	
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">1</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">2</div> Code no. from table </div>	Prog. 19. 12 DD.MM. hh:mm _
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 20px;"> # </div>	Prog. 19. 12 MTWTFSS hh:mm
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 20px;"> 6 </div>	Prog. 19. 12 MTWTF_S hh:mm
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 20px;"> # </div>	Prog. 19. 12 MTWTF_S hh:mm
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 20px;"> 7 </div>	Prog. 19. 12 MTWTF_ hh:mm
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">7</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px; width: 20px; text-align: center;">0</div> Date to </div>	Prog. 19. 12 MTWTFSS 07:00
<div style="border: 1px solid black; padding: 2px; text-align: center; width: 100px; margin: 0 auto;"> OK </div>	
<div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> Esc </div> <p>Exit programming</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%; text-align: center;"> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> 15 18.09. 11:48 </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> Line 1 Line 2 11 12 </div> </div>	
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> </div> <div style="flex: 0.5; text-align: center; padding-left: 10px;"> <p>Time</p> <p>↑ : Activation of night service</p> <p>↓ : Deactivation of night service</p> </div> </div>	
<p>If you have activated the "Automatic night service" function, night service 1 (NS 1) will be activated at 5 pm on Monday to Friday and deactivated at 7 am. Once it has been deactivated, day service (TS) is automatically active again.</p>	

Multiple connection

The system must be informed whether a system connection or a multiple (MSN) connection is connected to the respective exchange transmission.

Programming:

Settings

System functions

OK



After conversion, no calls can be received until the MSN numbers have been correctly configured.

Set to selection

Multiple connection	Line 1 is configured as the system (telec. system) connection at present. You want to reconfigure line 1 as a multiple connection (MSN).
OK	Prog.87: L_
or e.g. 0 1	Prog.87: L 01d 1_3___7_
7	Prog.87: L 01d 1_3___
OK	Prog.87: L_

Esc Esc Esc Exit programming

15
18.09. 11:48

Line 1	Line 2	11	12
--------	--------	----	----

Door stations

The following points should be noted when setting up a door station:

- Assign call number for the door station
- Set up calling stations for the door station and set the volume of the loudspeaker and the sensitivity of the microphone at the door station
- Set up function keys as door openers

After selecting "Door stations":

Shown in the display: **Prog. 40 Sxx 1:11** (xx = number of the door station)

The basic programming of dial codes and their functions can be viewed as follows after starting the programming procedure for dial codes:

Select the **Transfer** menu option and confirm your selection by pressing OK. The next input prompt is displayed. Continue pressing OK to confirm the **Transfer** menu item again and display all possible input prompts for dial code **40**.

The following table lists the possible input prompts and their meanings, in the order in which they appear.

Entry	Meaning
Prog. 40 Sxx 1:11	"1" stands for calling station in Day service , "11" stands for the subscriber with call number 11.
Prog. 40 Sxx 2:11	"2" stands for calling station in Night service 1 , "11" stands for the subscriber with call number 11.
Prog. 40 Sxx 3:11	"3" stands for calling station in Night service 2 , "11" stands for the subscriber with call number 11.
Prog. 40 Sxx 4:11	"4" stands for calling station in Night service 3 , "11" stands for the subscriber with call number 11.
Prog. 40 Sxx L:4	"L" stands for the Volume setting of the door station loudspeaker. "4" stands for the selected volume of the loudspeaker. 1 (small) to 8 (large)
Prog. 40 Sxx M:4	"M" stands for the Microphone setting of the door station. "4" stands for the selected sensitivity of the microphone. 1 (low) to 8 (high)
Prog. 40 S	Returns to the beginning of the programming sequence for dial code 40
In the basic programming, the subscriber with internal call number 11 in day service and in night services 1 .. 3 (if set up) is called by the door station.	

Programming:

Door stations	<p>You want to program the door station with internal call number 15 as follows:</p> <ul style="list-style-type: none"> In night service 1, the subscriber with internal call number 13 is called by the door station You want to increase the volume of the loudspeaker at the door station. <p>Program the door station as follows: call number, night service, volume</p>
	<p>OK</p> <p>Prog.40: S_</p>
	<p>1 5</p> <p>Prog.40: S 15</p>
	<p>Input prompt for the calling station in day service (see table). You do not need to make any changes here.</p>
	<p>↑ ↓</p> <p>For transfer</p>
	<p>OK</p> <p>Prog.40: S 15 2:11</p>
	<p>Input prompt for the calling station in night service 1</p>
	<p>1 3</p> <p>Prog.40: S 15 2:13</p>
	<p>↑ ↓</p> <p>For transfer</p>
	<p>OK</p> <p>Prog.40: S 15 3:11</p>
	<p>Continue pressing OK to confirm the Transfer menu item again and toggle to the entry field for the volume control</p>
	<p>Prog.40: S 15 L:4</p>
	<p>6</p> <p>Prog.40: S 15 L:6</p>
	<p>↑ ↓</p> <p>For transfer</p>
	<p>OK</p> <p>Prog.40: S 15 M:4</p>
	<p>OK</p> <p>Prog.40: S_</p>
<p>Esc Esc Esc Exit programming</p>	

Function key as door opener

Function keys	<p>Settings</p> <p>Function keys</p>
---------------	--------------------------------------

Select a function key. Enter **4 0** instead of a menu entry.
Further procedure as described under "Function keys".

System times

4 system times can be programmed in the system:

- Call forwarding time**
 The time before the call is forwarded can be set globally for the system between 0 and 60 sec.
- Time threshold for call vouchers**
 External call must have a certain duration, e.g. calls <= 15 seconds are not printed.
- Call diversion delay time**
 For "call diversion after time". Call appears on the display and you can decide whether to answer it or not. If it is not answered, the call is diverted at the end of the set time.
- Time after going off-hook up to automatic emergency call**
 After going off hook the programmed time remains for setting up a call. If you do not dial, an emergency call is sent to a programmed emergency call station.

Programming:

<div style="border: 1px solid black; padding: 2px;"> </div>					
<div style="border: 1px solid black; padding: 2px;"> Settings OK </div>					
<div style="border: 1px solid black; padding: 2px;"> System functions OK </div>					
<div style="border: 1px solid black; padding: 2px;"> Set to selection </div>					
System times					
	OK				
Call forwarding time	Prog.20 T_ 0 9 s_15				
or	1 2 3 time in secs Prog.20 T 09 s_123				
	Prog.20 T_				
Time threshold for call vouchers	Prog.20 T 12 s_15				
or	1 2 3 time in secs Prog.20 T 12 s_123				
	Prog.20 T_				
Call diversion delay time	Prog.20 T 13 s_15				
or	1 3 1 2 3 time in secs Prog.20 T 13 s_123				
	Prog.20 T_				
Time after going off-hook up to automatic emergency call	Prog.20 T 15 s_15				
	1 2 3 time in secs Prog.20 T 15 s_123				
	Prog.20 T_				
<div style="border: 1px solid black; padding: 5px;"> Exit programming </div>					
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> 15 18.09. 11:48 </div>					
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">Line 1</td> <td style="padding: 2px;">Line 2</td> <td style="padding: 2px;">11</td> <td style="padding: 2px;">12</td> </tr> </table> </div>		Line 1	Line 2	11	12
Line 1	Line 2	11	12		

Date and time

The date and time are shown in the system telephone display. They are generated by a time module in the system and sent to the display every minute.

After initial system start-up, a random date and time are displayed.

You will therefore have to program the **current** date and time after system start-up.

When connecting the telecommunications system to ISDN exchange lines, the time module for establishing an outgoing connection is synchronised to the time and date of the network provider. The prerequisite for this is that the network provider sends this information when the connection is established.

Programming:

<input type="text"/>													
↓	Settings 												
↓	System functions 												
↓	Set to selection												
Date/Time	Date and time should be changed from 14.11.00 02:22 to 15.12.01 03:33.												
	14.11.00 02: 22												
	 14.11.00 02: 22 _												
	<table border="1"> <tr> <td>1</td><td>5</td><td>1</td><td>2</td><td>0</td><td>1</td> </tr> <tr> <td>0</td><td>3</td><td>3</td><td>3</td><td></td><td></td> </tr> </table>	1	5	1	2	0	1	0	3	3	3		
1	5	1	2	0	1								
0	3	3	3										
	14.11.00 02: 22 15.12.01 03:33												
													
  Exit programming													
<table border="1"> <tr> <td>15</td> <td>18.09. 11:48</td> </tr> <tr> <td>Line 1</td> <td>Line 2</td> <td>11</td> <td>12</td> </tr> </table>		15	18.09. 11:48	Line 1	Line 2	11	12						
15	18.09. 11:48												
Line 1	Line 2	11	12										

Customer password

Programming a customer password allows protection from unauthorised persons having access to specific functions of your system. If you have programmed a customer password, these functions require a customer password to be entered in order for them to be executed. The password is known only to you or someone you have informed.

