



HiPath 2000
HiPath 3000

optiPoint WL 2 professional

Operating Manual

SIEMENS

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Before You Begin

This operating manual describes the handset optiPoint WL 2 professional at your communication platforms HiPath 2000 and HiPath 3000.

It describes all functions you can operate with your handset. You may find that some of the functions you wish to use are not available on your handset. This may be due to one of the following reasons:

- The function has not been configured for your handset – please contact your service personnel.
- Your communication platform does not support this function – please contact your service personnel for an upgrade.

The information provided in this document contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products.

An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

All trademarks are the property of Siemens AG or their respective owners.

 Not all of the functions described in this operating manual are available in all countries.

Safety Precautions

 Please read the operating manual and safety precautions carefully before use. Explain the content and the hazards associated with using the handset to your children.



Only use the power supply provided as indicated on the underside of the charging unit.



Only use recommended rechargeable batteries. Never use other battery types or non-rechargeable batteries as this can cause serious damage to your health and property.



Insert the rechargeable battery making sure the poles are facing in the correct directions and use the battery as described in the operating manual.



The handset can interfere with medical equipment. Please refer to the technical specifications applicable to the relevant environment (medical practice, for instance).



The handset can cause unpleasant humming in hearing aids.



Do not install the charging unit in bathrooms or shower rooms. The handset and charging unit are not splash-protected.



Do not operate your handset in environments where there is risk of explosion (paintshops, for instance).



Remember to include all relevant documentation when passing on your handset to third parties.



Never open your handset. In the event of problems, consult your service personnel.



Use only original Siemens accessories. The use of other accessories is dangerous and will invalidate the warranty and the CE mark.

Care Instructions

- Always use a damp or antistatic cloth to clean the handset. Never use a dry cloth.
- If the handset is heavily soiled, clean it with a diluted surfactant-based neutral cleaner, such as, dishwashing detergent. Afterwards remove all traces of the cleaner with a damp cloth (using water only).
- Do not use alcohol-based or corrosive cleaners or abrasive powders.
- Never allow the handset to come into contact with staining or aggressive liquids, such as, coffee, tea, juice, or soft drinks.

Marks



The device conforms to the EU directive 1999/5/EC as attested by the CE mark.



This device has been manufactured in accordance with a certified environmental management system (ISO 14001). This process ensures that energy consumption and the use of primary raw materials are kept to a minimum, thus reducing waste production.



All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

The correct disposal and separate collection of your old appliance will help prevent potential negative consequences for the environment and human health. It is a precondition for reuse and recycling of used electrical and electronic equipment.

For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service, the shop where you purchased the product or your sales representative.

The statements quoted above are only fully valid for equipment which is installed and sold in the countries of the European Union and is covered by the directive 2002/96/EC. Countries outside the European Union may have other regulations regarding the disposal of electrical and electronic equipment.

Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 0 in from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

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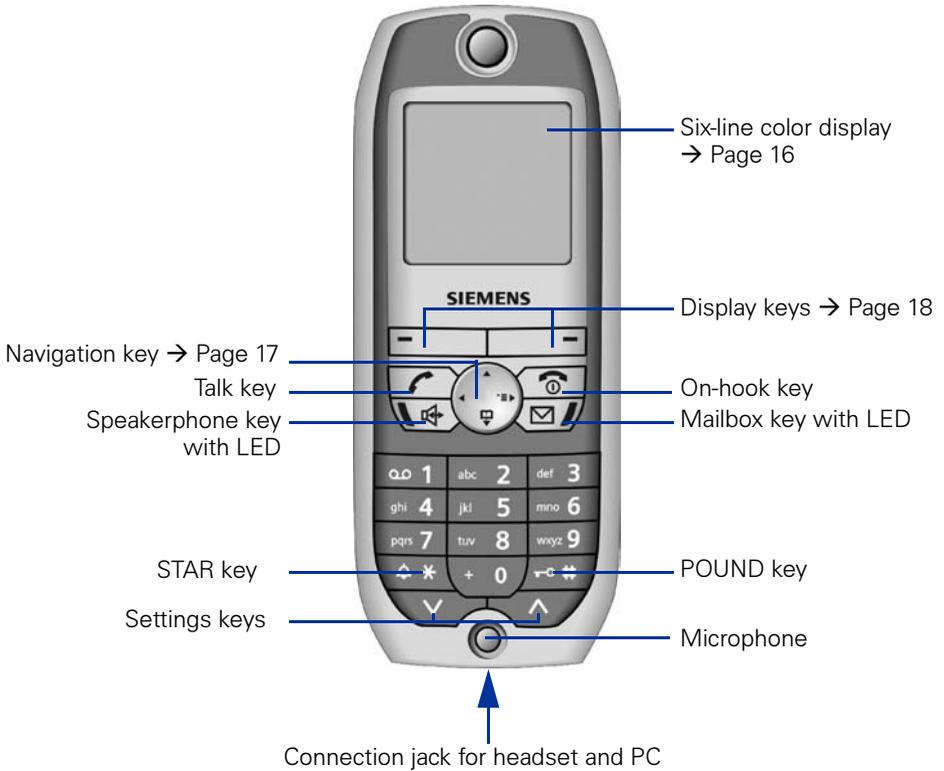
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Basic Operating Instructions

Overview of optiPoint WL 2 professional



Rear



Step by Step

How to Use this Operating Manual

Operating steps are depicted in their logical sequence in the colored column. Below is an explanation of the icons used:



The handset is ringing.



You are conducting a call.



Enter digits or letters via the keypad.



Current display key function.

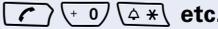
Press the display key directly below (or) to activate the function.



Press the navigation key left or right.



Press the navigation key up or down.



etc.

Press the key shown on the handset.



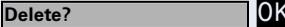
You hear an alerting tone or a melody.



FCN entry with sample label.



Entry from the local main menu.



An option from the System menu is displayed. Confirm by pressing the display key .



Browse the System menu for an option.

Do this by pressing the navigation key until the option appears on the display.

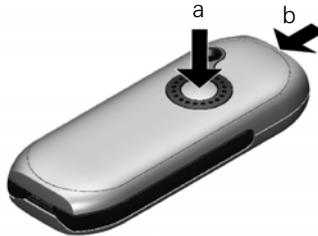
Then confirm it by pressing the display key .

Getting Started

Inserting the Battery

 Only use rechargeable batteries recommended by Siemens → Page 142. Never use conventional (non-rechargeable) batteries or other battery types as this can cause serious damage to your health and property. For instance, it could damage the battery cladding or cause the battery to explode. It could also damage your handset and interfere with how your it works.

1. Hold your handset face down in the palm of your hand.
2. With the other hand, place your thumb on the loudspeaker on the back of the device (a) and use your index finger to grip the recess provided at the top of the handset (b).



3. Lift the cover.
4. Insert the battery correctly and lock it in place.



5. Hold the battery cover at a slight angle and insert the two projections provided on the lower side into the battery compartment. Then close the cover until it snaps shut.



Placing the Handset in the Charging Unit and Charging the Battery

1. Connect the charging unit's power supply to the power outlet.
2. Place the handset in the charging unit with the display facing towards you.

You can perform manual logon for the handset if "No Access" or "No Server" appears on the display → Page 130.

Leave the handset in the charging unit to charge the batteries.



Battery charging is indicated on the upper right of the display by the battery icon's change level indicator. The battery icon shows the battery charging status during operation → Page 16.

Initial battery charging and discharging

Accurate charging status display can only be guaranteed if the battery is first fully charged and then discharged.

Do this by leaving the handset in the charging unit for five straight hours. Then, remove the handset from the charging unit and do not put it back in until the battery is fully discharged.

Once the battery has been initially charged and discharged, you can return your handset to the charging unit after every call.



- You must repeat this procedure every time you remove and replace your handset battery.
- The battery can warm up during charging. This is not dangerous.
- For technical reasons, the battery's charging capacity decreases over time.

Your handset is now ready for use!

Activating/Deactivating the Handset

Activating



Hold down the on-hook key.



Enter your PIN (if set → Page 125).



Your handset will block after three failed attempts to enter the PIN and can only be unlocked by your service personnel.

The handset is now idle → Page 20.

Deactivating



Hold down the on-hook key.

Activating/Deactivating the Keypad Lock

Activating



Hold down the POUND key.



This icon appears on the display and you hear the confirmation tone.



You cannot make emergency calls if the keypad lock is active.

Deactivating

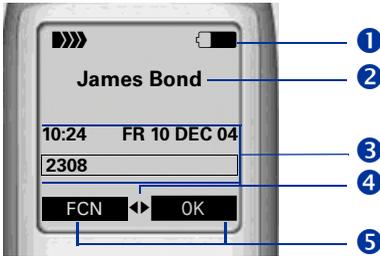


Hold down the POUND key once more.

The keypad lock automatically deactivates when you receive an incoming call. It reactivates when the call is finished.

Display

optiPoint WL 2 professional features a six-line illuminated color display. You can choose from four different color settings. A special feature of the default setting → Page 119 is that it uses different colors to visualize the different handset states → Page 20.



Display Icons

❶ Icons for important settings and handset states:

-  Reception strength (high to no reception)
→ Page 130
-  Audio signals deactivated → Page 126
-  Keypad lock activated → Page 15
-  Battery charging status (full to empty) → Page 14
-  Wake-up call activated → Page 79
-  A call is ongoing → Page 27
-  A call is ongoing in speakerphone mode
→ Page 28

❷ Name of the handset → Page 127

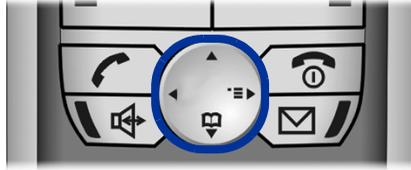
❸ System menu: The first line contains prompts or confirmation messages from the System menu, depending on the situation. This is followed by a list of functions. Text is displayed as a ticker if an entry is too long.

❹ More options are available → Page 18

❺ Display the display key functions → Page 18

Keyboard

Navigation Key



Navigation key functions

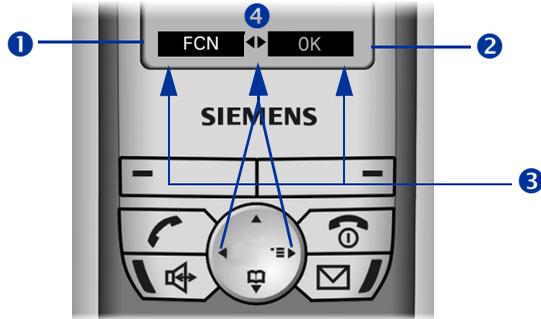
The side of the navigation key (up, down, right, left) to be pressed is marked black.

Key	Mode	Function
	Idle state	Open the main menu → Page 20
	Lists ^[1] /menus	Scroll up
	Text entry	Move the cursor up
	Idle state	Press quickly: Open the directory → Page 113 Hold down: Start voice dialing → Page 53
	Lists ^[1] /menus	Scroll down
	Text entry	Move the cursor down
	Idle state	Open the System menu → Page 20
	System menu	Scroll through functions → Page 20
	Lists ^[1] /menus	Confirm the selected entry
	Text entry	Move the cursor right
	Lists ^[1] /menus	Jump back to the previous layer or cancel
	System menu	Scroll through functions → Page 20
	Text entry	Move the cursor left

[1] Call lists, such as the directory list

Display Keys

Display key functions change depending on the current operating situation.



- 1 Function of the left display key (for example, open FCN list → Page 71)
- 2 Function of the right display key (for example, open the System menu → Page 20)
- 3 Display keys
- 4 More functions are available in the System menu

Symbols for display keys

Important display keys are:

-  Return to the previous menu or cancel the current operation.
-  Open the main menu or a status-specific menu.
-  Delete button: Delete an entry character by character from right to left.

Additional Key Functions

Key	Mode	Function
	Call state	Accept a call → Page 27
	Lists ^[1]	Start dialing the selected entry
	Idle state	Press quickly: Open the redial list Hold down: Start dialing
	Handset deactivated	Hold down: Activate the handset
	Call state	End the call
	General (apart from in system state)	Press quickly: One layer back Hold down: Return to idle state
	Lists ^[1]	Close the list
	Idle state	Hold down: Deactivate the handset
	Call state	Accept a call in speakerphone mode
	Lists ^[1]	Start dialing the selected entry
	Idle state	Hold down: Start dialing
	LED lit	Start polling voice messages
	Idle state	Hold down: Deactivate audio signals
	Text entry	Press quickly: Toggle case
	Idle state	Hold down: Activate/deactivate the keypad lock
	Idle state	Settings in the System menu → Page 39
	Call state	Adjust the volume (lower)
	Idle state	Settings in the System menu → Page 39
	Call state	Adjust the volume (higher)

[1] Call lists, such as the directory list

[2] These keys have an additional LED display → Page 21

Audio and Visual Signaling

Handset States

Your optiPoint WL 2 professional has a number of different states.

Idle state

The handset is in the charging unit and ready for use.



System menu (this content is dictated by your communication system)

Call state

State when making calls and during a call. You can access the System menu (☎) and the FCN list.



System menu

Main menu



Press the navigation key up in idle state. All settings are stored locally and only apply to your handset.



Illumination

The display and key illumination switches on automatically

- when you receive an incoming call
- when you press a key

The display illumination fades after about 15 seconds. If your handset is not in use, the illumination deactivates after 45 seconds.

Keys/entries with LED display

Key	Mode	Function
Speakerphone key	 flashing	Incoming call
	 lit	Speakerphone mode is active
Mailbox key	 flashing	Voice message received
	 lit	New messages received
FCN entry	○ dark	Function is deactivated
	● lit	Function is activated
	 flashing	Function is active

Advisory Tones

The following events are signaled acoustically:

- "Save" was successful
- Error message
- End of menu/list
- Key tones
- Battery is almost empty
- Poor reception strength

You can deactivate audio signaling → Page 126 and import your own melodies → Page 134.

Step by Step

FCN Function

An entry in the FCN list is comparable with a function key on an optiPoint phone. In other words, you can save specific functions from the System menu to the FCN list and activate them as required. The function key LED on the optiPoint phone is replaced in optiPoint WL 2 professional by an animated icon → Page 21.

You can replace the default labels for redial and DSS entries with your own texts.

Preprogrammed FCN Entries

Slots 1 - 5 in the FCN list are preprogrammed with the following functions:

Program/Service

Program/Service (permanent entry).

REDIAL

Saved number redial from the system (permanent entry).

Mailbox

Mailbox (editable entry).

Microphone

Microphone (editable entry).

Loudspeaker

Speaker (permanent entry).

In the case of "Mailbox" and "Microphone" entries as well as redial and DSS entries, you can change the default label and replace it with an individual text.

Saving FCN Entries

You can program slots 3, 4 and 6 to 12 with functions or station numbers:

- For information on saving a station number as an FCN entry → Page 37
- For information on saving a function as an FCN entry → Page 71

Step by Step

Changing Labels

You can also choose to change a label when configuring an FCN entry → Page 71.

Changing the label on an existing FCN entry:

FCN

Program/Service **OK**

Bob Dylan **OK**

Key label? **OK**

US: Change? **OK**

UK: Change entry? **OK**

+ 0 ... wxy: 9 △ * ↵ #

Press the display key.

Confirm.

Select and confirm the FCN entry you want.

Select and confirm.

Confirm to enter a text of your choice.

Enter text via the keypad → Page 24 (up to 12 characters allowed).

or

Default Label? **OK**

US: Save? **OK**

UK: Save entry? **OK**

or

Previous? **OK**

US: Exit? **OK**

UK: End? **OK**

Select and confirm to reset the default label.

Confirm to apply changes.

Select and confirm to discard the changes made.

Confirm.

Text Entry

The following rules apply when entering text:

- Characters are inserted to the left of the cursor.
- In an entry field, use the navigation key to move the cursor up , down , right  or left .

Each key is assigned letters and characters → Page 24. These appear on the last display line as soon as you press a button.

Character Overview

Key	1x	2x	3x	4x	5x
 1	1				
 2	a	b	c	2	
 3	d	e	f	3	
 4	g	h	l	4	
 5	j	k	l	5	
 6	m	n	o	6	
 7	p	q	r	s	7
 8	t	u	v	8	
 9	w	x	y	z	9
 0	[1]	.	-	0	
 *	[2]				
 #	[3]				

- [1] Space
- [2] Toggle to uppercase
- [3] Delete character

Additional character set

An extended (country-specific) character set is available for entries in the local directory.

Example:

"R" = Press the  key once and the  key three times.

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x	12x	13x	14x	15x
 1	[1]	1	€	£	\$	¥	α								
 2	a	b	c	2	ä	á	à	â	ã	ç					
 3	d	e	f	3	ë	é	è	ê							
 4	g	h	l	4	ï	í	ì	î							
 5	j	k	l	5											
 6	m	n	o	6	ö	ñ	ó	ò	ô	õ					
 7	p	q	r	s	7	ß									
 8	t	u	v	8	ü	ú	ù	û							
 9	w	x	y	z	9	ÿ	ý	æ	ø	å					
 0	.	,	?	!	0	+	-	:	¿	¡	/	"	'	;	_
 *	[2]	[3]	*												
 #	#	@	\	&	§										

- [1] Space
- [2] Next letter uppercase (active for up to one second)
- [3] Toggle to digit input

Step by Step

Accessing Functions

... interactively

You can select some functions **while the telephone is idle**, for example:



Select with the navigation key  and confirm with the display key .



You can select other functions **directly when conducting a call, depending on the situation**.

You call a number, but the line is busy:

Confirm by pressing the display key .



Select with the navigation key , confirm with the display key , and dial another station number.

... via the Program/Service Menu

FCN

Confirm by pressing the display key .

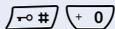


Confirm by pressing the display key .



Select with the navigation key  and confirm with the display key .

or



enter the code directly.

... via the Main Menu



Press the navigation key up to open the main menu.



Enter a code (overview → Page 153)

or



Select with the navigation key  and activate with the navigation key  or the display key .

... via the FCN List

FCN

If you saved a function in the FCN list, you can access it directly as follows.

Confirm by pressing the display key .



Select the function with the navigation key  and activate it with the navigation key  or the display key .

Which Functions Are Available?

Functions in the Main Menu

optiPoint WL 2 professional has a local main menu where you can make personal settings and update a directory.

Basic and Enhanced Functions in the System Menu

You can use all basic and enhanced communication platform functions that appear interactively on the screen and in the Program/Service menu.

How Can I Use My Handset Effectively?

- No doubt there are some functions that you use more than others. You should save these functions in the FCN list so that you can activate them with greater ease and speed (for information on storing a function in the FCN list → Page 71).
- All too often you reach a busy line when dialing a number. Amid the confusion of your working day, it's easy to forget to try the number again later on. To avoid this, make it a habit to use the "Callback" function → Page 36.

Step by Step

Making Calls – Basic Functions

Accepting a Call

Special default ring signaling is set for your telephone:

- When you receive an internal call, your telephone rings once every four seconds (single-tone sequence).
- When you receive an external call, your telephone rings twice in rapid succession every four seconds (dual-tone sequence).
- When you receive a call from the entrance telephone, your telephone rings three times in rapid succession every four seconds (triple-tone sequence).
- If a call is waiting, you hear a short tone (beep) every six seconds.

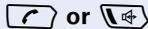
An incoming call is signaled in four different ways on the handset:

- the handset rings and/or vibrates
- the handset lights up
- a display appears on the screen
- the speakerphone key LED flashes



Your service personnel can adjust the ring cadence for external and internal calls for you. In other words, different ring cadences can be set for different internal callers.

You can accept the call in one of the following ways:



or



Press the talk key or the speakerphone key.

or

Remove the handset from the charging unit ("Auto Answer" must be activated → Page 124).

Ending a Call



Press the on-hook key.

Dialing/Making Calls



Internal: Enter the station number.

External: Enter the external code and station number.

Step by Step



Press the talk key.

or



Hold down the talk key.



Internal: Enter the station number.

External: Enter the external code and station number.

Speakerphone Mode

If you choose to let someone else listen in on your call, make sure you inform the other party first.

Activating/Deactivating Speakerphone Mode

Activation when dialing



Enter a station number

and



Press the speakerphone key.

Activation during a call



Press the speakerphone key.

Deactivation during a call



Press the speakerphone key.

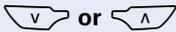


The icon  appears on the first display line when speakerphone mode is active.



If you want to place the handset in the charging unit during a call, you must hold down the speakerphone key when inserting the handset.

Changing the volume while speakerphone mode is active

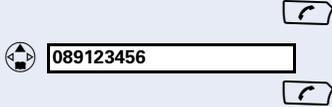


Raise or lower the volume. Keep pressing the keys until you are happy with the volume.



Press the display key.

Step by Step



Saved Number Redial

Local Redial List

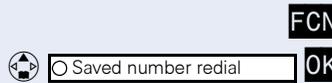
Precondition: Your handset is idle and your service personnel activated the local redial list.

Press the talk key **quickly**.

Select the required entry.

Press the talk key to start dialing.

 You are not yet able to transfer saved entries to the "Directory" → Page 118.



Saved Number Redial in the System Menu

The last three external telephone numbers dialed are stored automatically.

You can select this again with an FCN entry.

The station number appears on your screen for two seconds and is then dialed.

Press the display key.

Select and confirm.

Confirm entry (= last station number dialed).

Press the entry twice (=second-to-last station number dialed).

Press the entry three times (=third-to-the-last station number dialed).



Displaying and dialing saved station numbers

Press the display key.

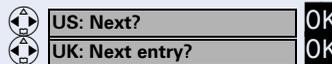
Select and confirm.



Press the dialog key within two seconds to confirm your choice.



The next stored number is displayed. Press the dialog key to confirm your selection.



Select and confirm.

 If this feature is configured (contact your service personnel), account codes entered are also saved → Page 83.

Step by Step

Calling a Second Party (Consultation Hold)

You can call a second party while conducting a call. The first party is placed on hold.

US: Consult? OK
 UK: Enquiry? OK

Confirm.



Call the second party.

Return to the first party:

Return to held call? OK
 or
 Quit and return? OK

Confirm.

or
 FCN

Press the display key.

Program/Service OK
 △ * + 0

Confirm.

Enter the code.

Switching to the Party on Hold (Toggle/Connect)

Toggle/Connect? OK
 or
 FCN

Select and confirm.

Press the display key.

Program/Service OK
 △ * abc 2

Confirm.

Enter the code.

Combining the calling parties into a three-party conference

Conference? OK
 or
 FCN

Select and confirm.

Press the display key.

Program/Service OK
 △ * def 3

Confirm.

Enter the code.

Connecting the other parties to each other

Transfer? OK

Select and confirm.

Step by Step

US: Consult?



UK: Enquiry?



Transfer?



Transferring a Call

If the person you are speaking to wants to talk to a specific colleague of yours, you can transfer the call to this colleague.

Confirm.

Enter the number of the party to whom you want to transfer the call.

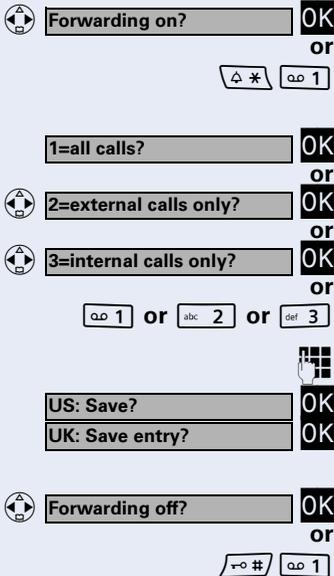
Announce the call, if necessary.

Press the on-hook key.

Select and confirm^[1].

[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step



Call Forwarding

Using Variable Call Forwarding

You can immediately forward internal or external calls to different internal or external telephones (destinations). (External destinations require special configuration in the system.)

Select and confirm.

Enter the code.

Confirm.

Select and confirm.

Select and confirm.

Enter the code.

Enter the destination number.

Confirm.

Deactivating call forwarding:

Select and confirm.

Enter the code.

 When call forwarding is active, a special dial tone sounds when you lift the handset.

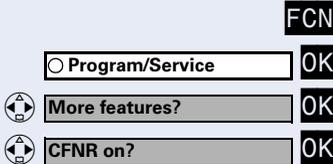
If DID DTMF is active (contact your service personnel), you can also forward calls to this destination. Destinations: fax = 870, DID = 871, fax DID = 872.

If you are a call forwarding destination, your display will show the station number or the name of the originator on the upper line and that of the caller on the lower line.

Step by Step

Using Call Forwarding No Reply (CFNR)

Calls that are not answered after three rings (=default, can be adjusted by service personnel) or that are received while another call is ongoing can be automatically forwarded to a specified telephone.



FCN

Press the display key.

Confirm.

Select and confirm.

Select and confirm.

or

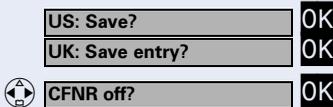


Enter the code.



Enter the destination number.

- Enter the internal station number for internal destinations
- Enter the external code and the external station number for external destinations



Confirm.

Confirm.

Select and confirm.

or



Enter the code.

Umleitung nach Zeit ausschalten

 If CFNR is enabled, the following briefly appears on the display when you replace the handset: „CFNR to: ...“

Step by Step

Call Forwarding in the Carrier Network and Forwarding Multiple Subscriber Numbers (MSN) (Not for U.S.)

If this function has been configured (contact your service personnel), you can forward calls to your assigned multiple subscriber number (MSN), i.e. DID number, directly within the carrier network.

For example, you can forward your phone line to your home phone after business hours.



Select and confirm.



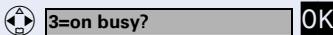
Enter the code.



Confirm the call forwarding type you wish to use,



Select and confirm.



Select and confirm.



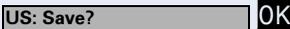
Enter the code.



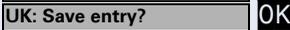
Enter your DID number.



Enter the destination number (without the external code).

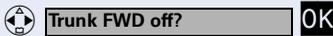


Confirm.



OK

Deactivating call forwarding:



Select and confirm.



Enter the code.



Confirm the displayed call forwarding type.



Enter the activated call forwarding type.

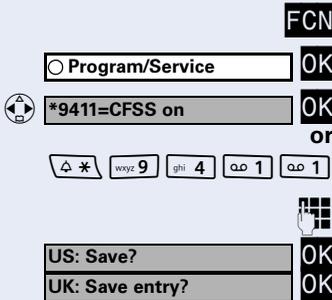


Enter your DID number.

Step by Step

Call Forwarding in the Event of a Telephone Malfunction

If this feature is configured (ask the service personnel), you can define an internal or external call forwarding destination that becomes effective when your telephone is not working.



Press the display key.

Confirm.

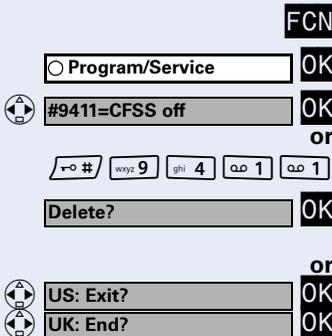
Select and confirm.

Enter the code.

Enter the destination number.

Confirm.

Deactivating call forwarding/deleting a destination:



Press the display key.

Confirm.

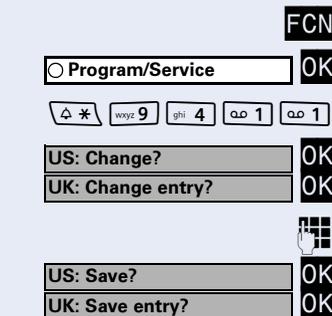
Select and confirm.

Enter the code.

Confirm to deactivate call forwarding and delete the forwarding destination.

Select and confirm to deactivate call forwarding without deleting the forwarding destination.

Changing the call forwarding destination (if forwarding is active):



Press the display key.

Confirm.

Enter the code.

Confirm.

Change the station number of the destination.

Confirm.

Step by Step

Using Callback

If a user is busy or is not answering, you can store an automatic callback. This feature saves you from having to make repeated attempts to reach the user.

You receive a callback,

- when the other party is no longer busy
- when the user who did not answer has conducted another call.

Storing a Callback

Precondition: You have reached a busy line or no one answers.

Confirm.



or



Enter the code.

Answering a Callback

Precondition: A callback was saved. Your telephone rings. "Callback: ..." appears on the display.



Press the talk key.

or



Press the speakerphone key.

You hear a ring tone.

Checking and Canceling a Saved Callback

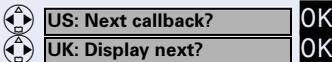


or



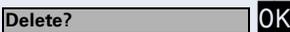
Select and confirm^[1].

Enter the code.



Select and confirm to display additional entries.

Deleting a displayed entry:



Confirm.

Ending a retrieve operation:



Select and confirm.

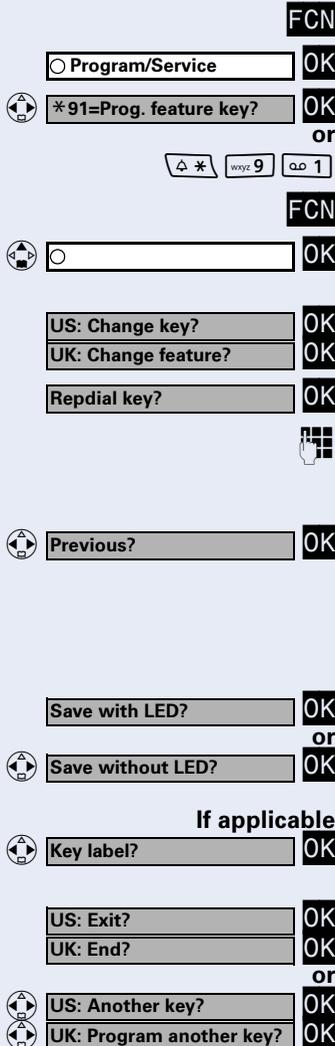
[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step

Saving a Redial Key as an FCN Entry

FCN list entries that are unassigned by default can be programmed with frequently used station numbers.

If you save internal station numbers, you can save a LED display (=save with LED) that signals various states → Page 73.



FCN Press the display key.

OK Confirm.

OK Select and confirm.

or Enter the code.

FCN Press the display key.

OK Select an entry. If the relevant entry has already been programmed, the programming is also displayed.

OK Confirm.

OK Confirm.

OK Enter the station number.

If you make a mistake:

OK Select and confirm. This deletes all digits entered.

The system telephone automatically recognizes if you want to save an internal or an external station number. The options "Save without LED" or "Save with LED" are only available for internal station numbers.

OK Confirm.

OK Select and confirm to save the repdial entry without LED display.

If applicable

OK Select and confirm to adjust the automatic entry label. For more information, see → Page 23.

OK Confirm.

OK Select and confirm.

Step by Step



US: Clear key?

UK: Delete feature?

or



Select and confirm.



Dial the station number saved → Page 38.

You can do this while a call is in progress.

For information on display messages when saving station numbers → Page 139.

Using Redial Entries for Dialing

Precondition: You have saved a station number as a redial entry → Page 37.

FCN

Press the display key.



Select and confirm an entry with a saved station number.



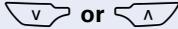
You can also press the redial entry during a call.

This automatically sets up a consultation → Page 30.

Step by Step

Telephone Settings

Adjusting the Ring Volume



Press one of these keys while the handset is idle.



Confirm.

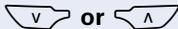


Raise or lower the volume. Keep pressing the keys until you are happy with the volume.

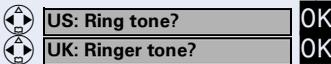


Save.

Adjusting the Ring Tone



Press one of these keys while the handset is idle.



Select and confirm.



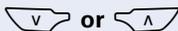
To adjust the ring tone, keep pressing the keys until the desired tone is set.



Save.

Adjusting the Attention Ring Volume

If you belong to a team that uses trunk keys, the telephone can alert you to other calls in the team even when you are engaged in another call. You hear the attention ring.



Press one of these keys while the phone is idle.



Select and confirm.



Raise or lower the volume. Keep pressing the keys until you are happy with the volume.

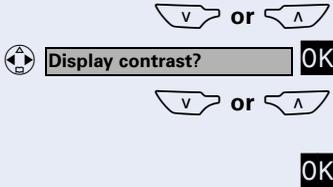


Save.