Password-protected functions might include the external switching of switch contacts, the external activation of the door opener for a door station or the execution of a backup for available programmed code dial destinations (phone book).

Programming:

↓ Set to selection							
Customer pswd	You want to set the customer password to "KARL"						
	Prog. *4 _						
With numeric keypad	Prog. *4						
With typewriter keyboard	Prog. *4						
Exit programming							
<table border="1"> <tr> <td>15</td> <td>18.09. 11:48</td> </tr> <tr> <td>Line 1</td> <td>Line 2</td> <td>11</td> <td>12</td> </tr> </table>		15	18.09. 11:48	Line 1	Line 2	11	12
15	18.09. 11:48						
Line 1	Line 2	11	12				

Subscriber names

A name can be displayed on system telephones in addition to the date, time and call number, which are always displayed. This name is assigned to the terminal's internal call number.

Instead of a name you could for example enter organisational designations such as "Sales", "Storage" etc.

Programming:

<div style="border: 1px solid black; padding: 2px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> ↓ Settings </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">OK</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> ↓ System functions </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">OK</div> </div> </div>	
<div style="border: 1px solid black; padding: 2px;"> ↓ Set to selection </div>	
Subscriber name	A name is to be entered for the subscriber with number 11 "Miller"
	S _
	S 11 Name:
With numeric keypad	S 11 Name: Miller
With typewriter keyboard	S 11 Name: Miller
<div style="display: flex; justify-content: center; gap: 10px; margin-bottom: 5px;"> Esc Esc Esc </div> <div style="text-align: center; margin-bottom: 5px;">Exit programming</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 15 18.09. 11:48 </div> <div style="display: flex; justify-content: space-between; width: 100%; margin-top: 5px;"> Line 1 Line 2 11 12 </div> </div>	

Substitute terms

The following display text messages can be changed or added:

No.	Text type, name for	Max. length (characters)
01	Hunt group 1	14
...	...	
08	Hunt group 8	
11	Internal group 1	14
...	...	
18	Internal group 8	
21	Line bundle 1	14
...	...	
28	Line bundle 8	
31	Line 1	14
...	...	
60	Line 30	
61	Night service 1	24
...	...	
63	Night service 3	
71	Standard message text 1	24
...	...	
80	Standard message text 10	
91	Currency display (def. DM)	3

Programming:

↓ Settings OK
 ↓ System functions OK



The substitute terms (max. 24 characters) should only be entered using a T3 Comfort. The substitute terms can be entered with the Classic and Compact telephones but their character recognition is limited.

↓ Set to selection

Substitute terms	"Night service 1" is to be renamed in the T3 Comfort as "Changeover to apartment" "Night service 1" is to be renamed in the T3 Classic as "Chg-apartment"
	OK Prog.32 R_ 6 1 Prog.32 R 61 ■■■■■■
Comfort	↑ C h a n g e o v e r Space t o Space ↑ a p a r t m. Changeover to apartment
Classic	2 2 2 4 4 4 * * * 2 7 C H G - A P CHG-APARTMENT 2 7 7 7 8 6 3 3 6 6 8 A R T M E N T
	OK Exit programming

15 18.09. 11:48
 Line 1 Line 2 11 12

Classes of Service

Each telephone in your telecommunications system can be assigned an individual class of service. This enables you to prevent particular telephones from being used to make undesired long-distance calls, for example.

The following classes of service can be programmed:

Fully restricted	The subscriber can only telephone internally. No emergency numbers such as "110" can be dialed! The subscriber cannot be called externally.
Semi-restricted	The subscriber can also receive external calls and dial general code dialling destinations and emergency call numbers. External calls can be made with the aid of a "non-restricted" subscriber.
Non-restricted	There are no restrictions on the subscriber. Exception: see Call bar

After initial start-up of your telecommunications system, all connected telephones are "non-restricted".

Programming:

Shown in the display: **Prog. 59 Sxx 1 _ 3 _ 5 _ 7 _** (xx = subscriber number)

Variable	Function
1	Non-restricted day service
2	Semi-restricted day service
3	Non-restricted night service 1
4	Semi-restricted night service 1
5	Non-restricted night service 2
6	Semi-restricted night service 2
7	Non-restricted night service 3
8	Semi-restricted night service 3

Variables 1, 3, 5 and 7 are activated for all telephones. This means that they are:

- "non-restricted" in day service
- "non-restricted" in night service 1
- "non-restricted" in night service 2
- "non-restricted" in night service 3

[]

↓ Settings

OK

↓ System functions

OK



A telephone which is set up for day service and night services as the answering station can only be set to "semi-restricted" or "non-restricted".

↓

Set to selection

You want to program the telephone with internal call number **14** as follows:

- "fully restricted" in day service
- "fully restricted" in night services 1, 2 and 3

OK

1

4

Prog. 59 S_

OK

1

3

5

7

Prog. 59 S **14** 1 _ 3 _ 5 _ 7 _

Prog. 59 S 14 _ _ _ _

Esc

Esc

Esc

Exit programming

15

18.09. 11:48

Line 1

Line 2

11

12

Software lock

Telephones can be locked with a PIN.

A locked telephone can only

- Answer calls
- Call internal subscribers
- External calls can only be made after unlocking the telephone with the PIN

Programming:

The screenshot shows a multi-step programming process:

- Navigation:** A cursor points to 'Settings', then 'System functions', and finally 'Set to selection'.
- Software lock configuration:**

Software lock	Subscriber 15 sets up his/her lock: 1234	Prog.76 S_
	OK	Prog.76 S 15 S0000
	1 5	Prog.76 S15 S 1234
	1 2 3 4	
	OK	
- Exit programming:** Three 'Esc' keys are shown, leading to a screen with:
 - Line 1: 15
 - Line 2: 18.09. 11:48
 - Line 1: 11
 - Line 2: 12

Call bar

Call bar groups
Call bar numbers

Call bar

The call bar can be used to monitor **external** call numbers. These call numbers can be barred or enabled for certain subscribers.

You can, for example, set up the system so that a subscriber

- can only make calls within the local area code
- cannot make international calls, with the exception e.g. of France

Setting up the call bar

The call bar is a memory with 90 memory slots for external call numbers. The memory is structured as follows:

Memory address	Call bar group	
01 - 10	1	External call numbers
11 - 20	2	
21 - 30	3	
31 - 40	4	
41 - 50	5	
51 - 60	6	
61 - 70	7	
71 - 80	8	
81 - 85	Emergency call number	
86 - 90	Network provider numbers	

The structure shows:

- 8 **call bar groups** with 10 memory slots each for call numbers to be monitored (memory addresses 01 to 80)
 - 1 **emergency number slot** which can hold 5 entries (memory addresses 81 to 85)
- 1 **provider number slot** which can hold 5 entries (memory addresses 86 to 90)

Call bar groups

The following three programming steps are required when programming call bar groups:

1. **Call number entry**
In the call bar group memory slots, enter the first digits (max. 6) of the call number to be monitored (see "Entering dialling digits in the call bar").
2. **Assigning subscribers to the call bar groups**
You must assign the subscribers, whose external dialling is to be monitored by the call bar group, to the desired call bar groups (see "Programming the assignment of subscribers to call bar groups"). A subscriber can be assigned to several or even all call bar groups.
3. **Assigning exchange lines to the call bar groups**
You can specify for which exchange lines the call bar groups are to be evaluated. This means specific exchange lines can be removed from the call bar.

Evaluating call numbers in call bar groups

The following example shows you how the system evaluates the entered numbers.

The dialled call numbers are monitored digit by digit by the call bar starting at the beginning. If dialling of a barred number is detected, the seized dialup line is released again and the subscriber hears the "busy" signal.

These examples assume that the subscriber (e.g. subs. 11) and the exchange line which the subscriber can access are assigned to call bar group 1.

Example 1:

Subscriber 11 is to be set up so that he

- can only make calls within his local area code

For this example, program call bar group 1 as follows:

Call bar group	Memory slot	Call number
1	01	0

The "0" entered in memory slot 01 means:

- All call numbers which subs. 11 dials and which begin with "0" are barred. These are call numbers outside your own local area code, including of course all numbers in other countries.