Step by Step

Changing the Display Contrast

You can adjust the display contrast to suit your individual lighting conditions.



Press one of these keys while the phone is idle.

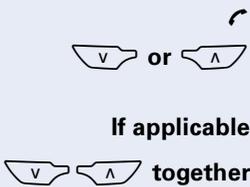
Select and confirm.

Change the contrast (1 - 4). Keep pressing the keys until the desired contrast is set.

Save.

Changing the Receiving Volume During A Call

You are conducting a call.



Raise or lower the volume. Keep pressing the keys until you are happy with the volume.

Save to keep the setting for future calls.

Selecting the System Menu Language



Press the display key.

Confirm.

Confirm.

Confirm.

Enter the code.

Select the language you wish to use (such as "Spanish") and press the dialog key to confirm.

Step by Step

Switching from the System Menu to Idle State

You are in a HiPath 3000 menu and would like to quickly revert to idle state.

FCN

Press the display key.

OK

Confirm.

Step by Step

Making Calls – Enhanced Functions

Accepting Calls

Accepting a Specific Call for Your Colleague

You hear another telephone ring.

FCN

Press the display key.

 Program/Service **OK**

Confirm.

 *59=Pickup - directed **OK**

Select and confirm.

or

 *  5  9

Enter the code.

All called stations appear on the screen.

If applicable

 US: Next? **OK**

Select and confirm until the station you want to call is displayed.

 UK: Next entry? **OK**

Confirm.

Accept call? **OK**

or



If you know the number of the telephone that is ringing, enter it directly.

 Accepting calls in a team → Page 106.

Step by Step

Rejecting Calls

You can reject calls which you do not wish to take. The call is then signaled at another definable telephone (contact your service personnel).

The telephone rings. The caller is displayed.



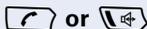
Press the on-hook key.

If call rejection is not permitted, your telephone will continue to ring. The message "Currently not possible" is displayed (for example, in the case of recalls).

Using the Speakerphone

A colleague addresses you directly over the speaker. You hear a tone before the announcement. The other party's name or station number appears on the screen.

You can reply to the call in handsfree answerback mode.



Press the talk key or the speakerphone key and reply.

Mute off?



Press the key to confirm your selection and answer the call.



If handsfree answerback is enabled (see below), you do not need to switch on the microphone - you can answer directly. You can answer immediately in speakerphone mode.

If handsfree answerback is disabled (default setting), follow the procedure described above.

Placing a speaker call to a colleague → Page 56.

Enabling and disabling handsfree answerback



HF answerback on?



Select and confirm.



HF answerback off?



or



Code for "HF answerback on"

or



Enter the code for "HF answerback off".

Step by Step

Answering a Call with the Headset

The procedure is the same as for speakerphone mode
→ Page 28.

Precondition: The headset is connected.



The LED flashes to signal an incoming call.
Press the speakerphone key. Conduct the call.

Ending a call



Press the speakerphone key. The LED goes out.

Step by Step

Answering Calls from the Entrance Telephone and Opening the Door

If an entrance telephone has been programmed, you can use your handset to speak to someone at the entrance telephone and activate a door opener. If you have the proper authorization (contact your service personnel), you can activate the **door opener**, enabling visitors to open the door themselves by entering a five-digit code (for example, using a DTMF transmitter or installed keypad).

Speaking to visitors via the entrance telephone:

Precondition: Your telephone rings.



Press the talk key within 30 seconds. You are connected to the entrance telephone immediately.

or

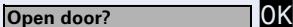


Press the talk key after more than thirty seconds.



Dial the entrance telephone number.

Opening the door from your telephone during a call from the entrance telephone:



Confirm.

Opening the door from your telephone without calling the entrance telephone:



Press the display key.



Confirm.



Select and confirm.

or



Enter the code.



Dial the entrance telephone number.

Opening the door with a code (at the door):



After ringing the bell, enter the five-digit code (using the keypad or a DTMF transmitter). Depending on how the door opener has been programmed, a doorbell call signal may or may not be forwarded.

Step by Step

Activating the door opener:

FCN

OK Program/Service

OK *89=Door opener on?

or

OK * 8 9

or

OK 3=change password?

OK 1=enable with ring?

OK 2=enable w/o ring?

Press the display key.

Confirm.

Select and confirm.

Enter the code.

Dial the entrance telephone number.

Enter the five-digit code. Default code = "00000".

Select the displayed function and press the dialog key to change the code.

Select and confirm.

You can also open the door without a doorbell ring.

Deactivating the door opener:

FCN

OK Program/Service

OK #89=Door opener off?

or

OK * 8 9

Press the display key.

Confirm.

Select and confirm.

Enter the code.

Accepting a Call From an Answering Machine

You can accept a call from any answering machine if the machine is connected to your system (contact your service personnel) and you have saved the answering machine number as an FCN entry → Page 71.

FCN

OK

Press the display key.

Select and confirm.

Step by Step

Dialing/Making Calls

En-Bloc Sending/Correcting Numbers

If this feature is configured (contact your service personnel), a connection is not attempted immediately when a station number is entered. This means that you can correct the number if necessary. The station number is only dialed at your specific request.



Internal: Enter the station number.

External: Enter external code and station number.

Dialing entered/displayed numbers:



Press the talk key.

Dial?



Confirm.

Correcting numbers entered:



Delete number?



Select and confirm.

The last digit entered in each case is deleted.



Enter the required digit(s).

Canceling en-bloc sending:



US: Exit?



Select and confirm.



UK: End?



or



Press the on-hook key.

or



Press the speakerphone key.



A station number can only be corrected as it is being entered. Station numbers stored for number redial, for example, cannot be corrected.

Step by Step

Using a Caller List

If you are unable to accept an external or internal call, the call attempt is stored in the caller list. You can store answered calls either manually (both internal and external calls) or automatically (external calls only). Contact your service personnel for details. Your telephone stores up to ten calls in chronological order. Each call is assigned a time stamp. The most recent entry not yet answered in the list is displayed first. Multiple calls from the same caller do not automatically generate new entries in the caller list. Instead, only the most recent time stamp for this caller is updated and its number incremented.

Polling the caller list

Precondition: The service personnel in charge set up a caller list for your telephone.



Select and confirm^[1],



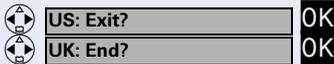
Enter the code.

The last call is displayed.



Confirm to display other calls.

Ending a poll operation



Select and confirm.



Press the on-hook key.



Press the speakerphone key.

[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step



Polling additional call information

Precondition: You have polled the caller list, the call you want is marked (black square at the start of the line).

Select and confirm.
Name, station number, and call time information is displayed.

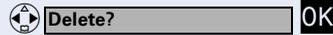


Dialing a station number from the caller list

Precondition: You have polled the caller list, the call you want is displayed.

Select and confirm.

 The caller is automatically deleted from the caller list when a connection is finally set up.



Removing an entry from the caller list

Precondition: You have polled the caller list, the call you want is displayed.

Select and confirm.



Saving the other party's station number in the caller list (redial)

Precondition: You are conducting a call or have called an external party.

Select and confirm.

or
FCN

Press the display key.



Confirm.



Enter the code.

Step by Step

Speed Dialing

Using station and system speed-dial numbers

Precondition: You have stored station speed-dial numbers → Page 50 or the service personnel has stored system speed-dial numbers.



Press the display key.



Confirm.



Confirm^[1],

or



Enter the code.



Enter a speed-dial number.

"*0" to "*9" = station speed-dialing.

"000" to "999" = system speed-dialing (contact your service personnel).

If applicable

Suffix-dialing



If necessary, you can suffix-dial additional digits (for example, the user's extension) at the end of the saved station number.

If this feature is configured, a suffix is automatically dialed (for example, "0" for the exchange) if no entries are made within 4 or 5 seconds.

Storing station speed-dial numbers

You can store the ten numbers which you use the most and dial them using your own station speed-dial numbers: *0 through *9 → Page 50.



Press the display key.



Confirm.



Select and confirm¹.

or



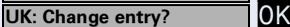
Enter the code.



Enter the speed-dial number you wish to use (*0 to *9). If the speed-dial number is already in use, the programmed station number appears on the screen.



Confirm.



Confirm.

[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step



First enter the external code and then the external station number.

US: Save?
UK: Save entry?

OK
OK

Confirm.

or

If you make a mistake:



Previous?

OK

Select and confirm. This deletes all digits entered.

US: Next?
UK: Next entry?

OK
OK

Confirm.

or



US: Change?

OK

Select and confirm.



UK: Change entry?

OK

or



Delete?

OK

Select and confirm.

or



US: Exit

OK

Select and confirm.



UK: End

OK

Step by Step

Dialing from the Internal Directory

If this function has been configured (ask the service personnel), all internal station numbers and central speed-dial numbers for which a name was assigned are stored in your internal directory.

 In contrast to the "local directory", the internal directory is configured centrally in the communication system → Page 53

Precondition: Names have been assigned to the station numbers stored in the system.

Confirm.

 *

Enter the code.

If applicable

If several directories have been configured:



Confirm.



The first entry is displayed.

Display additional entries.

or



Use the keypad to enter the name you want or just the initial letters. The system searches for the name.

The keypad's digit keys are used here like an alphanumeric keyboard to enter the name. Each letter is entered by pressing the relevant key the appropriate number of times. Character overview → Page 24.

If applicable

Select and confirm. The letter entered last is deleted. If you deleted all letters, the first entry in the directory reappears.

If applicable

Select and confirm. All letters entered are deleted, the first entry in the directory reappears.

The entry you want is displayed:

Select and confirm.

Step by Step



or

Select and confirm.
Name, station number, and/or system speed-dial number information is displayed.

Dialing from the Local Directory

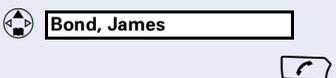
Precondition: An entry is saved in the directory list → Page 111.



Open the directory.

or

Select and confirm the entry you want.



Select the required entry and
press the talk key.

The connection is set up.

Voice Dialing

Precondition: A voice recording has been saved for an entry in the directory → Page 111.

 Please following the onscreen instructions.



Hold down the navigation key.



State the name of the party you want to call into the microphone.

The name is repeated for confirmation and the corresponding entry is shown on the display for five seconds.

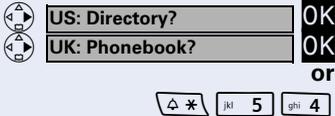
The connection is set up.

or



Press the speakerphone key to cancel dialing.

Step by Step



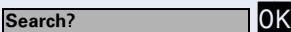
If applicable



If applicable



If applicable



Dialing from the Telephone Database (LDAP)

If configured (ask your service personnel), you can search for directory data in the LDAP database and dial the number of any subscriber you find there.

Precondition: The LDAP search feature has been configured in the system.

Confirm.

Enter the code.

If several directories have been configured:

Select and confirm.

Enter the name you want via the keypad (up to 16 characters).

You can enter incomplete names, for example, "mil p" for "Miller Peter".

The keypad's digit keys are used here like an alphanumeric keyboard to enter the name. Each letter is entered by pressing the relevant key the appropriate number of times.

Example: Press "7" three times to enter "r" or press "3" twice to enter "e". Character overview → Page 24.

If configured (ask your service personnel), you can also search for surname **and** first name. To separate surname and first name by a space, enter "0". You can enter incomplete names, for example, "mil p" for "Miller Peter".

Select and confirm. The letter entered last is deleted.

 In large databases, entering insufficient characters can lead to incomplete search results → Page 55.

Confirm.

The system search for the name. This may take a few seconds.

The result is displayed:

The first station found appears on the screen.

Confirm.

Step by Step

 Scroll Next? 

or

 Scroll Previous? 

 Call? 

If several names are found (max. 50), you must first select the one you want:

Select and confirm.

If no name is found:

If your search does not yield any name corresponding to your query, you can extend the range of the search, for example, by deleting characters.

 Change search string? 

Select and confirm.

Proceed as described above.

If too many names are found:

If more than the maximum of 50 names are found corresponding to your query, only an incomplete list of results can be displayed.

You can view these results, select any of the names, or change the search string (for example, narrow the search by entering more characters).



In this case it is advisable to narrow down the search so that all corresponding names can be displayed.

 Show results? 

Confirm to scroll through the incomplete list. Proceed as described above.

or

Narrow the search down.

 Change search string? 

Select and confirm, in order to change the search string. Proceed as described above.

Dialing from the LDAP Database

Precondition: You have searched for and selected an entry in the LDAP database → Page 116.



Press the display key.

 Dial 

Confirm.

Step by Step

Using Mailboxes

The mailbox key LED lights up or the LED icon in the FCN list turns red when you have new messages. Incoming messages are signaled in the same way if your telephone is connected to a voice mail system.

Polling the mailbox



Press the mailbox LED, the LED flashes.

or



Press the display key.



Select and confirm, the LED icon flashes.

or



Confirm.



Select and confirm.



or



Follow the user prompts.



Addressing Colleagues over the Speaker

You can conduct a speaker call over a connected loud-speaker (ask the service personnel) or address an internal user's system telephone directly without any action on their part.



Press the display key.



Confirm.



Select and confirm.

or



Enter the code.



Enter the station number.

➡ Responding to a speaker call → Page 43.

Step by Step

Talking to Your Colleague with Discreet Calling

If this function has been configured (ask your service personnel), you can join an ongoing call conducted by an internal user at a system telephone with display. You can listen in unnoticed and speak to the internal user without being overheard by the other party (discreet calling).



Press the talk key.



Enter the code.



Enter your internal station number.



Your service personnel can protect your telephone against discreet calling.

Automatic Connection Setup (Hotline)

If this function is configured (contact your service personnel), the system automatically sets up a connection to a preset internal or external destination.



Press the talk key.

Depending on the setting, the connection is either set up **immediately** or only **after** a preset **period of time** (hotline after a timeout).

Reserving a Trunk

If this feature is configured (contact your service personnel), you can reserve a busy trunk for your own use. When the trunk is free, you receive a call and a message appears on the display.

Precondition: "Currently busy" appears on the display.

Reserve trunk?



Confirm.

When the reserved trunk becomes free:

Your telephone rings. The display shows "Trunk is free".



Press the talk key. You hear the CO dial tone.

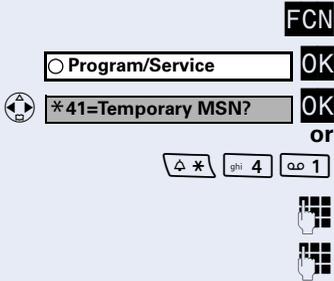


Enter the number of the external station.

Step by Step

Assigning a Station Number (Not for U.S.)

If this function has been configured (contact your service personnel), you can assign a specific number (DID number) to your telephone before making an external call. The assigned number then appears on the called party's display.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Enter the DID number you wish to use.

Dial the external number.

Associated Dialing/Dialing Aid

If this function has been configured (contact your service personnel), you can use a dialing aid to dial numbers and set up calls for your telephone.

The operating procedure depends on whether the dialing aid is connected to the **S₀ bus** or the **a/b (T/R) port**.

You can also use your system telephone as a dialing aid for other telephones.

Dialing aid on the S₀ bus:

On the PC, select a destination and start dialing.



The speaker on your telephone is switched on. Press the speakerphone key when the other party answers.

Dialing aid at the a/b (T/R) port:

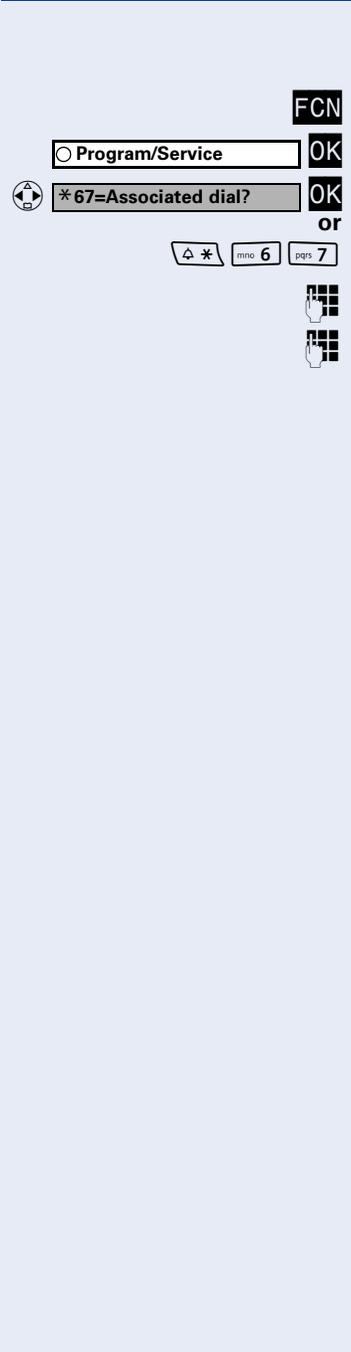
On the PC, select a destination and start dialing.

"Lift the handset" appears on the PC screen.



Press the talk key.

Step by Step



Dialing aid from your telephone for another telephone:

Press the display key.

Confirm.

Select and confirm.

Enter the code.

Enter the internal station number ("Dial for:")

Enter the number you wish to dial.

Step by Step

During a Call

Using Second Call

Callers can reach you even while you are conducting another call. A signal alerts you to the waiting call.

You can either ignore or accept the waiting call.

When you accept the waiting call, you can either end the first call or place it on hold and resume the call later on.

You can also bar call waiting or the call waiting tone
→ Page 61.

Accepting a Waiting Call (Camp-On)

Precondition: You are engaged in a phone call and hear a tone (every six seconds).

Ending the first call and answering the waiting call:



Press the on-hook key. Your telephone rings.



Answer the second call. Press the talk key.

Placing the first call on hold and answering the second call:



Call waiting?



Select and confirm.

or



Press the display key.

Program/Service



Confirm.



5

5

Enter the code.

You are immediately connected to the second caller.
The first party is placed on hold.

Ending the second call and resuming the first one

Quit and return?



Confirm.

or



Press the display key.

Program/Service



Confirm.

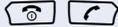


+ 0

Enter the code.

Step by Step

or



Press the on-hook key. "Recall ..." appears on the screen. Press the talk key.

Preventing and Allowing Call Waiting (Automatic Camp-On)

If this function has been configured (ask the service personnel), you can prevent or allow a second call → Page 60 from being signaled by automatic camp-on during an ongoing call.

FCN

Press the display key.

Program/Service OK

Confirm.

#490=Call wait.trm.off? OK

Select and confirm^[1].

*490=Call wait.term.on? OK

or

4 9 0

Enter the code for "Call wait.trm.off"

or

* 4 9 0

Enter the code for "Call wait.term.on".

Activating/Deactivating the Call Waiting Tone

You can suppress the call waiting tone (that sounds every six seconds) for external calls. A special nonrecurring dial tone then alerts you to the waiting call.

Waiting tone off? OK

Select and confirm.

Waiting tone on? OK

or

8 7

Enter the code for "Waiting tone off".

or

* 8 7

Enter the code for "Waiting tone on".

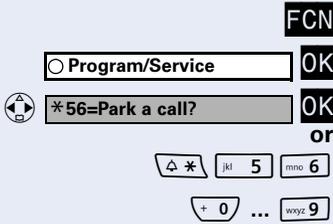
[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step

Parking a Call

You can park up to ten calls, either internal, external, or both. Parked calls can be displayed on and picked up from another telephone. This feature is useful, for example, if you want to continue a call at another phone.

Precondition: You are conducting a call.



Press the display key.

Confirm.

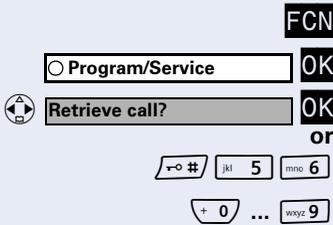
Select and confirm.

Enter the code.

Enter the number of the park slot (0-9) and make a note of it. If the park slot number you entered is not displayed, it is already in use; enter another one.

Retrieving a parked call

Precondition: One or more calls have been parked. The telephone is idle.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Enter the park slot number you noted earlier. If the park slot number you enter is not in use, you cannot retrieve the call.



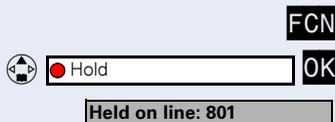
If a parked call is not resumed within a specific period of time, it is returned to the telephone from where it was parked (recall).

Step by Step

Placing External Calls on Hold

If you have programmed an FCN entry on your telephone for "Hold" → Page 71, you can place external calls on hold.

This enables all other parties to retrieve the call on the assigned line.



Press the display key.

Select and confirm, the LED icon is red.

A message appears showing which line is on hold (e.g. 801); make a note of the line number.

The LED associated with the FCN entry (if available) flashes slowly.

If applicable

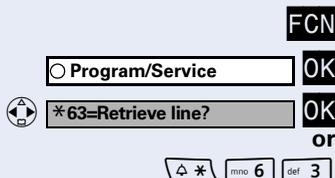


Press the on-hook key.

Depending on your system configuration, this may be necessary so other users can also pick up the held call.

Picking up (retrieving) a held call

Precondition: One or more calls have been parked. The telephone is idle.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Step by Step



Call the first party.

Select and confirm.



Call the second party. Announce the conference.

Select and confirm.



Press the display key.



Confirm.



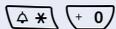
Enter the code.



A tone sounds every 30 seconds to indicate that a conference is in progress. Contact your service personnel for instructions on how to turn it off.

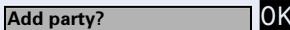


Confirm.



Enter the code.

If the second party does not answer



Confirm.



Call the new party. Announce the conference.



Select and confirm.



Press the display key.



Confirm.



Enter the code.

Adding up to five parties to the conference (initiator only)

Step by Step

 **OK**

Checking which parties are in the conference (initiator only)

Select and confirm.
The first conference party found appears on the screen.

OK

Confirm to display the other users.

OK

 **OK**

To close the list: select and confirm.

Removing parties from the conference (initiator only)

 **OK**

Select and confirm.
The first conference party found appears on the screen.

OK

Confirm to display the other users.

OK

 **OK**

Select and confirm.

Leaving a conference



Press the on-hook key.

 **OK**

Select and confirm.

 **OK**

Ending a Conference (Initiator Only)

 **OK**

Select and confirm.

or

FCN

Press the display key.

OK

Confirm.

 * def 3

Enter the code.

Removing the ISDN central office party from the conference (U.S. only)

 **OK**

Select and confirm.

or

FCN

Press the display key.

OK

Confirm.

 * glt 4 enry 9 ad 1

Enter the code.

Step by Step

Activating Tone Dialing/DTMF Suffix-Dialing

You can transmit **dual-tone multifrequency** (DTMF) signals to control devices such as an answering machine or automatic information system.

FCN

Press the display key.

Program/Service **OK**

Confirm.

***53=DTMF dialing?** **OK**

Select and confirm^[1].

or

*** 5 3**

Enter the code.



You can use the keys **+ 0** to **WXYZ 9**, *****, and **+ 0 #** to transmit DTMF signals.

 Ending the call also deactivates DTMF suffix dialing.

Your system may be configured so that you can start DTMF suffix dialing immediately after setting up a connection.

[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step

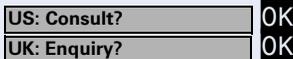
Forwarding a Call After an Announcement

If this function has been configured (contact your service personnel), you can use a speaker call to announce a call in progress to a group of users → Page 56 (announcement → Page 104).

You can transfer the held call once a member of the group has accepted the call request.

Precondition: You are conducting a call.

Confirm. The other party is placed on hold.



FCN

Press the display key.



Confirm.



Select and confirm.



Enter the code.



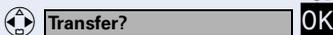
Enter the group's station number.

Announce the call.

When a member of the group accepts the call → Page 43, you are connected to this party.



Press the on-hook key.



Select and confirm^[1].

 If the connection between the two other parties is not established within 45 seconds, the call from the first party returns to you (recall).

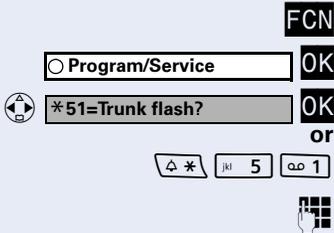
[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step

Trunk Flash

To activate ISDN-type services and features (such as "consultation hold") over the network carrier's analog trunks or those of other communication platforms, you must send a signal to the trunks before dialing the service code or telephone number.

Precondition: You have set up an external connection.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Enter the service code and/or telephone number.

Step by Step

Camp-on

If You Cannot Reach a Destination

Call Waiting (Camp-On)

Precondition: You have dialed an internal number and hear a busy signal. It is important that you reach the called party.

Wait (approx. five seconds) until "Camp-on" appears on the display and the busy tone is followed by the ring tone.

The called party can then respond → Page 60.



The called party can prevent automatic camp-on → Page 61.

If this feature is configured (contact your service personnel), you immediately hear the ring tone and the message "Camp-on" is displayed.

Override - Joining an Ongoing Call

This function is only available if it has been configured (contact your service personnel).

Precondition: You have dialed an internal number and hear a busy signal. It is important that you reach the called party.

Select and confirm.

Enter the code.

The called party and person to whom this party is talking hear an alerting tone every two seconds.

If the called party has a system telephone with display, the following appears on the screen: "Preempt: (station number or name)".

You can now start talking.



Override?



OK

or



mno 6

abc 2

Step by Step

Using Night Answer

When night answer mode is active, for example during a lunch break or after office hours, all external calls are immediately forwarded to a specific internal telephone (night station). The night station can be defined by the service personnel (= default night answer service) or by you (= temporary night answer service).

Activating night answer



Select and confirm.



Enter the code.



Press (= default night answer).



Enter the code (= default night answer).



Enter the destination number (= temporary night answer).



Confirm.

Deactivating night answer



Select and confirm.



Enter the code.

Step by Step

Saving Functions, Procedures, Wake-Up Calls, and Reminders

You can save a frequently-dialed number → Page 37, a frequently-used function or procedures (comprising several operating steps) to any free slot in your optiPoint WL 2 professional's FCN list.

Storing a Function in the FCN List

In addition to station numbers and procedures (→ Page 75), you can also save functions as entries (up to 12 entries) in the FCN list.

Precondition: Your handset is idle.



An incoming call will interrupt the programming procedure.

FCN

OK

*91=Prog. feature key? **OK**
or

* 9 1

FCN

OK

OK
 OK

OK

OK
 OK

If applicable

OK
 OK
or

OK
 OK

Press the display key.

Confirm.

Select and confirm.

Enter the code.

Press the display key.

Select and confirm an FCN entry.

Confirm.

Select and confirm one of the system functions available.

Select and confirm.

Some functions (such as "Call forwarding") accept incomplete entries. This means you have to insert additional digits later on when you press the button to activate the function.

Change the label → Page 23.

Confirm.

Select and confirm.

Step by Step

The function is now saved (but not active) in the FCN list. For information on activating the function → Page 72.

Activating a Function in the FCN List

You can save up to 12 functions in the FCN list.

Precondition: The function is saved in the FCN list → Page 71.

Press the display key.

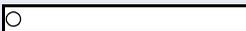
Select and confirm the function you want.



 If the function is activated, a red LED icon appears (like the LED on an optiPoint phone with function keys).

Meaning of LED icons associated with saved functions:

Call forwarding, Forwarding - trunk, Night answer, Do not disturb, Telephone lock, Advisory message, Ringer cutoff, HF answerback on/off, Join/leave group, Caller ID suppression, Call wait.term., Waiting tone off, Door opener on/off, Control Relay, Ringing group on, Shift Key, UCD (Available on/off, Work on/off, Night answer on/off):



Saved function is not active.



Saved function is active.

Callback:



You have not set a callback.



You have set a callback.

Mute on/off:



The microphone is switched on.



The microphone is switched off.

Headset:



The headset is switched off.



The headset is switched on.



Flashing slowly – call can be taken via headset.

Caller list:



No calls saved.



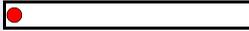
Call request saved.

Step by Step



Redial key (internal), Direct station select:

The other party is not conducting a call.



The other party is conducting a call or has activated do not disturb.



Flashing rapidly - a caller is trying to reach you, please pick up the phone.
Flashing slowly - a caller is trying to reach another party who has not yet answered.

Mailbox:



No messages received.



Message(s) received.

Call key, General call key, Trunk key, Temporary MSN:



No call on assigned trunk.



Active call on assigned trunk.



Flashing rapidly - a call has arrived on this trunk; press the key to pick up the call.
Flashing slowly - a call on this trunk was placed on hold.

Trunk grp:



At least one trunk is free.



All trunks in the trunk group are busy.

View call charges:



No chargeable calls have been made since the last time call charges were displayed.



Chargeable calls have been made since the last time call charges were displayed.

Call forwarding:



Flashing slowly - either you or your trunk is the destination of a forwarded call.

Fax details



No fax received or no message on answering machine.



Fax received or message on answering machine.

View number of calls:



No callers waiting



Flashing rapidly - callers waiting (a certain number is exceeded).
Flashing slowly - callers waiting (a certain number was reached).

Step by Step



Data I/O Service:

No connection to an application.

Active connection to an application.

Flashing slowly - Connection to application temporarily interrupted.

The following functions are saved as FCN entries and have no LED:

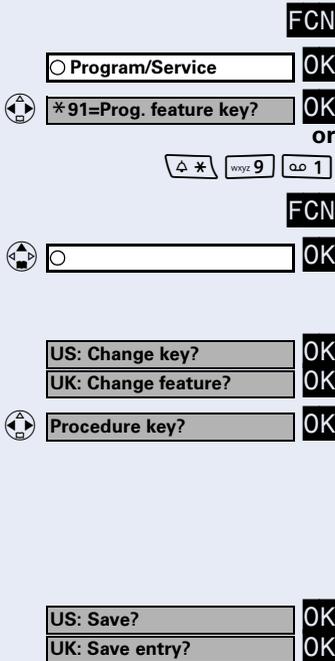
Redial key (external), Procedure key, Trace call, Speed dial, Release call, Clear, Lock all phones, Send message, Directory (1=internal, 2=LDAP), Call waiting, Toggle/Connect, Conference, Speaker call, Retrieve line, Reserve trunk, Release trunk, Temporary Phone, Override, Park, Pickup - directed, Pickup - group, Account code, Show call charges, Page, Answer page, Timed reminder, Open door, DTMF dialing, Recall-key, Room monitor, Hold key, Consultation, Associated dial, Associated serv., Tel. data service, Mobile Login, Discreet Call.

Step by Step

Saving a Procedure (Operating Steps) as an FCN Entry

Station numbers and functions which require additional inputs, i.e. comprise several operating steps, can be saved as FCN entries.

Using the associated dial function → Page 59, for example, you can save all the remaining inputs required (station number of the calling party and the station number to be dialed) as an FCN entry. Station numbers which require additional inputs but also dial pauses can also be stored.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Press the display key.

Select and confirm.

If the selected entry has already been programmed, the programming is displayed.

Confirm.

Confirm.

Select and confirm.

Enter the procedure, for example, "***67 231 089123456**".

*67= code for associated dial

231= station number of the calling party

089123456 = number to be dialed.

Confirm.

Step by Step



Previous?

OK

or

If you make a mistake:

Select and confirm. This deletes all digits entered.

If applicable



Key label?

OK

Select and confirm to adjust the automatic label. For more information, see → Page 23.

US: Exit?

OK

Confirm.

UK: End?

OK

or



US: Another key?

OK

Select and confirm.



UK: Program another key?

OK

 Select the FCN entry to activate the procedure saved.

Procedures containing functions which can be switched on/off can be activated by pressing the **OK** key and deactivated by pressing the same key again.

You can also select the procedure entry during a call. The stored digits are automatically transmitted as DTMF signals → Page 66.

For information on display messages when saving procedures → Page 139.

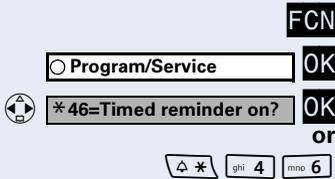
Step by Step

Reminder Function

You can program your telephone to give you a call when you want to be reminded of special appointments → Page 78.

To do this you must save the required time of the call. You can enter a single appointment that will take place in the next twenty-four hours, or you can enter a daily recurring appointment (see also the alarm function → Page 79).