Example 2:

Subscriber 11 is to be set up so that he

- can make calls within his local area code
- can call the external area code (e.g. "069") (still within the same country)

For this example, program call bar group **1** as follows:

Call bar group	Memory slot	Call number
1	01	0
	02	069 F

The **"0"** entered in memory slot 01 means:

- All call numbers which subs. 11 dials and which begin with "0" are barred. These are call numbers outside your own local area code, including of course all numbers in other countries.

The **"069 F"** entered in memory area 02 means:

- All call numbers which subs. 11 dials and which begin with "069" are enabled for him.



An **"F"** after the call number indicates that all call numbers which begin with the digit sequence preceding the **"F"** are enabled. Enabled strings of digits take precedence over barred strings of digits.

"F" is the function key **█** **"Refer-back"**

Example 3:

Subscriber 11 is to be set up so that he

- can make calls within his local area code
- can call external local area codes which begin with **"07"** (still within the same country)
- can call abroad only to Oslo in Norway
National code Norway = **0047**
Area code Oslo = **22**

For this example, program call bar group **1** as follows:

Call bar group	Memory slot	Call number
1	01	0
	02	07 F
	03	004722 F
"F" is the function key █ "Refer-back"		

The **"0"** entered in memory slot 01 means:

- All call numbers which subs. 11 dials and which begin with "0" are barred. These are call numbers outside your own local area code, including of course all numbers in other countries.

The **"07 F"** entered in memory area 02 means:

- All call numbers which sub. 11 dials and which begin with **"07"** are enabled.

The **"004722 F"** entered in memory area 03 means:

All call numbers which subs. 11 dials and which begin with **"004722"** are enabled.

Emergency call numbers

The specified emergency call numbers are never subject to monitoring and can be dialled by any subscriber, even if the telephone is locked.

Network provider numbers

You can also make an external call via a network provider using your Integral 5.

In order to monitor the external call numbers dialled by a subscriber after dialling the network provider number, you must enter this provider number in the memory of the provider number slot. The system only initiates the call bar if the dialled network provider number is entered here.

Programming the assignment of subscribers to call bar groups

Shown in the display: **Prog. 22 Sxx** _ _ _ _ _ (xx = subscriber)

Variable	Call bar group	Memory slot
1	1	01 - 10
2	2	11 - 20
3	3	21 - 30
4	4	31 - 40
5	5	41 - 50
6	6	51 - 60
7	7	61 - 70
8	8	71 - 80

In the basic programming, subscribers are not assigned to a call bar group.

Subscribers can be assigned to one, several or all call bar groups.

Programming:

The screenshot shows the following menu structure:

- Settings (OK)
- System functions (OK)
- Set to selection
- Call bar groups (highlighted)
 - You want to assign the telephone with internal call number **13** to call bar groups **1** and **3**
 - OK
 - Prog.22 S_
 - 1 3 (highlighted) Prog.22 S**13** _ _ _ _ _
 - 1 3 (highlighted) Prog.22 S13 **1_3** _ _ _ _ _
 - OK
 - Prog.22 S_
- Exit programming (Esc)
- Bottom display: 15, 18.09. 11:48, Line 1, Line 2, 11, 12

Entering dialling digits in the call bar

Basic programming of the codes

Memory address	Area
01 .. 80	Call bar
81 .. 85	Emergency call
86 .. 90	Network provider

All call bar memory slots are empty in the basic programming.

The screenshot shows a multi-step programming process:

- Navigation:** A menu with 'Settings' and 'System functions' is shown, with 'OK' buttons.
- Selection:** A 'Set to selection' screen is displayed.
- Instruction:** A yellow box contains the text: "You want to program the call bar as follows:
 - in memory slot **01** enter the international prefix "**00**"
 - in memory slot **81** enter the emergency number for the police "**110**"
- Digit Entry:** A sequence of screens shows the entry of digits: '0 1', '0 0', '8 1', and '1 1 0'. Each step includes an 'OK' button and a progress indicator on the right (e.g., 'Prog.21 B_01 _', 'Prog.21 B01 00', 'Prog.21 B81 _', 'Prog.21 B81 110').
- Confirmation:** A yellow box states: "If you want to enter a 'free' number, label it with 'F'. 'F' is the function key [F] 'Refer-back'"
- Exit:** Three 'Esc' buttons are shown with the text "Exit programming".
- Final Screen:** A status screen displays '15' in a box, the time '18.09. 11:48', and a table with columns 'Line 1', 'Line 2', '11', and '12'.

Programming the assignment of the call bar to dialup lines



Every line is coupled with the call bar in the basic system programming.

Charge metering

- Charge voucher control
- Charge functions
- Paper size
- Charge display
- Charge threshold
- Charge factor

General comments

You can always view the charges on your telephone display and also clear them if necessary. With this description, a printer has been added to the charge metering system. Please contact your local service point if you want to connect a printer for printing out charges. There are different ways to connect a printer to your telecommunications system (directly to the telecommunications system or via the various telephones). Your local service personnel will connect the printer correctly and configure it according to your system requirements.

Even if you have not connected a printer, the following menu sequences show you what is displayed on the telephone and what you can change.

The following symbols help you to understand the menu sequence:

Explanation of used symbols	
	Delete charges
	Display
	Printout
	Individual input

Configuration for printer mode

The charge printer has been commissioned by your local service point.

In the table below you can see where you can make changes to charge metering:

Requirement	Feature under 1 to 8	To be programmed	Note
Must	Administrative subscriber	Charge functions Variant 4	1
Must	Voucher function	Charge functions Variant 2	2
Must	Authorisation to delete charges	Charge functions Variant 5	3
Must	Charge record	Charge functions Variant 8	4
Either (def.)	Charge display in amount	Charge functions Variant 2 not set	5
or	Charge display in units	Charge display Variant 2 set	6
Can Def: 01.056000	Charge threshold in local currency	Charge threshold BL	7
Can Def: 01.056000	Charge factor 1..4 in local currency	Charge threshold 1L .. 4L	7
Def: 0	Call voucher in local currency	Charge threshold PL	7
Can Def: 00.076742	Charge threshold in euros	Charge threshold BE	7
Can Def: 00.076742	Charge factor 1..4 in euros	Charge threshold 1E .. 4E	7
Def: 0	Call voucher in euros	Charge threshold PE	7
Can Def: 13.7603	Value of euro in local currency	Charge threshold TX	7
Must	Assign subscriber to a charge factor	Charge factor	8

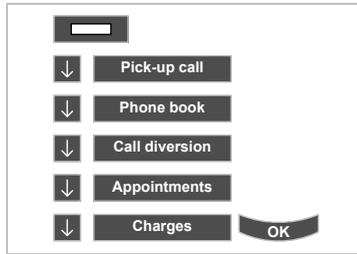
Administrative subscriber

The "administrative subscriber for total printouts" (KZ91/4) can be any telephone set.

Only the administrative subscriber should be permitted to delete charges

Function key for charges

You can access the charges function in the following way



You can access the charges function via the numeric keypad



You can also assign the charges function to a function key:

Set to the desired function key e.g. 7: Message (Classic)	Function key " 7 – Message " is changed to " Charges "
7: Message	
	Select function from the list e.g. Charges
	Function key 7 has been changed from Message to Charges

Data input

Note	<p>1 Administrative subscriber</p> <p>2 Voucher function,</p> <p>3 Authorisation to delete charges the subscriber who may print charges</p>
<p>Administrative subscriber: Any subscriber.</p> <p>Voucher function: the subscriber who is permitted to use the function (charges)</p> <p>Authorisation to delete charges (for administrative subscriber) the subscriber who is permitted to delete charges. Only the administrative subscriber should be permitted to delete charges.</p>	

Charge functions

	 						
	 						
<p> To the desired charge function</p>	<p>Administrative subscriber Voucher function Authorisation to delete charges</p>						
	<p>Prog. 91 S _</p>						
	<p>Prog. 91 S 12 _ _ _ _ _</p>						
	<p>Prog. 91 S 12 2 4 5 _ _ (Notes: 2(2) 1(4) 3(5))</p>						
							
<p> Exit programming</p>							
<table border="1" style="margin: auto;"> <tr> <td style="padding: 5px;">15</td> <td style="padding: 5px;">18.09. 11:48</td> </tr> <tr> <td style="padding: 5px;">Line 1</td> <td style="padding: 5px;">Line 2</td> </tr> <tr> <td style="padding: 5px;">11</td> <td style="padding: 5px;">12</td> </tr> </table>		15	18.09. 11:48	Line 1	Line 2	11	12
15	18.09. 11:48						
Line 1	Line 2						
11	12						

Note	4 Charge record
	5 Charge display in amount
	6 Charge display in units
Charge record Mandatory entry for printing out charge data Charge display in units - for telephone and printer A display or printout can either be in units or as an amount.	