Saving Reminders



Press the display key.

Confirm.

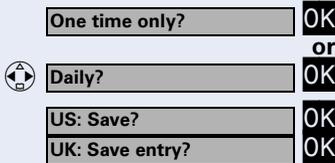
Confirm.

Enter the code.

Enter the time in four-digit format, for example, 0905 for 9.05 (= 9.05 a.m.) or 1430 for 14.30 (= 2.30 p.m.).



If the language is set to "US English" (configure → Page 40) you can enter the code 2 for "am" or 7 for "pm" (standard = "am").



Confirm.

Select and confirm.

Confirm.

Deleting and checking a saved timed reminder:



Press the display key.

Confirm.

Confirm.

Enter the code.

Confirm.

Select and confirm.

Step by Step

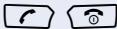


US: Reminder:

UK: Reminder at:



or



Using Timed Reminders

Precondition: You must have saved a timed reminder → Page 77. The current time now matches the saved time.

The handset rings.

The timed reminder appears on the screen.

Press the speakerphone key twice.

Press the talk key followed by the on-hook key.



If you fail to answer the timed reminder, it repeats five times and is then erased.

Step by Step

Setting the Alarm Clock

If the alarm function is activated, you receive a call signaled by the melody you selected everyday at the wake-up time set (see also the reminder function → Page 77).

Activating/Deactivating and Setting the Alarm Clock

Precondition: The handset is idle.



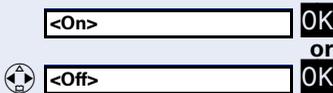
Open the main menu.

Enter the code.

Select and confirm.

Activating/deactivating the alarm clock

In the "Alarm Clock:" entry field:



Confirm.

Select and confirm.

Setting the alarm clock



Scroll to the "Time" entry field.



Enter the wake-up time (hours/minutes; four-digit).

Setting the wake-up melody

You can choose from up to 16 melodies → Page 134.



Scroll to the "Melody" entry field.



Select and confirm.



Press the display key to save changes.



Hold down the on-hook key.



Icon appears on the idle display.

Step by Step

Deactivating a Wake-Up Call



If your optiPoint WL 2 professional is in use at the set wake-up time, the wake-up call is signaled as soon as the handset returns to idle status.

Precondition: You have saved a wake-up call. The current time now matches the saved time.



The selected melody signals the wake-up call for 60 seconds at the handset.

Press any key to deactivate the wake-up call.

Step by Step

Displaying and Assigning Call Charges

Displaying Call Charges (Not for U.S.)

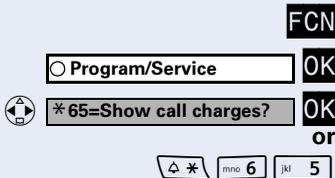
For the current call:

The display usually shows call charges at the end of a call (default setting). If you wish to display charges while a call is in progress, service personnel must request this feature from your carrier. Call charge display has to be requested from the service provider and installed by an authorized technician. The call charges are displayed will show the cost either during or after the call, depending on the setting. Some carriers also let you display toll-free external calls. The message "Free of Charge" appears on the screen either before or during the call. If the call charge display function has not been installed, the display will show the dialed number and/or the call duration.

 When a call is transferred, all charges are forwarded to the telephone to which the call was transferred.

For all calls and the last one conducted:

The connection charges for the last toll call conducted are displayed first. The total accumulated connection charges appear five seconds later.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Step by Step

Displaying Call Charges for Another Telephone (Not for U.S.)

If this function is configured (contact your service personnel), you can display and print the toll calls conducted by other telephones (such as a pay phone)

Precondition: You have configured an FCN entry with the function "View call charges" → Page 71.

The LED lights up to indicate that a you have conducted chargeable call since the last time you viewed the charges.

FCN

Press the display key.

 **View call charges** **OK**

Select and confirm, the LED icon is red.

US: Next? **OK**

Confirm to display additional toll calls.

UK: Next entry? **OK**

 **Print?** **OK**

Select and confirm.

 **Delete?** **OK**

or

 **Add'l information?** **OK**

or

 **US: Exit?** **OK**

or

 **UK: End?** **OK**

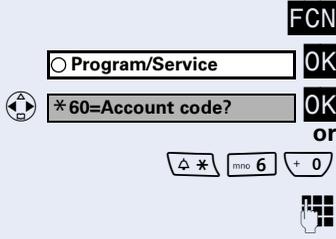
OK

Step by Step

Dialing with Call Charge Assignment

You can assign external calls to certain projects.

Precondition: Service personnel has set up account codes for you.



Press the display key.

Confirm.

Select and confirm.

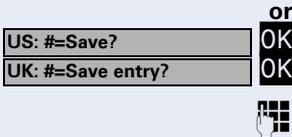
Enter the code.

Enter the account code.

Necessary depending on the configuration (consult your service personnel):

If applicable

Enter.



Confirm.

Enter the number of the external station.

You can also enter the account code during an external call.

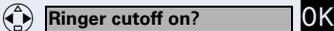
Step by Step

Privacy/Security

Turning Ringer Cutoff On and Off

You can activate the ringer cutoff function if you do not want the receive any calls. Calls are only identified by **one** ring signal, an indication on the display, and by a flashing icon associated with a programmed FCN entry.

Select and confirm^[1].



or



Enter the code for "Ringer cutoff on".

or



Enter the code for "Ringer cutoff off".

Activating/Deactivating Do Not Disturb

You can activate the do not disturb function if you do not want the receive any calls. When do not disturb is activated, internal callers hear a busy signal and external callers are rerouted to a telephone assigned for this purpose (contact your service personnel).

Select and confirm.



or



Enter the code for "DND on".

or



Enter the code for "DND off".

 When you press the talk key, a special dial tone (continuous whirring tone) reminds you that DND is on.

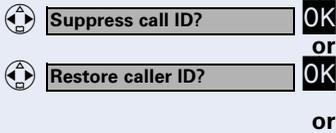
Authorized internal callers can automatically override the do not disturb function after five seconds.

[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step

Caller ID Suppression at the Called Party

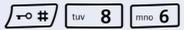
You can prevent your station number or name from appearing on the displays of external parties you call. The feature remains active until you deactivate it.



Select and confirm.



Enter the code for "Suppress call ID".



Enter the code for "Restore caller ID".



Service personnel can turn caller ID suppression on and off for all telephones.

Step by Step

Monitoring a Room

A telephone can be used to monitor a room. The function must be activated on the telephone that you want to monitor.

Calling this telephone lets you hear what is going on in the room.

Activating the telephone to be monitored:

FCN

Press the display key.

 Program/Service **OK**

Confirm.

 *88=Room monitor? **OK**

Select and confirm.

or

 *  8  8

Enter the code.

You can either leave the telephone in speakerphone mode or press the talk key and leave it directed towards the noise source.

Deactivating the telephone to be monitored:

FCN

Press the display key.

 Program/Service **OK**

Confirm.

or



Press the on-hook key.

Monitoring the room:

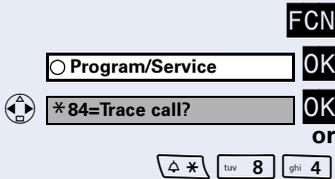


Enter the internal number of the telephone in the room you wish to monitor.

Step by Step

Identifying Anonymous Callers – Call Tracing (Not for U.S.)

Your service provider can identify malicious external callers. You can save the caller's station number during the call or up to 30 seconds after the call ends. However, you must not replace your handset during this time.



Press the display key.

Confirm.

Select and confirm.

Enter the code.



The call data is stored on the service provider's system once you have finished tracing the call. You must now contact your service personnel.

Step by Step

Locking the Telephone to Prevent Unauthorized Use

You can prevent unauthorized persons from using your telephone and its electronic notebook during your absence.

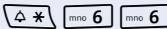
Precondition: You must have configured a personal identification number (PIN) for your telephone → Page 90.

Locking/unlocking the telephone

Select and confirm.



or



Enter the code for "Lock phone".

or



Enter the code for "Unlock phone".



Enter the telephone lock PIN → Page 90.



When the handset is locked, a special dial tone sounds when you press the talk key. You can continue to dial internal numbers as usual.

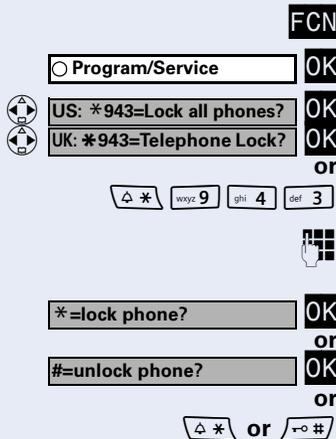
Your telephone can also be locked or unlocked by an authorized party → Page 89.

Step by Step

Locking Another Telephone to Prevent Unauthorized Use

If this function has been configured (contact your service personnel), you can lock and unlock other telephones to prevent unauthorized use.

You can use this function to unlock the telephone for users who have locked their telephones and then forgotten their PINs.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Enter the internal number of the telephone that you want to lock or unlock.

Confirm.

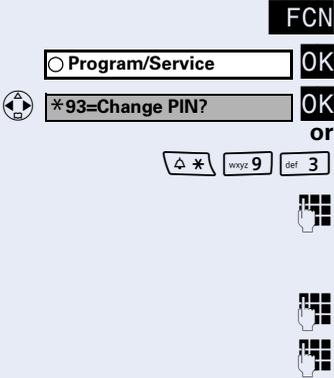
Enter the code.

Step by Step

Saving Your PIN

You need to enter a personal identification number that you yourself can save to use the following functions:

- to prevent unauthorized persons from using your telephone → Page 88
- to use another telephone like your own → Page 93.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Enter the current five-digit PIN.

If you have not yet assigned a PIN, use the PIN "00000" the first time.

Enter the new PIN.

Repeat the new PIN.

 If you forget your PIN, contact your service personnel. Your code can be reset to "00000".

Step by Step

Additional Features/Services

Sending a Message

You can send short text messages (infotexts) to single users or groups of users with system telephones. Incoming text messages are saved as callback requests on system telephones without display (for example, optiPoint 500 entry), ISDN, pulse or tone dialing telephones.

Creating and Sending a Message



Select and confirm.



Enter the code.



Enter the internal station number of the recipient or group.

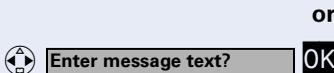


Select and confirm the preprogrammed message (which can be changed by the service personnel).

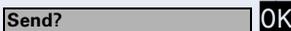


Enter the code directly.

The codes appear on the screen next to the associated message.



Select and confirm to enter another text (up to 24 characters). For information on entering text, see → Page 23.



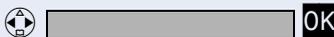
Confirm.



Select and confirm.



Enter the code.



Follow the display prompts.

Deleting/Displaying the Message Sent

 Texts sent to groups can be deleted only by the originator.

Step by Step

US: View messages? **OK**

UK: Display Messages? **OK**

OK

Answering Messages

"Messages received:" appears on your screen, along with an indication of the length.

Confirm.

Follow the display prompts.

Leaving an Advisory Message

You can leave an advisory message on your telephone screen for internal callers who want to reach you while you are away from your desk.

When another party calls you, the message appears on the caller's screen.

Advisory msg. on? **OK**

or

* **6** **9**

Select and confirm.

Enter the code.

0=Will return at: **OK**

or

0 **9**

Select and confirm the preprogrammed message (which can be changed by the service personnel).

Enter the code directly.

The codes appear on the screen next to the associated message.

You can enter digits after preprogrammed messages that end in a colon.

Enter message text? **OK**

or

Save? **OK**

Select and confirm to enter another text. For information on entering text, see → Page 23.

Confirm.

Deleting Advisory Messages

Advisory msg. off **OK**

or

6 **9**

Select and confirm.

Enter the code.

or

If you have saved "Advisory message" as an FCN entry → Page 71.

FCN

Press the display key.

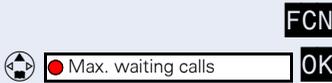
Advisory message **OK**

Select and confirm, the LED icon is red.

Step by Step

Displaying the Number of Calls in Queue and Overload Indication

If you programmed an FCN entry with the function "View number of calls" → Page 71, you can display the number of waiting external calls on the display.



Press the display key.

Select and confirm.

If the number of waiting calls exceeds a preset limit while you are engaged in another call (overload), the LED on the key lights up. Contact your service personnel to find out the waiting call limit.

- LED off:
No callers waiting.
- LED flashes slowly:
You have reached the programmed limit.
- LED flashes rapidly:
You have exceeded the limit (overload).

Using Another Telephone Like Your Own for a Call

Other people can temporarily use your telephone as though it were their own for outgoing calls.



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Enter the other user's station number and telephone lock PIN → Page 90.

If applicable

Change PIN

Users who have not yet selected a personal identification number are prompted to do so at their own telephones.

Dial the external number.

This state is cancelled at the end of the call.

Step by Step

Using Another Telephone Like Your Own for an Extended Period of Time (Mobility)

If this feature is configured, you can use a random opti-Point as your own telephone. Your station number including all settings (for example, FCN entries) are transferred.

Precondition: You have received a mobile station number and, where applicable, a password (ask the service personnel).

FCN

Press the display key.

Program/Service **OK**

Confirm.

***9419=Mobile Logon** **OK**

Select and confirm.

or

*** 9 4 1 9**

Enter the code.

[Grid]

Enter your mobile station number.

If applicable **[Grid]**

Enter the logon password.

If applicable **[*]**

Press the key.

or

Entry complete? **OK**

Confirm.

Logging off

#9419=Mobile Logoff **OK**

Select and confirm.

or

9 4 1 9

Enter the code.

Step by Step

Fax Details and Message on Answering Machine

If a fax or answering machine is connected to your system and you have assigned the "Fax details" function to a programmable key → Page 71, the key lights up when a fax or a message has been received.

Deactivating indication:

Press the display key.

LED icon is red; select and confirm. LED icon changes to white.



Resetting Services and Functions (System-Wide Cancellation for a Telephone)

A general reset procedure is available for activated functions. The following functions - if activated - are cancelled:

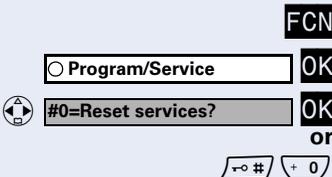
- Forwarding on
- Advisory msg. on
- Ringing group on
- Leave group
- Suppress call ID
- Waiting tone off
- DND on
- Ringer cutoff on
- Messages received:
- View callbacks

Press the display key.

Confirm.

Select and confirm.

Enter the code.



Step by Step

Activating Functions for Another Telephone

If this function has been configured (contact your service personnel), you can turn the following functions on and off for other telephones. This feature is also known as associated service.

- Do not disturb, code: *97/#97 → Page 84
- Call forwarding, code *11, *12, *13/#1 → Page 32
- Locking and unlocking telephone, code *66/#66 → Page 88
- Group ringing, code *81/#81 → Page 104
- Leave an advisory message, code *69/#69 → Page 92
- Group call, code *85/#85 → Page 104
- Reset services and functions, code #0 → Page 95
- Control relay, code *90/#90 → Page 102
- Night service, code *44/#44 → Page 70
- Timed reminders, code *65 → Page 77

FCN

Press the display key.

Program/Service OK

Confirm.

*83=Associated serv? OK

Select and confirm.

or

* 8 3

Enter the code.



Enter the internal number of the telephone where you want to activate the function.



Enter the code, such as *97 for do not disturb.

Follow the prompts on the screen for any further input.

Step by Step

Using System Functions from an External Location (DISA - Direct Inward System Access)

If this function has been configured (contact your service personnel), you can set up external outgoing calls from outside the system, as if you were an internal user. You can also activate and deactivate the following functions in your system:

- Reset services and functions, code #0 → Page 95
- Call forwarding, code: *1/#1 → Page 32
- Locking and unlocking telephone, code *66/#66 → Page 88
- Save PIN, code: *93 → Page 90
- Send a message, code: *68/#68 → Page 91
- Leave an advisory message, code *69/#69 → Page 92
- Group ringing, code: *81/#81 → Page 104
- Group call, code: *85/#85 → Page 104
- Suppress call ID, code: *86/#86 → Page 85
- Waiting tone, code: *87/#87 → Page 61
- Open door, code: *61 → Page 45
- Door opener on/off, code: *89/#89 → Page 46
- Control relay, code *90/#90 → Page 102
- Do not disturb, code: *97/#97 → Page 84
- Ringer cutoff function, code: *98/#98 → Page 84
- Speed-dialing, code: *7 → Page 50
- Associated service, code: *83 → Page 96

Precondition: You have a telephone that uses tone dialing (DTMF dialing) or you can switch your telephone to tone dialing. The telephone is not connected to the system.