Charge display

<div style="border: 1px solid black; padding: 2px; display: inline-block;"> </div>					
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> ↓ Settings OK </div>					
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> ↓ Function keys OK </div>					
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> ↓ To the desired charge function </div>	Charge record Charge display in units				
	<div style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">OK</div> Prog. 93 _ _ _ _ _				
	<div style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">2 8</div> Prog. 93 2 _ _ _ _ 8 (Notes: 6 (2 , set) (units) 4 (8))				
	or				
	<div style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">8</div> Prog. 93 _ _ _ _ _ 8 (Notes: 4 (8) 5 (2 , not set) (amount))				
	<div style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">OK</div>				
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Esc Esc Esc Exit programming </div>					
<div style="border: 1px solid black; padding: 10px; display: inline-block;"> <div style="display: flex; justify-content: space-between; width: 100%;"> 15 18.09. 11:48 </div> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">Line 1</td> <td style="padding: 2px;">Line 2</td> <td style="padding: 2px;">11</td> <td style="padding: 2px;">12</td> </tr> </table> </div>		Line 1	Line 2	11	12
Line 1	Line 2	11	12		

Note **7** Charge threshold in local currency, charge factor 1..4 in local currency, charge voucher, value of euro in local currency

You can use function 190 (input *190) to switch between local currency<->euros

Charge threshold: BL (local currency), BE (euro)

Display/print out only if value is greater than or equal to this value

Charge factor: xL (local currency), xE (euro)

The 4 factors (1L .. 4L --local currency), (1E .. 4E -- euro) are for evaluating the call amount "to be paid". (meter X factor)

Call voucher:

PL=0 PE=0 display in DM, PL=0 PE=1 display in euros, PL=1 PE=0 display in DM, PL=1 PE=1 display in DM and euros

Value of euro in local currency: unit of conversion

Charge threshold

<input type="text"/> ↓ Settings  ↓ Function keys 							
↓ To the desired charge threshold	Charge threshold: BL (local currency), BE (euro) Charge factor: xL (local currency), xE (euro) Call voucher: PL, PE (display DM/euro)						
	Prog. 95 BL 01.056000 (change and/or )						
	Prog. 95 1L 01.056000 (change and/or )						
	Prog. 95 2L 01.056000 (change and/or )						
	Prog. 95 3L 01.056000 (change and/or )						
	Prog. 95 4L 01.056000 (change and/or )						
	Prog. 95 PL* 0 (change and/or ) (see footnote*)						
	Prog. 95 BE 00.076742 (change and/or )						
	Prog. 95 1E 00.076742 (change and/or )						
	Prog. 95 2E 00.076742 (change and/or )						
	Prog. 95 3E 00.076742 (change and/or )						
	Prog. 95 4E 00.061866 (change and/or )						
	Prog. 95 PE* 0 (change and/or ) (see footnote*)						
	Prog. 95 TX 13.7603 (change and/or )						
   Exit programming							
<table border="1"> <tr> <td>15</td> <td>18.09. 11:48</td> </tr> <tr> <td>Line 1</td> <td>Line 2</td> <td>11</td> <td>12</td> </tr> </table>		15	18.09. 11:48	Line 1	Line 2	11	12
15	18.09. 11:48						
Line 1	Line 2	11	12				

Footnote *

PL = 0 and PE = 0 => printout in local currency
 PL = 0 and PE = 1 => printout in euros
 PL = 1 and PE = 1 => printout in local currency and euro

Note 8 **Assign subscriber to a charge factor**

The subscribers must be assigned to a factor. Instead of 1.06 ATS/unit, the unit can also be calculated at e.g. 3.00 ATS (KZ95 1L-4L or 1E-4E) for the subscriber.

See note 7

Charge factor

↓ Settings	OK							
↓ Function keys	OK							
↓ To the desired charge function		Charge record Charge display in units						
	OK	Prog. 96 S_						
	1 2	Prog. 96 S12 1 _ _ _						
	4	Prog. 96 S12 1 _ _ 4 (factor 4 assigned) (Note: 8 (4))						
	OK	Prog. 96 S_						
<div style="display: flex; justify-content: center; gap: 10px;"> Esc Esc Esc </div> <p style="text-align: center;">Exit programming</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">15</td> <td style="border: 1px solid black; padding: 2px;">18.09. 11:48</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Line 1</td> <td style="border: 1px solid black; padding: 2px;">Line 2</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">11</td> <td style="border: 1px solid black; padding: 2px;">12</td> </tr> </table> </div>			15	18.09. 11:48	Line 1	Line 2	11	12
15	18.09. 11:48							
Line 1	Line 2							
11	12							

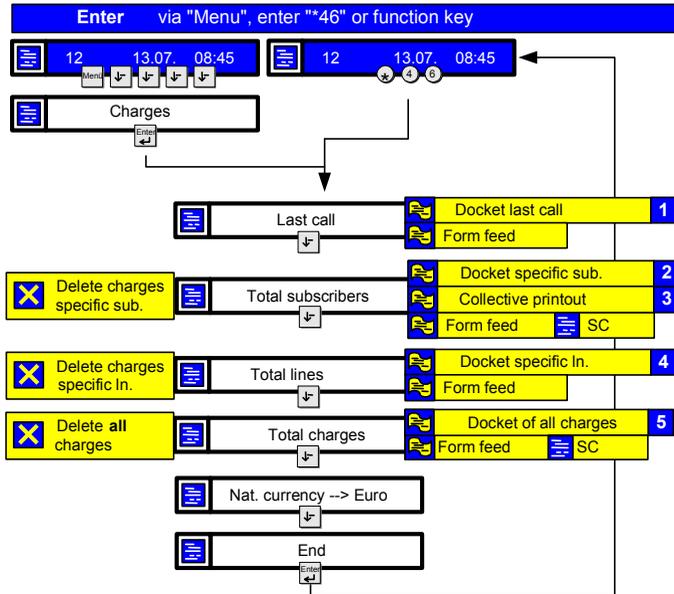
Menu for printer connection feature:

The printer has been configured, the telecommunications system has been configured



If no printer is connected, the menu items relevant to the printer are missing from the menu

Menu for configured printer connection feature



Explanation of used symbols



Delete charges



Display



Printout

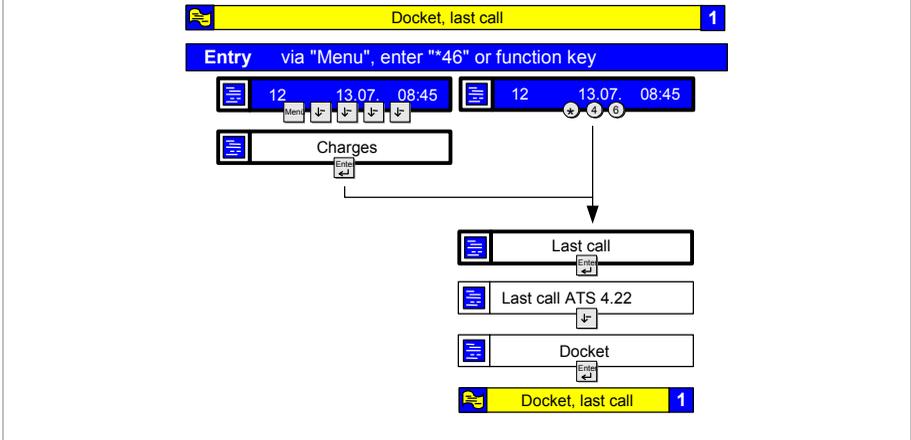


Individual input

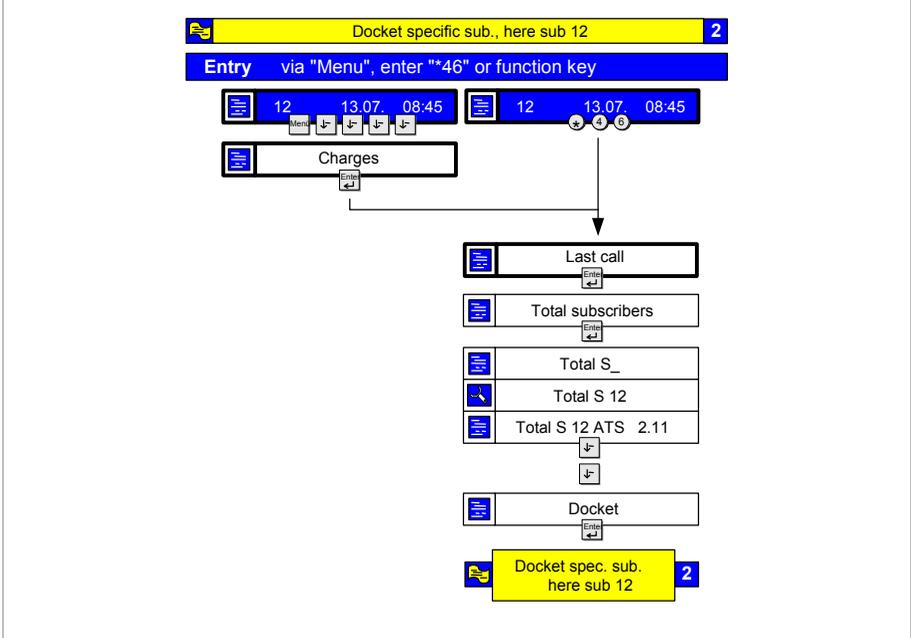
On the following pages, you will see the menu sequence for:

- Voucher, last call
- Voucher, specific subscriber
- Total printout, specific subscriber
- Voucher, specific line
- Voucher, for all charges
- Charge fill, specific subscriber
- Charge fill, total charges
- Deleting charges
- Formfeed
- Display/printout in local currency or euros

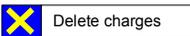
Voucher, last call. For printout example, see **1**



Voucher for specific subs., here subs. 12. For printout example see **2**



Explanation of used symbols



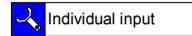
Delete charges



Display

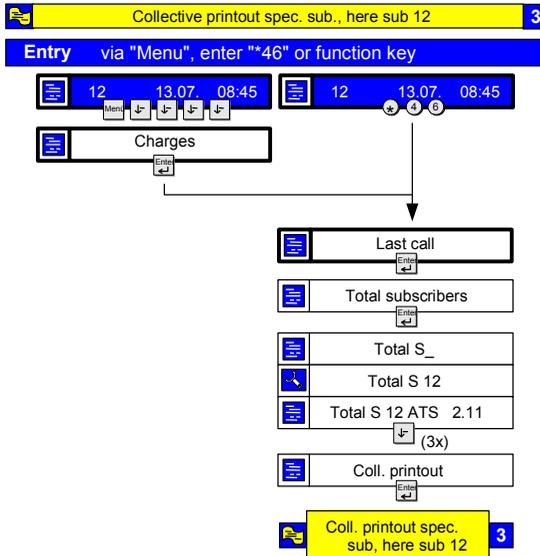


Printout

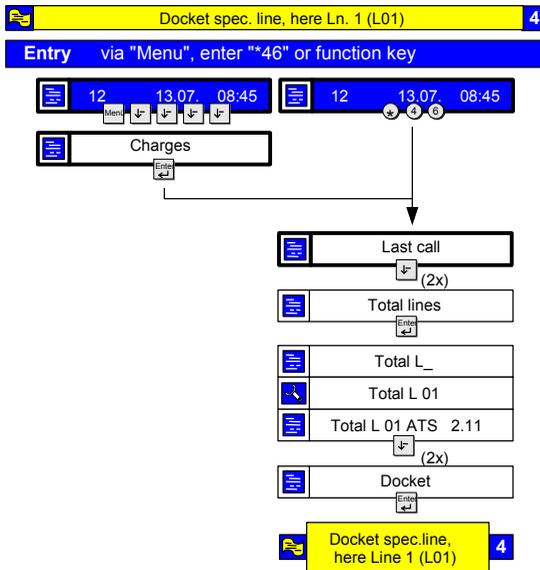


Individual input

Total printout for specific subs., here subs. 12. For printout example see 3



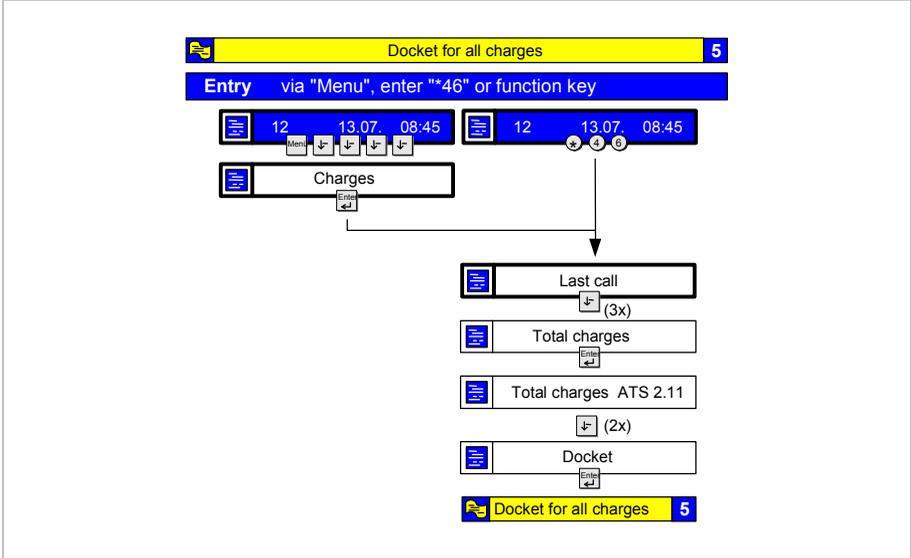
Voucher for specific line, here line 01 (L01). For printout example, see 4



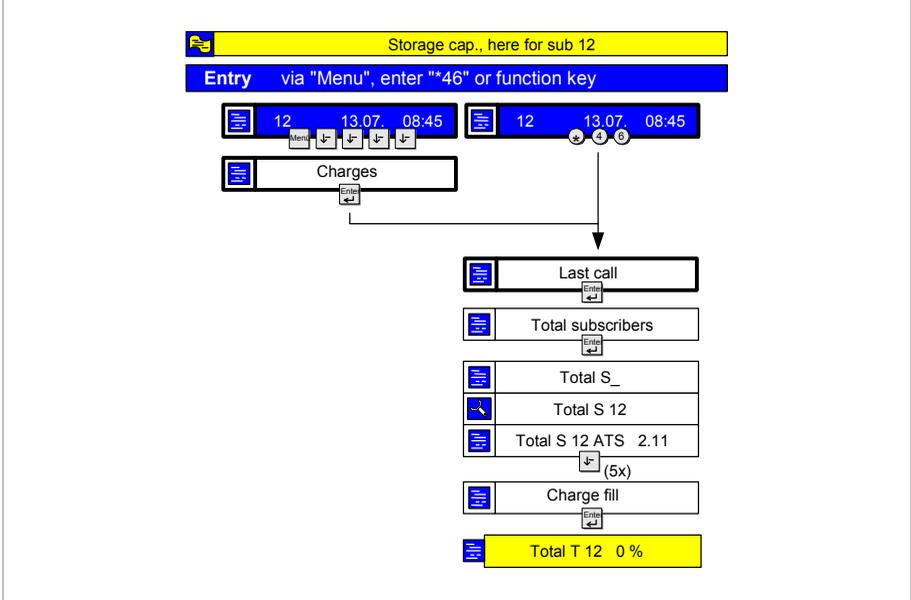
Explanation of used symbols

- Delete charges
- Display
- Printout
- Individual input

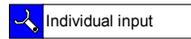
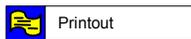
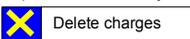
Voucher for all charges. For printout example, see 5



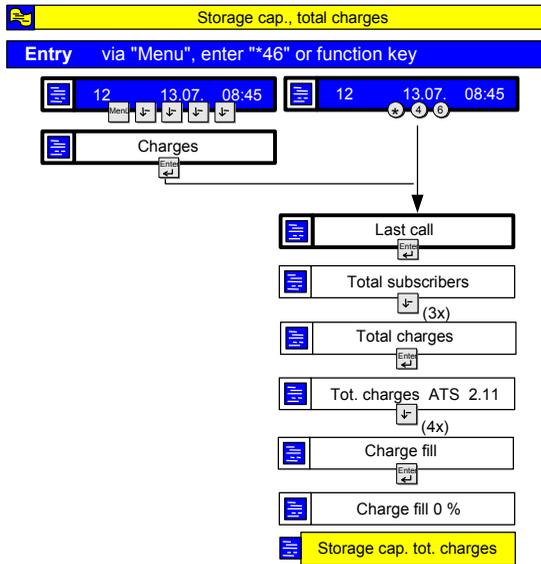
Charge fill for specific subscriber. I.e., what % of charge record memory for the subscriber is already used. (Show display)