Set up a call to the system. Enter the station number (contact your service personnel).



Wait for a continuous tone (if necessary switch the telephone to tone dialing), then enter the internal number that has been assigned to you and the associated PIN.



Enter the code (necessary only if programmed in the system).

Step by Step



Wait for a dial tone and then enter the code, such as *97 for Do not disturb on. Make other inputs as necessary (refer to the operating instructions for pulse and DTMF telephones).

or



Dial the external number.

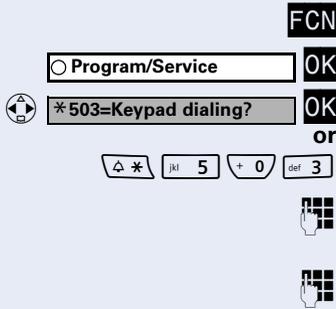


You can only execute one function or set up only one outgoing connection at a time. The connection is immediately cleared down once a function has been successfully activated. In the case of an external-external call, the connection is cleared down as soon as either of the parties ends the call.

Step by Step

Using Functions in ISDN via Code Dialing (Keypad Dialing)

In some countries, you can use code dialing to set ISDN functions, provided you have appropriate authorization (contact your service personnel).



Press the display key.

Confirm.

Select and confirm.

Enter the code.

Enter the number of the trunk you wish to use (contact your service personnel).

Enter the code for the required ISDN function (consult your service personnel).

 Contact your network provider to find out which ISDN functions can be code-operated in your country.

Siemens AG shall not be liable for damages/ costs which may be incurred by fraudulent activities or remote operation (for example, toll fraud).

Step by Step

Operating Connected Computers or Other Programs/Telephone Data Service (HiPath 3500/3550/3700/3750/3800 Only)

If this function has been configured (contact your service personnel), you can use your telephone to operate connected computers or programs running on them, such as hotel services or information systems.

Precondition: You have set up a connection.

FCN

Press the display key.

OK Program/Service

Confirm.

OK *42=Tel. data service?

Select and confirm.

or

2 * ghj 4 abc

Enter the code.

The connected computer now prompts you to enter the data, which you can do in one of two ways. Contact your service personnel to find out which option is programmed in your system:

- Input in en-bloc mode

9 + 0 ... xyz

Enter data.

r-o

Press this key at the end of the entry.

or

OK Entry complete?

Confirm.

or

- Input in online mode:
The connected computer processes your entries directly.

r-o

Enter the code.

9 + 0 ... xyz

Enter data.

Step by Step

Communicating with PC Applications over a CSTA Interface

If this function has been configured (ask your service personnel), you can use your telephone to communicate with PC applications (CSTA = **C**omputer **S**upported **T**elecommunications **A**pplications). You send information to the application and receive information from the application, for example, on your telephone's display.



Enter the code.

or



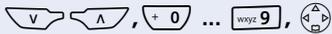
Press the display key.



Select "Data I/O Service". (Storing a Function in the FCN List → Page 71).



Enter the three-digit ID for the application you want to operate.



Use the relevant keys to communicate with the application.

Temporarily interrupting communication with the application



Das Mobilteil läutet. Sie nehmen das Gespräch an.



LED icon is flashing: communication with the application was automatically interrupted.

Resuming communication with the application

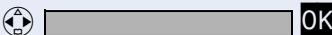


Press the display key.



LED icon is flashing. Select and confirm "Data I/O Service". LED icon is red.

Ending communication with the application



Select and confirm the appropriate CSTA message.

or

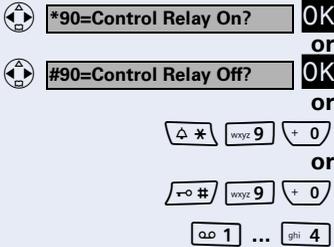


Lift and replace the handset.

Step by Step

Controlling Relays

If this function has been configured (contact your service personnel), you can turn up to four relays on and off to control different facilities (such as a door opener). Depending on how they are programmed, you can switch the relays on and off or switch them on and let them switch off automatically after a timeout.



Select and confirm.

Enter the code for "Control Relay On."

Enter the code for "Control Relay Off".

Enter the relay.

Sensors (HiPath 3300/3350/3500/3550 Only)

If this function has been configured (contact your service personnel), sensors will detect signals causing your phone to ring and a message to appear on your screen.

Radio Paging (Not for U.S.)

If paging equipment is connected to your system (contact your service personnel), you can contact people via their pocket receivers.

The pocket receiver informs the owner that someone is trying to get in touch. The person you page can then go to the nearest telephone and call you.

Operating procedures differ according to the type of radio paging equipment connected (simple or enhanced paging equipment).

Step by Step

Simple Paging Equipment

Paging:

To be paged, you must have activated a call ringing group → Page 107, call forwarding → Page 32, or call redirection (service engineer) to your paging equipment's internal station number.

A call request is then signaled automatically.

Answering the page from the nearest telephone:



Press the talk key.



Enter the code.



Enter your own station number.

Enhanced Paging Equipment (HiPath 3700/3750/3800 Only)

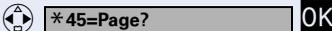
Paging:



Press the display key.



Confirm.



Select and confirm.

or



Enter the code.



Enter the number of the party you want to page.



Select and confirm.

or



OK

Answering the page from the nearest telephone:



Press the talk key.



Press the display key.



Confirm.



Select and confirm.

or



Enter the code.



Enter your own station number.

Step by Step

Using Team Functions

Turning Group Call On and Off

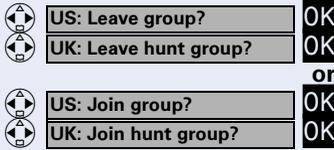
If this function has been configured (contact your service personnel), you belong to one or more groups of users who can each be reached under a hunt group or group station number.

Incoming calls are signaled at all group member telephones in the order in which they are received (= hunt group) or simultaneously (= group call) until one member of the group accepts the call.

Each member of the group remains available at his or her own station number.

You can activate and deactivate the audible signal for a hunt group, group call or individual trunks in a group. If an FCN entry is programmed for "Join/leave group" → Page 71, the red LED icon indicates that the audible tone was activated for at least one group.

Step by Step



or



Enter the code for "Leave group".

or



Enter the code for "Join group".

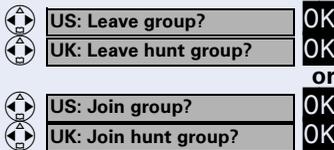
or



Press the display key.



Select and confirm.

You belong to multiple groups or to one group with trunk keys:

or



Enter the code for "Leave group".

or



Enter the code for "Join group".

or



Press the display key.

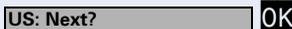


Select and confirm.

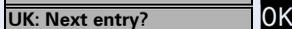


If an "X" appears between group/trunk number (such as 301) and group name, the audible tone is active for this group or trunk. No "X" means that the audible tone was deactivated.

or

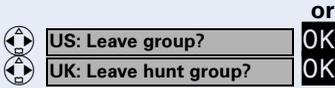


Press the dialog key to confirm your selection and display the next group or trunk number and group name.

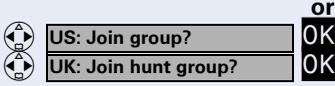


[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step



Select and confirm.
This turns off the audible tone for the displayed group or trunk.



Select and confirm.
This turns on the audible tone for the displayed group or trunk.



Select and confirm^[1].
This turns off the audible tone for all groups and trunks.



Enter the code for "Leave all groups".



Select and confirm¹.
This turns off the audible tone for all groups and trunks.



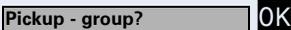
Enter the code for "Rejoin all groups".

 If you deactivate the audible tone for another group or trunk, or deactivate it for all groups and trunks to which you belong, a special dial tone sounds when you lift the handset.

Accepting a Call for Another Member of Your Team

You can accept calls for other telephones in your team (call pickup group; consult your service personnel) at your own telephone even while engaged in another call.

Precondition: Your telephone rings briefly. "Call for:" appears on the upper display line with the station number or name of the originator; the station number or name of the caller appears on the lower line.



Confirm.



Press the display key.



Confirm.



Enter the code.

[1] "Different Displays (HiPath 4000 Environment)" → Page 136

Step by Step

Activating and Deactivating a Ringing Group

You can have calls for your telephone signaled audibly at up to five other internal phones. The person who answers first receives the call.

Saving, displaying, and deleting telephones for the ringing group:

FCN

Press the display key.

 Program/Service **OK**

Confirm.

 *81=Ring group on? **OK**

Select and confirm.

or

 * **8** **1**

Enter the code.

 OK

Follow the display prompts (enter the internal station number).



If your telephone belongs to a ringing group, the originator's and the caller's station number or name are shown on the display's upper line and lower line respectively.

Removing all telephones for a call ringing group:

 Ringing group off? **OK**

Select and confirm.

or

 * **8** **1**

Enter the code.

Step by Step

Uniform Call Distribution (UCD)

If this function has been configured (contact your service personnel), you belong to a group of users (agents) to whom calls are distributed. An incoming call is always assigned to the agent who has had the longest break without a call.

Logging on and off at the beginning and end of your shift:

FCN

Press the display key.

Program/Service **OK**

Confirm.

 UCD? **OK**

Select and confirm.

*401=Log on? **OK**

Confirm.

or

 #401=Log off? **OK**

Select and confirm.

or

 *   

Enter the code for "Log on".

or

 #   

Enter the code for "Log off".

To log on, enter your identification number ("Agent:"). Contact your service personnel to find out what it is.

Logging on and off during your shift:

FCN

Press the display key.

Program/Service **OK**

Confirm.

 UCD? **OK**

Select and confirm.

 #402=Not available? **OK**

Select and confirm.

or

 *402=Available? **OK**

Select and confirm.

or

 *   

Enter the code for "Not available".

or

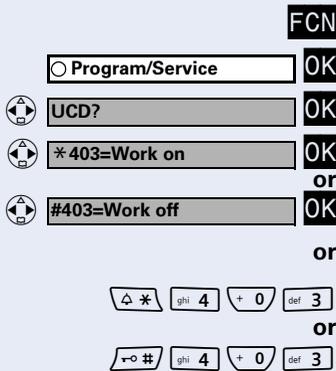
 #   

Enter the code for "Available".

Step by Step

Requesting and activating a work time:

If you want to follow up on the last call you answered without being disturbed, you can request and activate a work time. This removes your telephone from the call distribution cycle for a programmable period of time until you log back on.



FCN

Press the display key.

○ Program/Service OK

Confirm.

UCD?

Select and confirm.

*403=Work on

Confirm.

#403=Work off

Select and confirm.

or

*

Enter the code for "Work on".

or

#

Enter the code for "Work off".

Turning the night service on and off for UCD:



FCN

Press the display key.

○ Program/Service OK

Confirm.

UCD?

Select and confirm.

*404=UCD night on?

Select and confirm.

#404=UCD night off?

Select and confirm.

or

*

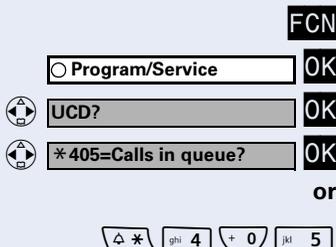
Enter the code for "UCD night on".

or

#

Enter the code for "UCD night off".

Displaying the number of calls in queue:



FCN

Press the display key.

○ Program/Service OK

Confirm.

UCD?

Select and confirm.

*405=Calls in queue?

Select and confirm.

or

*

Enter the code for "Calls in queue".

Step by Step

Station Number Directories and Lists

Directory

You can use the directory to save station numbers and additional information on contacts (up to 200 entries).

You can create a new entry:

- via the main menu → Page 111
- via the menu if an entry is selected → Page 114
- by importing from the redial list → Page 118
- by importing from the LDAP database → Page 117



You can use the Web interface to import a directory file from your PC to the directory and create backup copies of your data → Page 134.

Possible entry fields are:

- "Name:"
- "First name:"
- "Tel.(Private):"
- "Tel. (Office):"
- "Tel.(Mobile):"
- "Department:"
- "Address:"
- "ZIP code:"
- "City:"

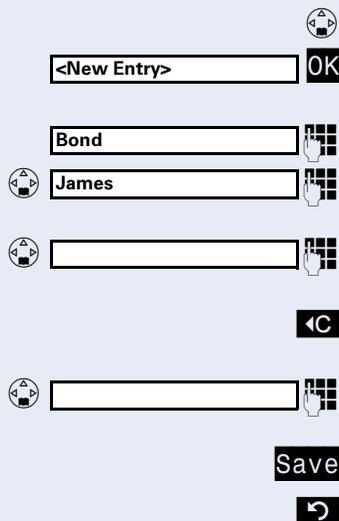
You must enter at least a station number before you can save an entry.



All station numbers that are assigned to an entry are available when dialing from the directory → Page 53.

Step by Step

Creating a New Entry



Open the directory.

Confirm.

The cursor jumps to the "Name:" entry field.

Enter the name here.

Select the "First name:" entry field and enter the first name.

For example, select the "Tel.(Private)" entry field and enter the station number.

Press the display key to delete the character to the left of the cursor.

Select additional entry fields and enter the relevant data.

Press the display key to save the entries.

Press the display key to discard the entries.

Adding Voice Dialing Recordings for an Entry

You can add voice dialing recordings for up to 30 entries.

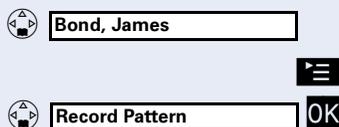
Saving a voice recording

Precondition: The entry in the directory list is selected
→ Page 113.



The reliability of voice recognition depends on the pitch of the voice, and the speaker's voice speed and volume.

Use the long, unique name and avoid loud background noise during the recording.



Press the display key.

Select and confirm.



Please follow the onscreen instructions while recording.



State the name of the party you want to call into the microphone.

Step by Step



Wait for a positive alerting tone.



Repeat the recording.



If recording is successful, the entry is marked with this icon in the directory list.

If recording failed, an error message is displayed and you hear a negative alerting tone.

Playing back a voice recording

Precondition: A voice recording has already been saved, the entry in the directory list is selected.



Press the display key.



Play Pattern



Select and confirm.



The recording associated with the entry is played back.

Deleting a voice recording

Precondition: A voice recording has already been saved, the entry in the directory list is selected.



Press the display key.



Delete Pattern



Select and confirm.

The recording associated with the entry is deleted.

Step by Step

Directory List

All entries are listed in alphabetical order in the directory list.

Other sort rules:

1. Complete entries (name/first name)
 - Numbers before letters
 - Lowercase before uppercase
2. Entries that only contain station numbers

Representation in the directory list

Precondition: There are entries saved in the directory list → Page 111.

Entries that have not been selected are shown on a single line.

A selected entry is displayed on two lines.

The entry can contain the following icons:

-  Voice dialing
-  Business telephone number
-  Private telephone number
-  Mobile telephone number

Searching for an entry

Precondition: There are entries saved in the directory list → Page 111.

Open the directory.

Scroll through the directory list.

Enter the first letters of the required contact's name (for information on entering characters → Page 24).

If there are multiple matching entries:

Select the required entry.

Bond, James

Bond, James
0455 3625  



or



If applicable



Bond, James
0455 3625  

Step by Step

Viewing an entry

Precondition: The entry in the directory list is selected
→ Page 113.

View

Press the display key.



Scroll through the entry fields.

Change

Confirm to edit the entry → Page 114.

OK

Confirm. You are returned to the directory list.

Editing an entry

Precondition: The entry in the directory list is selected
→ Page 113.



Press the display key.

Edit Entry

OK

Confirm.



Use the navigation key to select the entry field you want to edit.



Press the display key to delete the character to the left of the cursor.