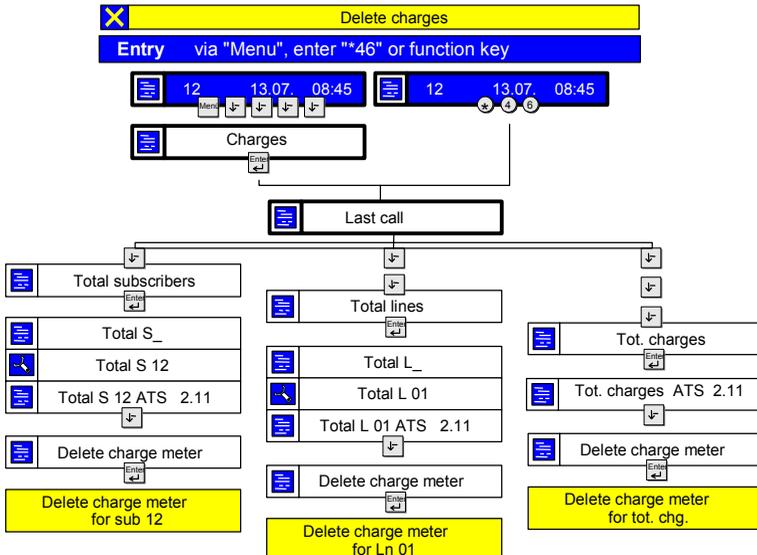
Explanation of used symbols



Charge fill, total charges. I.e., what % of total charge record memory is already used. (Show display)



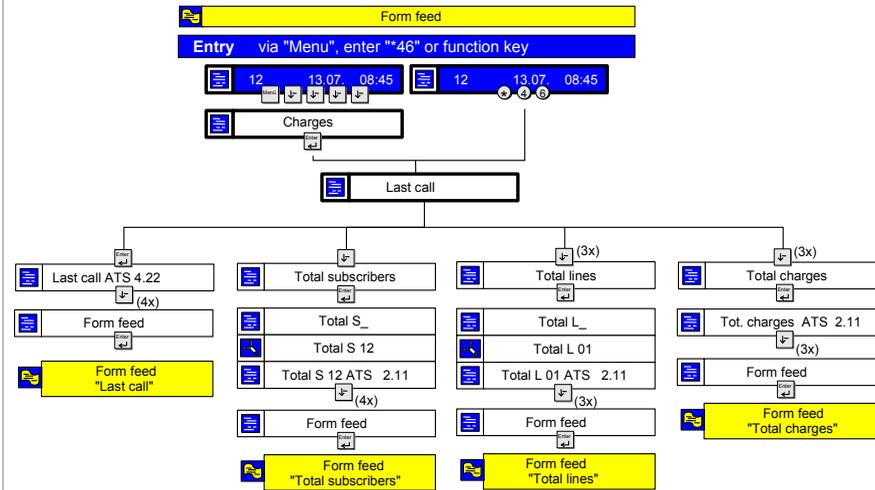
The three options for deleting charges



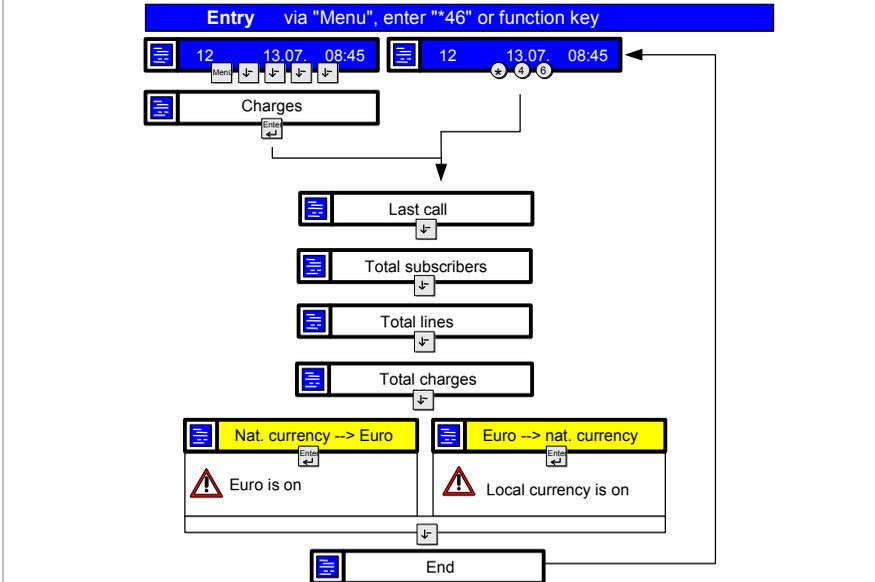
Explanation of used symbols

	Delete charges		Display		Printout		Individual input
--	----------------	--	---------	--	----------	--	------------------

Printer formfeed for every menu path.



Display/printout in local currency or euros



Explanation of used symbols



Delete charges



Display



Printout



Individual input

Printouts

1 Voucher, last call.

CALL REPORT							Date: 06.07.00	
No	Ln	Sub	Call number	Code no.	Start	End	Unit	Amount
028	01	12	789		13:43:22	13:43:31	6	6.34
EUR	01	12	789		13:43:22	13:43:31	6	0.46

2 Voucher for specific subs., here subs. 12.

TOTAL CHARGES			since	06.07.00
Sub	Units	Amount		
12	17	17.95		
12 EUR	17	1.30		
Printed on: 07.07.00			07:51	
Docket number			003	
Bill incl. 20% VAT.				

3 Total printout for specific subs., here subs. 12.

Printed on: 07.07.00	07:52								
Docket no.	004								
COLLECTIVE PRINTOUT	Charge threshold: 01.06 ATS								
COLLECTIVE PRINTOUT	Charge threshold: 00.07 EUR								
Sub	Ln	Call number	Code	Date	Time	Dur.	Unit	Amount	
12	01	123		06.07.	13:42	00:00:05	5	5.28	
EUR								0.38	
12	01	456		06.07.	13:43	00:00:07	6	6.34	
EUR								0.46	
12	01	789		06.07.	13:43	00:00:09	6	6.34	
EUR								0.46	
Sub-total		Units:	17	Amount:	17.95				
EUR				Amount:	1.30				
TOTAL CHARGES since					06.07.00				
Total units:		17	Total amount:	17.95					
EUR			Total amount:	1.30					
Bill incl. 20% VAT.									

4 Voucher for specific line, here line 01 (L01).

TOTAL CHARGES	since	07.07.00
Ln	Units	Amount
01	182	192.19
01 EUR	182	13.97
Printed on: 07.07.00		08:17
Docket no.		008
Bill incl. 20% VAT.		

5 Voucher for all charges.

TOTAL CHARGES	since	07.07.00
Ln	Units	Amount
01	82	86.59
01 EUR	82	6.29
Total	82	86.59
EUR	82	6.29
Sub.	Units	Amount
11	14	14.78
11 EUR	14	1.07
12	17	17.95
12 EUR	17	1.30
13	0	0.00
13 EUR	0	0.00
31	0	0.00
31 EUR	0	0.00
38	0	0.00
38 EUR	0	0.00
	0	0.00
Total	31	32.74
EUR	31	2.38
Printed on: 07.07.00		08:19
Docket no.		009
Bill incl. 20% VAT.		

Paper size

The number of lines for a charge printout can be specified (2-digit figure)

Programming:

The programming sequence is as follows:

- Initial screen with a blank input field.
- Pressing the down arrow leads to a menu with 'Settings' and 'System functions', each with an 'OK' button.
- Pressing the down arrow leads to 'Set to selection'.
- The 'Paper size' option is highlighted in yellow, with the text 'Setting of 45 lines on the charge printout'.
- Pressing 'OK' leads to 'Prog.92 L72'.
- Pressing '4' and '5' leads to 'Prog.92 45'.
- Pressing 'OK' leads to the 'Exit programming' screen.
- The 'Exit programming' screen shows three 'Esc' buttons and a confirmation box containing:

15	18.09. 11:48		
Line 1	Line 2	11	12

Other features

The following describes new or expanded features:

- Call tracing
- Delete call list entry after time
- Serial call

Call tracing

This feature can be used to register undesirable callers in the exchange.

You must apply for this feature with your network provider. It applies to the system connection and the MSN connection.

It does not apply to terminals.

The "call tracing" feature must be set up for you in the system by customer service personnel. You can use it only.

The following table shows you the switching states in which call tracing is possible:

Switching state	Tracing permitted	Tracing not permitted
Call tracing has not been enabled in the exchange		X
Outgoing connection setup		X
Subscriber is on an outgoing external call		X
Subscriber is called externally		X
Subscriber is on an incoming external call	X	
Subscriber hangs up during the external call		X
Caller hangs up during the call (busy tone)	X 1)	
Subscriber hears busy tone, hangs up and waits longer than 30 secs		X
Subscriber is on an internal call		X
Subscriber is called internally		X
Internal caller hangs up during the call		X

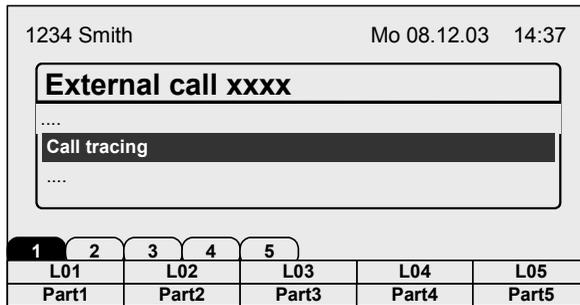
1)

In this switching state, activation by entering the function number is no longer possible on any types of set.

With functional or system sets, the call tracing feature can only now be initiated using the menu or a programmed function key.

Using the "Call tracing" feature (set menu)

Subscriber is on an incoming external call



If "call tracing" is now selected in the display during the call and confirmed with OK, the caller will be "traced".

The procedure ends with a signal tone and the message "caller registered" on the display.

If the exchange cannot identify the call number or the subscriber activates "Call tracing" at an inapplicable time, a fault message will be shown in the display.

Fault messages can include:

Service not enabled (sometimes error code)

Service not possible

Using the "Call tracing" feature (function number *197)

You have the option of allocating the function number *197 to any programmable key. If you want to trace the caller, as in the above example, press the function key you have selected during the call.

How to set the function key is described in the chapter "Function keys".

Delete call list entry after time

This feature for individual subscribers can be used from the menu-controlled system telephones T3 Comfort, T3 Classic and T3 Compact, via the **"Applications"** menu

The entry of a call in the call list is deleted after a preset time has elapsed (10 minutes, 1 hour, 1 day, 1 week or 1 month).

There is no difference here between call list entries for internal and external calls.

Deletion of an entry by callback is retained, as is the option of deleting all or individual entries manually.

The entries in the call list are backed up, but not the current remaining time until deletion for the entries.

Assuming data is saved daily, the remaining time until deletion for the entries will be extended by a maximum of one day in the event of power failure or system reset, depending on settings. The remaining times until deletion for the various entries in the call list will also be backed up in the course of a full backup.

Programming the times

<div style="border: 1px solid black; padding: 2px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> ↓ Settings OK </div> <div style="display: flex; justify-content: space-between; align-items: center;"> ↓ Applications OK </div> </div>		
↓ Set to selection	Def.	The "OK" key is used for switching on and off
Internal call list	Off	Off = No list entry for internal subscribers
Call list	Off	No automatic deletion; entries remain until deleted manually
... delete after:	1T	<p>-- how long does the entry stay in the list --</p> Off (after software update) 10min (10 minutes) 1h (1 hour) 1T (1 day) 1W (1 week) 1M (1 month) Default after cold start
...		You can change the time entries with
<div style="display: flex; justify-content: center; gap: 10px;"> Esc Esc Esc </div> Exit programming		

With automatic deletion activated, an option for **"Do not delete auto"** is presented for deactivating the automatic deletion of particular entries.

<div style="border: 1px solid black; padding: 5px;"> <p>Call list Entries, 1</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> i-Klaus Mo 08.12.03 11:55 Delete all entries </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> 12345 </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> LD1LD2LD3LD4LD5 </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> Part1Part2Part3Part4Part5 </div> <p style="font-size: small;">The entry "i-Klaus" is selected</p> </div>	<div style="border: 1px solid black; padding: 5px;"> <p>Call list Entries, 1</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> i-Klaus Mo 08.12.03 11:55 Delete Do not delete auto. Phone book entry </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> 12345 </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> LD1LD2LD3LD4LD5 </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> Part1Part2Part3Part4Part5 </div> <p style="font-size: small;">The option "Do not delete auto" is selected</p> </div>	<div style="border: 1px solid black; padding: 5px;"> <p>Call list</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> i-Klaus Mo 08.12.03 11:55 </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> 12345 </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> LD1LD2LD3LD4LD5 </div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 5px;"> Part1Part2Part3Part4Part5 </div> <p style="font-size: small;">The entry "i-Klaus" is not deleted automatically</p> </div>
--	--	---

Serial call

With the "Serial call" feature, an external caller who wants to speak to several subscribers can be transferred to them one after the other.

After each conversation, the external caller is automatically returned to the "operator position" (here Subscriber A with activated "Serial call") following a delay (3 secs). The serial call is ended by the external caller terminating the connection, or by deactivation of the serial call function before the final transfer.

The feature can be used on all menu-controlled T3 terminals.

Examples

Subscriber A, with "Serial call" activated, is on a call with a public exchange subscriber and then transfers the public subscriber to Subscriber B:	
⇒	If Subscriber B hangs up during the conversation, there will be a callback from the public subscriber to Subscriber A.
or	
⇒	Subscriber B transfers the call with the public subscriber to Subscriber C and hangs up. Subscriber C now speaks with the public subscriber and hangs up.
There is now a callback from the public subscriber to Subscriber A	
or	
⇒	Subscriber B speaks with the public subscriber, then puts the line into refer-back and hangs up
Public subscriber calls Subscriber B again (recall)	
or	
⇒	Subscriber B transfers the public subscriber to Subscriber C. Subscriber C does not accept the call
The public subscriber calls Subscriber B again	

Switching serial call on/off (using the telephone menu)

↓ Set to selection	Def. The "OK" key is used for switching on and off
Serial call	On Serial call is active
	Serial call on/off with

Switching serial call on/off (using function numbers)

The "Serial call" feature can also be activated/deactivated using function numbers.

Activate by dialling ***92**

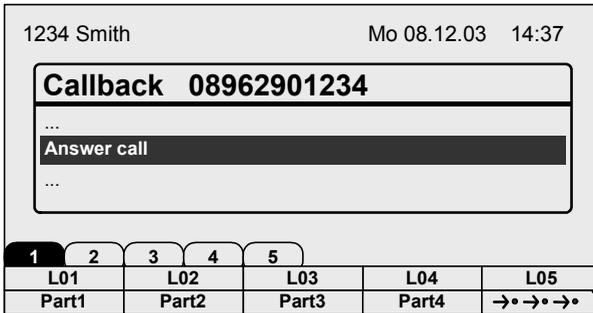
Deactivate by dialling **#92**

These function numbers can naturally be reallocated to function keys.
(See chapter "Function keys")

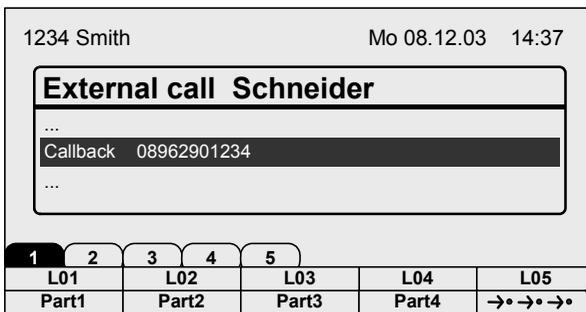
If the feature has been activated, the corresponding softkey  is shown in reverse video or the LED on the function key is switched on.

The automatic recall to the "operator position" (Subscriber A in the example) is signalled on the display as a recall, with an internal ringing tone.

Display when idle



Display during the call

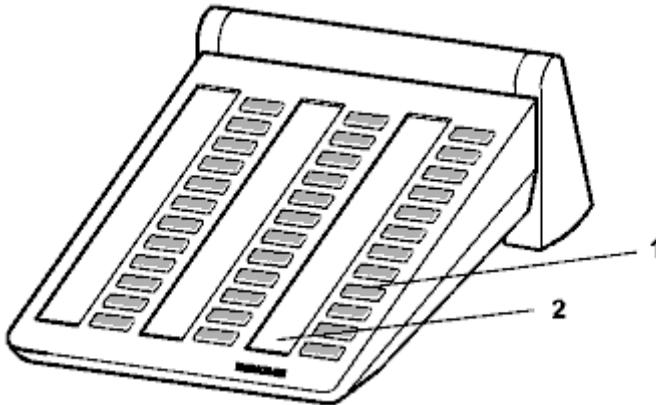


Add-on equipment

DSS module

A DSS module has 36 keys that can be assigned by Avaya Service according to your wishes. (DSS = **D**irect **S**tation **S**elect). You have the following options:

- Call numbers of your partners
- Individual destinations (call numbers that are often required)
- Line keys
- Functions, e.g. door opener, call diversion, hotel functions, etc.