Save

Press the display key to save the entries.

Creating an entry

Precondition: An entry is selected in the directory list
→ Page 113.



Press the display key.

New Entry

OK

Select and confirm.



Deleting an entry

Precondition: The entry in the directory list is selected
→ Page 113.



Press the display key.

Delete Entry

OK

Select and confirm.



The entry is deleted from the directory list.

Step by Step

Clearing the directory list

Precondition: The entry in the directory list is selected
→ Page 113.



Press the display key.

Select and confirm.

Yes

Press the display key to permanently delete all directory entries.

Memory capacity



Press the display key.

Select and confirm.

Step by Step

LDAP Database

You can access your corporate directory (LDAP database).

 This function must be correctly configured to use the LDAP database. Consult your service personnel.

Searching for an LDAP Entry

Open the directory.

Select and confirm.

Confirm.

or

Select and confirm.

 In contrast to the standard search, the advanced search provides options for running searches on the basis of additional corporate directory fields (max. five).

If applicable 

Select the search field ("Advanced Search" only).

Enter the search text (for information on entering characters → Page 24).

The hit list contains one or more entries, the first of which is selected.

Select the required entry.

You can now

- call the LDAP contact → Page 55
- view the LDAP entry → Page 116
- import an LDAP entry to the directory

Viewing an LDAP entry

Precondition: You have searched for and selected an entry in the LDAP database → Page 116.

Press the display key.

Select and confirm.

Cancel.

 <LDAP> 

Basic Search 

 Advanced Search 

 Bond, James
0455 3625  

  View 

Step by Step



Copy to Directory



or

Select and confirm to copy the LDAP entry to the directory → Page 117.

Importing an LDAP Entry into the Directory

Precondition: You have searched for and selected an entry in the LDAP database → Page 116.



Press the display key.



Import



Select and confirm.

The LDAP entry is now saved in your directory.

Step by Step

Redial List

The redial list contains the last ten numbers dialed by the handset. If any of the numbers are in the directory, the matching names are displayed.

Importing an Entry into the Directory

Precondition: You dialed station numbers that are not yet saved in the directory.

Press the talk key **quickly**.

Select the required entry.

Press the display key.

Confirm.

You are now in the directory list. The station number is entered.

Use the navigation key to select the "Name:" entry field and enter the name.

Use the navigation key to select other entry fields and enter additional information.

Press the display key to delete the character to the left of the cursor.

Press the display key to save the entries.

Removing an entry from the redial list

Press the talk key **quickly**.

Select the required entry.

Press the display key.

Confirm.

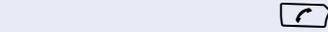
Deleting the redial list

Press the talk key **quickly**.

Select the required entry.

Press the display key.

Confirm.



089123456



Copy to Directory



Bond



Save



089123456



Delete Entry



089123456



Erase list buffer



Step by Step

Programming the Handset

You can configure audio and visual settings directly at your optiPoint WL 2 professional via the main menu or over the Web interface → Page 131. You can also view or check various settings.

Handset Configuration

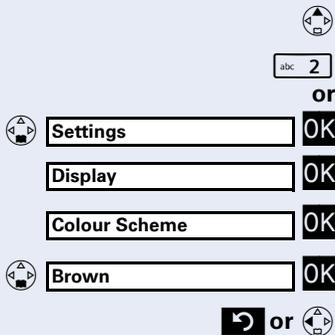
Setting the Display Color

You can choose from four color settings.

These entries can also be changed via the Web interface → Page 133.



The display contrast can only be set via the Web interface.



Open the main menu.

Enter the code.

or

Select and confirm.

Confirm.

Confirm.

Select and confirm the color setting you want.

Quit the menu.

"Default" color setting

The default color setting uses different colors to represent the different handset states:

Color	Handset state:
Brown	Idle, call and system state
Ochre	FCN mode
Blue	Main menu, directory list

Step by Step

Adjust Contrast

You can adjust the display contrast to suit your requirements and surroundings.

These entries can also be changed via the Web interface → Page 133.



Open the main menu.



Enter the code.

or



Settings



Select and confirm.

Display



Confirm.



Contrast



Select and confirm.



Set value 1-9.
Your display settings are applied as a preview.

Save

Save setting.

ESC

Cancel modification.

Adjust brightness

You can adjust the brightness to suit your requirements and surroundings.

These entries can also be changed via the Web interface → Page 133.



Open the main menu.



Enter the code.

or



Settings



Select and confirm.

Display



Confirm.



Brightness



Select and confirm.



Set value 1-9.
Your display settings are applied as a preview.

Save

Save setting.

ESC

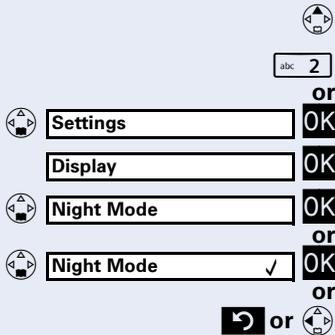
Cancel modification.

Step by Step

Setting night mode

The display is dimmed when the handset is idle. In night mode, the display illumination switches off completely when the handset is idle and inserted into the charging unit.

These entries can also be changed via the Web interface → Page 133.



Open the main menu.

Enter the code.

Select and confirm.

Confirm.

Select and confirm (activate).

Select and confirm (deactivate).

Quit the menu.

Step by Step

Setting Display Language

You can display your optiPoint WL 2 professional's main menu and display keys in different languages.

These entries can also be changed via the Web interface → Page 133.

 Set the display language for the system menu → Page 40.

 Open the main menu.

 Enter the code.

or

 **Settings**  Select and confirm.

Display  Confirm.

 **Language**  Select and confirm.

German   Confirm.

or

 or  Quit the menu.

Shortcut to the Language menu

Use this key combination if you mistakenly set a language you don't understand, for example.

 **German**  Select the correct language.

Step by Step

WLAN Access

You can program up to 16 profiles for WLAN access on your optiPoint WL 2 professional. The profile marked ✓ is active. You can select various profiles. If you have any questions, contact your service personnel.

These entries can also be changed via the Web interface → Page 133.



Open the main menu.

abc 2

Enter the code.

or



Settings



Select and confirm.



Access Profiles



Confirm.



Profile 3



Select and confirm.



or



Quit the menu.

Activating a profile

Viewing settings

View

Press the display key.



Scroll through the entries.

or



or



Quit the menu.

Step by Step

Easy Answer

If this function is active, you can answer a call by simply removing the optiPoint WL 2 professional from the charging unit, that is, without pressing the talk key .

These entries can also be changed via the Web interface → Page 134.



Open the main menu.

abc 2

Enter the code.

or



Settings



Select and confirm.



Easy Answer



Select and confirm (to activate).

or



Easy Answer ✓



Select and confirm (to deactivate).

or



or



Quit the menu.

Vibration Alert

You can program the handset to also signal incoming calls by vibrating. If the optiPoint WL 2 professional is in the charging unit, the vibration alert function - even if active - is suppressed.



Open the main menu.

abc 2

Enter the code.

or



Settings



Select and confirm.



Vibration Alert



Select and confirm (to activate).

or



Vibration Alert ✓



Select and confirm (to deactivate).

or



or



Quit the menu.

Step by Step

PIN

You can protect your optiPoint WL 2 professional against unauthorized access by setting a PIN. You are then prompted to enter the PIN when you activate the handset → Page 15.

These entries can also be changed via the Web interface → Page 133.



Open the main menu.

abc 2

Enter the code.

or



Settings



Select and confirm.



PIN



Select and confirm.

[- - -]



Enter the current PIN in the "Old PIN: " entry field (if available).

and

[0077]



Confirm.



Enter the new PIN in the "New PIN:" entry field (four digits, 0 to 9).

or

To remove PIN protection:

[- - -]

Do not make an entry.

Save

Press the display key to save the change.



or



Quit the menu.



Your handset will block after three failed attempts to enter the PIN and can only be unlocked by your service personnel.

Step by Step

Advisory Tones

Your optiPoint WL 2 professional notifies you acoustically of different activities and statuses. You can activate or deactivate the following advisory tones independently of each other:

- Key click: Every keystroke is confirmed
- Confirmation tones:
 - The confirmation tone** (rising sequence of tones) is output when you finish an input/setting and when you replace the handset in the charging unit
 - The error tone** (falling sequence of tones) is output when you make an incorrect entry
 - The end-of-menu tone** is output when you scroll to the end of a menu
- The battery low tone is output when the battery needs to be charged
- The reception strength tone is output when you are outside your WLAN's reception range

These entries can also be changed via the Web interface → Page 133.



Open the main menu.



Enter the code.

or



Select and confirm.



Select and confirm.

Activating/deactivating key tones



Confirm "Key Tones:" in the entry field.

or



Select and confirm.

Activating/deactivating confirmation tones



Scroll to the "Confirm.:" entry field and confirm.

or



Select and confirm.

Activating/deactivating the battery low tone



Scroll to the "Battery:" entry field and confirm.

or



Select and confirm.

Step by Step



Activating/deactivating the reception strength tone

Scroll to the "Weak Signal:" entry field and confirm.

Select and confirm.

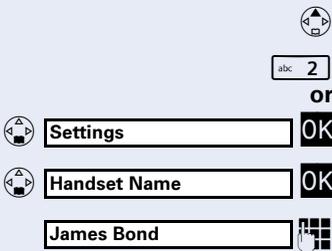
Press the display key to save the changes.

Quit the menu.

Handset Name

A name is automatically assigned when you log on. You can change this name. The name may contain up to 16 characters.

These entries can also be changed via the Web interface → Page 133.



Open the main menu.

Enter the code.

Select and confirm.

Select and confirm.

Enter the new name in the "Handset Name:" entry field.

If applicable



Delete character



Press the display key to save the entry.



Quit the menu.

Step by Step

Restoring the Factory Defaults

You can restore the factory defaults for optiPoint WL 2 professional → Page 142. This action deletes any individual settings and changes made but leaves directory entries intact → Page 113.



Open the main menu.



Enter the code.

or



Settings



Select and confirm.



Reset Handset



Select and confirm.

Yes

Confirm.

or

No

Cancel.



Quit the menu.

Step by Step

Status Display

You can display various settings and information on your optiPoint WL 2 professional.



You cannot edit these settings. If you have any questions, contact your service personnel.



Open the main menu.

def 3

Enter the code.

or



Status

OK

Select and confirm.

Handset settings

This information can also be viewed via the Web interface → Page 132.

Handset

OK

Confirm.



Handset Name:

OK

Scroll through the entries:

- Handset Name
- MAC Address
- IP Address
- HW Release



or



Quit the menu.

LDAP settings



LDAP

OK

Select and confirm.



IP Address

OK

Scroll through the entries:

- IP Address
- Port Number



or



Quit the menu.

Step by Step

Connection Wizard

You can define multiple WLAN access points to guarantee the reception quality within your telephone system. You can program appropriate connection profiles (up to 16 profiles → Page 123). These are accessed and activated via the connection wizard.

Automatic Start

If your optiPoint WL 2 professional is out of the WLAN access point's range, you receive an error message (→ Page 139) and can log on again over the connection wizard.

Re - Scan

Press the display key.

Use exist. Profile OK

Confirm.

Profile 1 OK

Confirm.

 The list of configured stations contains active profiles in green that are sorted according to the reception strength (highest reception strength first). Profiles displayed in black are not active.

Manual Start

If you deliberately exit the range of your current WLAN access point (for example, enter another company building), you can manually select the connection profile.

Precondition: An appropriate profile is configured → Page 123.



Open the main menu.

5

Enter the code.

or

 Connect. Assistant OK

Select and confirm.

Use exist. Profile OK

Confirm.

 Profile 1 OK

Select and confirm a profile.

Re - Scan

Confirm.

Step by Step

Configuration over the Web Interface

The optiPoint WL 2 professional features a HTTP Web server that permits handset content to be displayed via a Web browser installed on a PC integrated in the WLAN ("Web interface").



The IP data associated with the optiPoint WL 2 professional and the PC must be correctly configured (consult your service personnel).

Application:

- Accessing parameters and lists
- Making settings for your optiPoint WL 2 professional
- Importing ring tones



"Device is locked by WEB access" appears on the handset's display during Web interface configuration. Keyboard inputs are not possible at this time and incoming calls are ignored.

The Web interface contains the following form elements, for example:

[User](#)

Click the link to reach the relevant page.

Apply

Click the button to apply the changes to the current form. The changes are then applied to the optiPoint WL 2 professional.

Undo

Click the button to reset the changes in the current form to the previous values in optiPoint WL 2 professional.

No transfer

Choose an option from the selection box.



Click a checkbox or radio button to activate/deactivate a function.

Start Preparations

Precondition: The handset is idle.

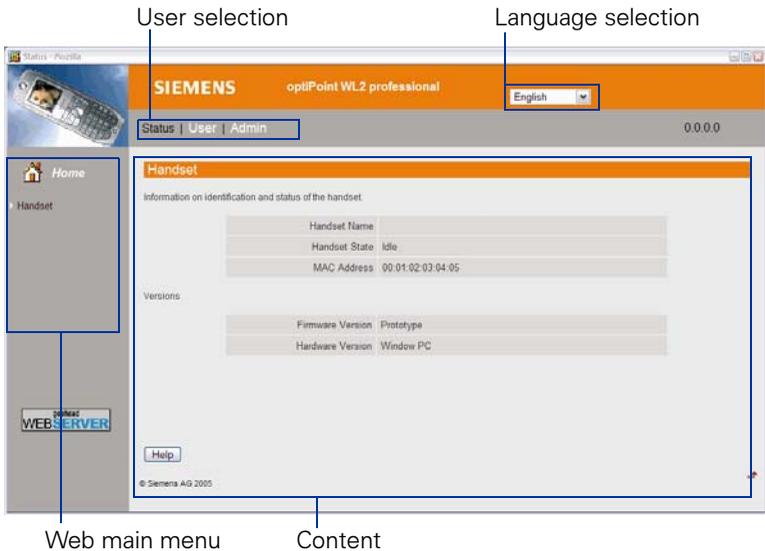
1. Open the browser
2. Enter the IP address of optiPoint WL 2 professional.
Example: http://IP of optiPoint WL 2 professional

 The IP address of your handset is shown in the status display
→ Page 129.

The home page opens in a separate window.

Home page

You can select the language of the Web interface here and view information on your optiPoint WL 2 professional (corresponds to the main menu → Page 129).



The screenshot shows the web interface of a Siemens optiPoint WL2 professional handset. The interface is displayed in a browser window. The top header is orange and contains the Siemens logo, the text "optiPoint WL2 professional", and a language selection dropdown menu set to "English". Below the header is a navigation bar with "Status", "User", and "Admin" tabs, and the version number "0.0.0.0". The main content area is titled "Handset" and contains information on identification and status of the handset, including Handset Name, Handset State (idle), and MAC Address. Below this is a "Versions" section with Firmware Version (Prototype) and Hardware Version (Window PC). A "Help" button is located at the bottom left of the content area. The footer shows "© Siemens AG 2005".

Annotations with blue lines pointing to specific elements:

- User selection:** Points to the "User" tab in the navigation bar.
- Language selection:** Points to the "English" dropdown menu in the top header.
- Web main menu:** Points to the "Home" and "Handset" links in the left sidebar.
- Content:** Points to the main content area titled "Handset".

[User](#)**If applicable**

Login

Select.

Enter the handset PIN (at the handset, see → Page 15).

Confirm.



You can access additional configuration menus via the Web main menu:

Select profile

Select a preconfigured WLAN profile here (corresponds to the main menu → Page 123).

Handset PIN

You can set a PIN to protect your optiPoint WL 2 professional against unauthorized use (corresponds to the main menu → Page 125).

Handset settings: Audio

You can activate/deactivate advisory tones (corresponds to the main menu → Page 126).

Handset settings: Display

Enter the following settings for the display:

- Rename (corresponds to the main menu → Page 127)
- Set Language (corresponds to the main menu → Page 122)
- Adjust Contrast (corresponds to the main menu → Page 120)
- Adjust Brightness (corresponds to the main menu → Page 120)
- Colour Scheme (corresponds to the main menu → Page 119)
- Night Mode on/off (dimmed displays, corresponds to the main menu → Page 121)

Call Settings

You can activate/deactivate "Easy Answer" here (corresponds to the main menu → Page 124).