1: Keys with LEDs
2: Insert strips for labelling

Note

You can connect up to 3 DSS modules to the DSS link or CTI/Audio link. The DSS module II can be connected to T3 telephones with software $\geq 2.xx$. It operates without link and – as from software version 3.1 – it can be connected to the T3 telephone (via pre-assembled cable: Western plug 8-pin - D-Sub plug 25-pin).

With the DSS module select



lift.

Press DSS key for the desired user.

The LED displays whether the connection is free or busy.

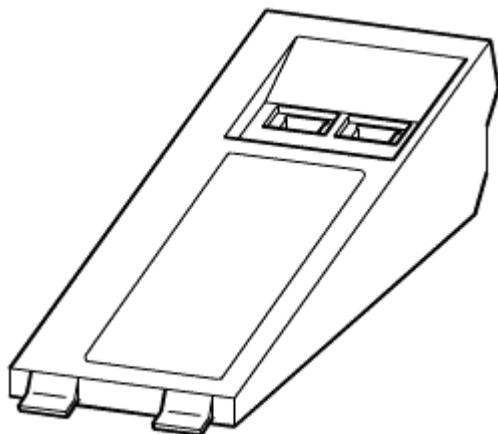
Connection	LED
free	off
Call	flashes slowly
External call	flashes rapidly
busy	on

Note

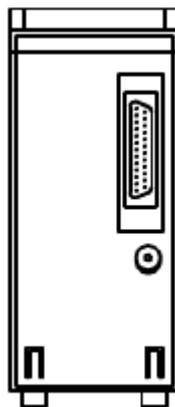
Instead of picking up the handset first, you can also first press the DSS key for the desired user and then lift the handset (dialling with handset on hook).

Links

One special advantage your telephone has is its flexible link concept that offers you the option of adding various links to the basic equipment of your telephone. Links are inserts for T3 telephones. You can connect two links simultaneously to the Integral T3 Classic. The T3 IP Classic has only one slot for links.



View of a link
(Some links are equipped only with a *single* Western socket)



Bottom view

Note

- The configuration of the links for the various supply units is done by service.
- Information on installing links can be found in the respective operating instructions.

Links for ISDN telephones

CTI link	<i>V.24 interface</i> : for connecting the Avaya-Com4Tel or a PC.
CTI/audio link	<i>V.24 interface</i> : for connecting the <i>X/Y interface</i> of the Avaya-Com4Tel or PC: for connecting DSS modules and, in addition, a headset, the KonfTel, a second headset or a logger.
DSS link	<i>Y-interface</i> : for connecting DSS modules <i>second interface</i> : for external loudspeaker
Headset link	<i>Application interface</i> : for headsets.
S₀ link	<i>S₀ interface</i> : for connecting a DSS1-ISDN main connection telephone or a PC with S ₀ card <i>Power supply unit interface</i> : for an external power supply unit
Analogue link	<i>a/b interface</i> : for connecting analogue telephones, FAX, etc. <i>Power supply unit interface</i> : for an external power supply unit

Links for IP telephones

AEI/headset link	<i>AEI interface</i> : for connecting DSS modules and, in addition, a headset, the KonfTel, a second headset or a logger. <i>Application interface</i> : for headsets.
Headset link	<i>Application interface</i> : for headsets

Headset

You can connect a headset to a headset link, AEI/headset link or CTI/audio link. Before you can use the headset for making calls, it must be set up at the telephone.

Note

- The links only support those links correctly that were released by Avaya.
- You can only connect a wireless Comfort headset to an AEI/headset link or CTI/audio link.
- You can use a Comfort headset immediately as soon as you have connected it.
- **Caution: Prevent hearing damage!**
If you use a headset (headphone) on a continuous basis, loud signals can cause hearing damage. So always reduce the volume of loud calls to a pleasant value (using the "-" key)!

Receiving a call

 Press the "Handsfree/monitoring" function key.

You make a call to the call partner using the headset. The LED next to the function key flashes.

Information

- With a Comfort headset, you can also accept a call using the appropriate key on the headset. When accepting calls on the telephone, brief connection delays are possible.
- With a Comfort headset, you also hear the rings in the headset headphone.

Continuing a headset call with handset



Pick up handset and make the call using the handset.

Continuing a handset call with headset

 Press the "Handsfree/monitoring" function key **twice**.

You make a call to the call partner using the headset. The LED next to the function key flashes.

Finishing a headset call and clearing the connection

 Press the "Handsfree/monitoring" function key again.



If required, replace the handset.

Headset – Making a call



enter the desired call number on your telephone.

 Press the "Handsfree/monitoring" function key

The LED next to the function key starts to flash. As soon as your call partner answers, you can talk to him/her using the headset.

Information

- If the call number that you wish to dial is in one of the lists (call list, phone book), then you can select the number there and then press the "Handsfree/monitoring" function key.

With a Comfort headset, you can also make a call using the appropriate key on the headset.

Headset – Setting Handsfree/monitoring at the telephone

While you are making a call with the headset, you can switch on the monitoring function at the telephone or switch the phone to handsfree function.

Switching on monitoring

 scroll to the menu item **Monitoring on** .

 Confirm selection.

You can now hear your call partner over the housing loudspeaker.

... **switch off**

 scroll to the menu item **Monitoring off** .

 Confirm selection.

Switching on handsfree

 scroll to the menu item **Handsfree** .

 Confirm selection.

You can now hear your call partner over the housing loudspeaker and you can talk to him/her using the housing microphone. The headset is switched off.

... **switch off**

 Press "Handsfree/monitoring" function key

You are now making the call using the headset again.

T3 Classic and Comfort devices as IP phones at I5 with R2.2 package

Menu for setting up a user

In addition to the functions provided in series in the devices, the listed features can also be set up and then called up at the device.

Device specification		
Call waiting / cutting in		
Authorisations		
DSS modules		
Function keys	These features can be assigned to the device's function keys: They are listed below:	
Call charges		
Group assignment		
Hotel features		
ISDN features		
Least cost routing		
Performance features		
Line bundles		
Links		
Emergency call		
Reset functions		
Call signalling		
Software lock		
Special call		
Barring unit		
Status		

Function list		
	Line 01	
	...	
	Line 13	
	User 514	
	
	Connection-oriented features	
		Answer Second call External
		Display for traffic statistics
		Automatic line callback
		Automatic callback
		External connection to MSN 1
		External connection to MSN 2
		External connection to MSN 3
		External connection to MSN 4
		Trap call
		Picking up calls
		Serial call
		Keypad
		Conference
		DTMF dialling A
		DTMF dialling B
		DTMF dialling C
		DTMF dialling D
		Emergency call
		Call forwarding
		Temporary dial changeover to DTMF (for external connection)
		Transfer

Function list		
	Telephone features	
		Call list
		Reply after general or group announcements
		Automatic night service
		Announcement (general / individual)
		Announcement to assigned user
		Own number suppressed
		Self-assignment
		Delete self-assignment for other users
		Delete self-assignment of assigned user
		Charge
		Charge docket
		Picking up from an assigned user
		Withdrawal from general call
		Serial call
		Customer number
		Night service 1
		Night service 2
		Night service 3
		Call diversion for others
		Call diversion to
		Call diversion to assigned user
		Do not disturb hunt group
		Do not disturb
		Form feed for charges printer
		Day service
		Phone book
		Tone ringing off
		Switch charge display currency to Euros
	Local features	
		Message
		Programming
		Software lock
		Special key, non-locking (without display)
		Special key, locking (with display F1)
		Appointment
		Appointment for assigned user
		Appointment entry for other users
		TIM
		Door opener 1 at door station 1 in the telephone system
		Door opener 1 of a door station during call / connection
		Door opener 2 at door station 1 in the telephone system
		Door opener 2 of a door station during call / connection
	Bundle functions	
		Line from bundle 1
	
	Group functions	
		Group announcement 1,
		Internal call group 1,
		Pickup group 1,

IP specific settings – Sending PING

As a rule, the IP specific settings are made by Avaya service or your telecommunications system manager. An overview of possible settings and procedures in the case of faults is listed below.

 Press the "Menu" function key.

 Confirm selection.

 Scroll to the menu item **Sending PING** .

 Confirm selection.

 Scroll to the network component for which you would like to test availability, e.g. **Def.Gat.**

 Confirm selection. A message window will then inform you whether the network component was reached or not.

Note

Under **IP ID** you can enter an IP address for which you would like to test the availability.

For your notes



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