Import/Export: Ring tones

Twelve ring tone melodies are saved for your optiPoint WL 2 professional. You can import four additional individual melodies and save them in slots 13-16.

Import/Export: Directory

You can update your directory entries here. Import a directory file from your PC to the "Directory".

Existing entries are overwritten in the process. Use "Export..." to save a backup copy of your directory entries on the PC.

Logout

Select this option to quit the configuration area for your optiPoint WL 2 professional. The home page → Page 132 opens.

 **Always** make sure you close the Web interface by clicking "Logout", as otherwise your handset will remain locked.

Step by Step

Testing the Telephone

Testing the Telephone Functions

You can test your telephone functions.

Precondition: Your telephone is idle.

Press the display key.

Confirm.

Select and confirm.

Enter the code.

If everything is OK,

- all LEDs on the phone flash;
- your station number appears on the screen;
- all pixels in the display are activated;
- the ringer signal sounds.

Checking FCN Programming

You can check the assignment of FCN entries on your optiPoint WL 2 professional to see which entries are programmed with which function.

Press the display key.

Confirm.

Select and confirm.

Enter the code.

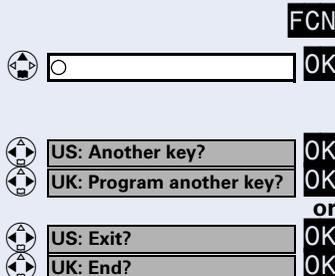
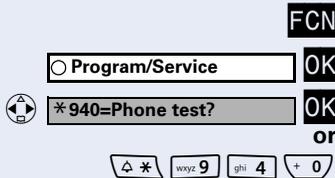
Press the display key.

Select and confirm.

The key assignment appears on the screen.

Select and confirm.

Select and confirm.



Different Displays (HiPath 4000 Environment)

Depending on the system configuration, not all functions may appear on the display exactly as shown in this document.

The following table gives an overview of these functions and shows you under which menus they can be found:

Menu	Function	Description
Destinations?	Forwarding on?	→ Page 32
	Change Speed Dial?	→ Page 50
	Caller list?	→ Page 48
	Ringing group on?	→ Page 107
	UCD?	→ Page 108
Feature Settings?	DND on?	→ Page 84
	US: Join group? UK: Join hunt group?	→ Page 104
	US: Leave group? UK: Leave hunt group?	→ Page 104
	Forwarding on?	→ Page 32
	Ringer cutoff on?	→ Page 84
	HF answerback on?	→ Page 43
	Waiting tone off?	→ Page 61
	Suppress call ID?	→ Page 85
	Advisory msg. on?	→ Page 92
	Use speed dialing?	
Prog. feature key?		→ Page 37
		→ Page 135
PIN / COS?	US: Lock phone? UK: Changeover on?	→ Page 88
	US: Lock all phones? UK: Telephone Lock?	→ Page 89
	Change PIN?	→ Page 90
	US: PIN Code reset? UK: Lock code reset?	→ Page 89
	Temporary Phone?	→ Page 93
	Timed reminder on?	
More features?	DTMF dialing?	→ Page 66
	Speaker call?	→ Page 56
	Retrieve call?	→ Page 62
	Pickup - directed?	→ Page 42
	Account code?	→ Page 83
	Show call charges?	→ Page 81
	Reset services?	→ Page 95
	Trunk flash?	→ Page 68
Temporary MSN?	→ Page 58	
Cancel?		

Depending on the system configuration, some display texts may differ from the display texts described in this document.

Please refer to the following table for an overview of such texts:

HiPath 3000 Display	HiPath 4000 Display	Description
Call wait.term.?	Camp-on termination?	
Call wait.term.off?	Camp-on deact.?	→ Page 61
Caller list?	Call log?	→ Page 48
Change Speed Dial?	Speed dialing?	→ Page 50
Ringer cutoff on?	Ringer on?	→ Page 84
Service?	Program/Service?	
View callbacks?	Display callbacks?	→ Page 36

Documentation

A PDF version of this operating manual is available on the Internet at <http://www.siemens.com/hipath>. A CD-ROM containing HTML and PDF versions is also available (ask your service personnel).

To display and print the PDF manual, you need a computer running Adobe's free Acrobat Reader software. To display the HTML manual, you need a computer and a Web browser, for example, Microsoft Internet Explorer.

Reference Guide

Telephone Maintenance

- Always use a damp or antistatic cloth to clean the telephone. Never use a dry cloth.
- If the handset is heavily soiled, clean it with a diluted surfactant-based neutral cleaner, such as, dishwashing detergent. Afterwards remove all traces of the cleaner with a damp cloth (using water only).
- Do not use alcohol-based or corrosive cleaners or abrasive powders.

Echo Effect

You may hear a very distinct echo during a call. This effect is not caused by a product or design fault in your telephone but rather by the other party's telephone.

Troubleshooting

Pressed key does not respond:

Check whether the key is stuck.

Telephone does not ring:

Check whether the do not disturb function was activated on your telephone ("Do not disturb" appears on the screen). If so, deactivate it → Page 84.

You cannot dial an external number:

Check whether your telephone is locked ("Not authorized" appears on the screen). If so, unlock the telephone → Page 88.

To correct any other problem:

First contact service personnel. If service personnel is unable to correct the problem, contact Customer Service.

Step by Step

Responding to Error Messages on the Screen

Invalid entry**Possible cause:**

The station number is incorrect.

Possible response:

Enter the correct station number.

Not authorized**Possible cause:**

You tried to activate a disabled function.

Possible response:

Ask the service personnel to authorize you to use the function.

Currently not possible**Possible cause:**

The station number you dialed does not exist. The telephone you are trying to call is unplugged.

Possible response:

Enter the correct station number. Try calling the telephone again later on.

Invalid station number**Possible cause:**

You dialed your own station number.

Possible response:

Enter the correct station number.

Key memory is full**Possible cause:**

All memory locations for external station numbers are currently in use.

Possible response:

Try again later on.

Step by Step

Key affects other layer

Possible cause 1:

If "Delete other layer" appears on the menu: you tried to program a function or internal station number with LED on a key that is already programmed on the second layer (for example, external station number).

Possible response:

Confirm "Delete other layer" to program the station number/function.

Possible cause 2:

If "Delete LED support" appears on the menu: you tried to program a station number without LED or an external station number on a key that is already programmed with an internal station number with LED.

Possible response:

Confirm "Delete LED support" to save the station number. The internal station number already programmed remains on the other layer without LED display.

No Access Point

No Server

Possible cause:

You are outside the WLAN access point range.

Possible response:

Scan

Press the display key. The Connect. Assistant starts → Page 130.

Factors influencing standby and talk times

Standby time is the time when the handset is not in use (for example, no calls or other user operation). **Talk time** is the time the handset is used for making calls

Both periods are influenced by the battery charging status and the following factors:

- **Field strength:** The handset's range is heavily influenced by its surroundings and particularly by materials located between the access point and the WLAN phone.
The further away the handset is from the WLAN access point, the shorter the standby and talk times (→ Page 142).
- **Display lighting:** Frequently activating the display for long periods of time reduces standby time.
- **Vibration alarm:** Activating the vibration alarm reduces standby and talk times.
- **Codec:** Power consumption is influenced by the packet length used for voice transmission. In the case of G.711, for example, processing packet lengths of 10 ms requires more power than processing packet lengths of 20 ms.
- **Volume setting:** Je lauter ein Parameter eingestellt ist, desto geringer ist die Standby- und Sprechzeit.
- **Further factors:** Environmental conditions (for example, temperature) also influence standby and talk times.

Contacts in the Event of Problems

If you encounter a problem that lasts longer than five minutes, contact your service personnel.

Technical Data

General Data

WLAN standard	802.11g (fall-back to 802.11b)
Frequency range	2.4 - 2.497 GHz
Dialable channels	13 (ETSI) or 11 (North America)
Range ^[1]	up to 300 m outdoors, up to 30 m indoors
Power supply	3.7-V Li-ion battery
Ambient operating conditions	+5°C to +45°C; 20% to 75% relative humidity
Handset dimensions	132 x 52 x 22 mm (L x W x H)
Handset weight including battery	approximately 110 g

[1] The range is heavily dependent on the environment, especially the materials between the access point and the WLAN phone → Page 141

Operating Times/Charging Times

Standby time	up to 60 hours ^[1]
Talk time	up to 4 hours ^[1]
Charging time	approximately 2 hours ^[1]

[1] Values only guaranteed with recommended batteries

Factory Defaults

These settings are active when you buy your optiPoint WL 2 professional. You can restore the factory defaults → Page 128.

Function	Factory defaults	Page
Battery/key click/confirmation tone	on	→ Page 126
Auto answer	on	→ Page 124
Display language	Country-spec.	→ Page 122
Ring tone: melody/timer	Melody 01/off	→ Page 134
Alarm clock	off	→ Page 79
Local character set	Default	→ Page 24

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Overview of Functions/Codes (Alphabetical)

The table below lists all available functions as they appear on the display. Functions can be activated interactively (select + confirm), via the Program/Service menu (select + confirm or enter a code), or by pressing a saved FCN entry, provided that they have been configured (contact your service personnel).

Functions (display)	... activated interactively 	... activated via the Program/Service menu		FCN entry 
		 Program/Service	Code	
Account code		<input checked="" type="checkbox"/>	*60	X
Advisory msg. on	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*69	X
Advisory msg. off	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#69	X
Associated dial		<input checked="" type="checkbox"/>	*67	X
Associated serv.		<input checked="" type="checkbox"/>	*83	X
Callback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*58	X
View callbacks/Delete	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#58	
Caller list	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#82	X
Save number	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*82	X
Call waiting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*55	X
Waiting tone off	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*87	X
Waiting tone on	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#87	X
Call wait.term.on		<input checked="" type="checkbox"/>	*490	X
Call wait.trm.off		<input checked="" type="checkbox"/>	#490	X
CFSS on		<input checked="" type="checkbox"/>	*9411	
CFSS off		<input checked="" type="checkbox"/>	#9411	
Conference	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*3	X
Start conference	<input checked="" type="checkbox"/>			
Add party	<input checked="" type="checkbox"/>			
End conference	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#3	
View conf parties	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Remove party	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Drop last conf. party (USA only)			*491	

Overview of Functions/Codes (Alphabetical)

Functions (display)	... acti- vated in- ter- actively	... activated via the Program/Service menu		FCN entry
		 Program/Service	Code	 
Consult	✓			
Return to held call	✓	✓	*0	
Quit and return	✓	✓	*0	
Transfer/Accept call	✓			
Control Relay On		✓	*90	X
Control Relay Off		✓	#90	X
Data I/O Service			*494	X
Directory				
1=internal	✓		*54	X
2=LDAP	✓		*54	X
DISA				
Discreet Call			*945	X
DND on	✓	✓	*97	X
DND off	✓	✓	#97	X
Door opener on		✓	*89	X
Door opener off		✓	#89	X
DTMF dialing		✓	*53	X
En-bloc sending				
Dial	✓			
Forwarding on	✓	✓	*1	X
1=all calls	✓	✓	*11	X
2=external calls only	✓	✓	*12	X
3=internal calls only	✓	✓	*13	X
Forwarding off	✓	✓	#1	X
No Reply (CFNR) on	✓	✓	*495	X
No Reply (CFNR) out	✓	✓	#495	X
Trunk FWD on	✓	✓	*64	X
Trunk FWD off	✓	✓	#64	X
Headset				X
Answer call	✓			

Overview of Functions/Codes (Alphabetical)

Functions (display)	... activated inter-actively 	... activated via the Program/Service menu		FCN entry 	
		 FCN	 Program/Service		Code
HF answerback on	✓	✓		*96	X
HF answerback off	✓	✓		#96	X
Hotline					
Join group	✓	✓		*85	X
Leave group	✓	✓		#85	X
Rejoin all groups	✓	✓		*85*	X
Leave all groups	✓	✓		#85#	X
Keypad dialing		✓		*503	
Lock all phones		✓		*943	X
Lock phone	✓	✓		*66	X
Unlock phone	✓	✓		#66	X
Change PIN		✓		*93	
Mobile Logon		✓		*9419	X
Mobile Logoff	✓			#9419	
Night answer on	✓	✓		*44	X
Night answer off	✓	✓		#44	X
Open door		✓		*61	X
Override	✓	✓		*62	X
Page		✓		*45	X
Answer page (not for U.S.)		✓		#45	X
Park a call		✓		*56	X
Retrieve call		✓		#56	
Phone test		✓		*940	
Pickup - directed		✓		*59	X
Pickup - group	✓	✓		*57	X
Accept call	✓				
Prog. feature key		✓		*91	X
Reject call					
Release					X
Reserve trunk	✓				X
Reset services		✓		#0	X

Overview of Functions/Codes (Alphabetical)

Functions (display)	... acti- vated in- ter- actively 	... activated via the Program/Service menu		FCN entry 
		 Program/Service	Code	
Retrieve line		<input checked="" type="checkbox"/>	*63	X
Ringer cutoff on	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*98	X
Ringer cutoff off	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#98	X
Ringling group on		<input checked="" type="checkbox"/>	*81	X
Ringling group off		<input checked="" type="checkbox"/>	#81	X
Room monitor		<input checked="" type="checkbox"/>	*88	X
Saved number redial				X
Select language		<input checked="" type="checkbox"/>	*48	
Send message	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*68	X
View sent message	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#68	X
View messages	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#68	X
Mailbox				X
Shift Key				X
Show call charges (own phone)		<input checked="" type="checkbox"/>	*65	X
View call charges (remote phone)				X
Speaker call		<input checked="" type="checkbox"/>	*80	X
Suppress call ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*86	X
Restore caller ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#86	X
Tel. data service			*42	
Temporary Phone		<input checked="" type="checkbox"/>	*508	X
Temporary MSN (not for U.S.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*41	X
Timed reminder on		<input checked="" type="checkbox"/>	*46	X
Timed reminder off		<input checked="" type="checkbox"/>	#46	X
Toggle/Connect	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*2	X
Trace call		<input checked="" type="checkbox"/>	*84	X
Transfer	<input checked="" type="checkbox"/>			
Trunk flash		<input checked="" type="checkbox"/>	*51	X

Overview of Functions/Codes (Alphabetical)

Functions (display)	... activated inter-actively 	... activated via the Program/Service menu		FCN entry 
		 Program/Service	Code	
UCD				
Log on		✓	*401	X
Log off		✓	#401	X
Available		✓	*402	X
Not available		✓	#402	X
Work on		✓	*403	X
Work off		✓	#403	X
UCD night on		✓	*404	X
UCD night off		✓	#404	X
Calls in queue		✓	*405	X
Use speed dialing		✓	*7	X
Change Speed Dial (station)		✓	*92	X

Main Menu Overview

Although you can always select a function by scrolling to it, it is quicker to open the main menu and enter an appropriate digit combination (or shortcut).

Example: **1** **1** to create a new entry in the directory (→ Page 111).

Press (open the main menu) when the handset is idle.

1	Directory	1	Neuer Eintrag	
		2	<LDAP>	
		3	Entry#1 ^[1]	1 Edit Entry
				2 New Entry
				3 Delete Entry
				4 Record Pattern ^[2]
				5 Play Pattern ^[3]
				6 Delete Pattern ^[3]
				7 Global Patterns ^[4]
				8 Erase list buffer
				9 Available Memory

2	Settings	1	Display	1 Colour Scheme
				2 Contrast
				3 Brightness
				4 Night Mode
				5 Language
		2	Access Profiles	
		3	Easy Answer	
		4	Vibration Alert	
		5	PIN	
		6	Advisory Tones	
		7	Handset Name	
		8	Reset Handset	

3	Status	1	Handset
		2	LDAP

4	Alarm Clock
----------	-------------

5	Connect. Assistant
----------	--------------------

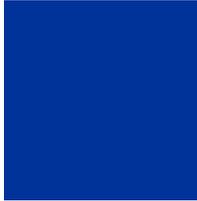
[1] Up to 200 entries are possible

[2] Voice recordings can be saved for up to 30 entries

[3] Only appears if a voice recording already exists

[4] Only appears if a voice recording is already set as the default recording

www.siemens.com/hipath



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