



# OpenStage 20 E SIP, OpenStage 20/20 G SIP OpenScape Voice

## User Guide

A31003-S2030-U109-5-7619

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## Important information

	<p>For safety reasons, the telephone should only be supplied with power:</p> <ul style="list-style-type: none"> <li>• using the original power supply unit. Part number: L30250-F600-C14x (x: 1=EU, 2=US, 3=UK) or</li> <li>• in a LAN with PoE (Power over Ethernet), which complies with the IEEE 802.3af standard.</li> </ul>
	<p>Never open the telephone or a key module. Should you encounter any problems, contact the responsible administrator.</p>
	<p>Use only original accessories. The use of other accessories may be hazardous and will render the warranty, extended manufacturer's liability and the CE marking invalid.</p>

## Trademarks



The compliance of the equipment according to EU directives is confirmed by the CE mark. This Declaration of Conformity and, where applicable, other existing declarations of conformity as well as further information on regulations that restrict the usage of substances or affect the declaration of substances used in products can be found in the Unify Expert WIKI at <http://wiki.unify.com> under the section "Declarations of Conformity".



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.

Proper disposal and separate collection of your old appliance will help prevent potential damage to the environment and human health. It is a prerequisite 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 impose other regulations regarding the disposal of electrical and electronic equipment.

## Location of the telephone

- The telephone should be operated in a controlled environment with an ambient temperature between 5°C and 40°C.
- To ensure good speakerphone quality (OpenStage 20/20 G only), the area in front of the microphone (front right) should be kept clear. The optimum speakerphone distance is 50 cm.
- Do not install the telephone in a room where large quantities of dust accumulate; this can considerably reduce the service life of the telephone.
- Do not expose the telephone to direct sunlight or any other source of heat, as this is liable to damage the electronic components and the plastic casing.
- Do not operate the telephone in damp environments such as bathrooms.

## Product support on the internet

Information and support for our products can be found on the Internet at:

<http://www.unify.com/>.

Technical notes, current information about firmware updates, frequently asked questions and lots more can be found on the Internet at:

<http://wiki.unify.com/>.

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# General information

## About this manual

This document contains general descriptions of the technical options, which may not always be available in individual cases. The respective features must therefore be individually defined in the terms of the contract.

If a particular function on your phone is not available to you, this may be due to one of the following reasons:

- The function is not configured for you or your telephone. Please contact your system support representative.
- Your communications platform does not feature this function. Please contact your sales partner for information on how to upgrade.

This user guide is intended to help you familiarise yourself with OpenStage and all of its functions. It contains important information on the safe and proper operation of your OpenStage phone. These instructions should be strictly complied with to avoid operating errors and ensure optimum use of your multifunctional telephone in the network.

These instructions should be read and followed by every person installing, operating or programming an OpenStage phone.



For your own protection, please read the section dealing with safety in detail. Follow the safety instructions carefully in order to avoid endangering yourself or other persons and to prevent damage to the unit.

This user guide is designed to be simple and easy to understand, providing clear step-by-step instructions for operating your OpenStage phone.

Administrative tasks are dealt with in a separate manual. The Quick Reference Guide contains quick and reliable explanations of frequently used functions.

## Symbols used in the manual

### Settings

Operations and settings that can be made both at the phone and over the WBM interface are indicated by an icon and page reference.



is a reference to an operation or setting performed directly on the phone



is a reference to an operation or setting performed via the WBM interface

## Service



Our service department can only help you if you experience problems or defects with the phone.

Should you have any questions regarding operation, your specialist retailer or network administrator will gladly help you.

For queries regarding connection of the telephone, please contact your network provider.

If you experience problems or defects with the phone, please dial the service number for your country.

## Intended use

The OpenStage phone is a desktop unit designed for voice transmission and for connection to the LAN. It can also be used as a workstation device. Any other use is regarded as unauthorised.

## Telephone type

The phone name data can be found on the name plate on the base of the device; The exact product name and serial number are specified here. Specific details concerning your communications platform can be obtained from your service technician.

Please have this information ready when you contact our service department regarding faults or problems with the product.

## Speakerphone quality and display legibility

- To ensure good speakerphone quality (OpenStage 20/20 G only), the area in front of the telephone (front right) should be kept clear. The optimum distance is approx. 50 cm.
- Proceed as follows to optimise display legibility:
  - Turn the phone to tilt the display. This ensures you have a frontal view of the display while eliminating light reflexes.
  - Adjust the contrast as required → Page 123.



# Getting to know your OpenStage phone

The following sections describe the most frequently used operating elements and the displays on your OpenStage phone.

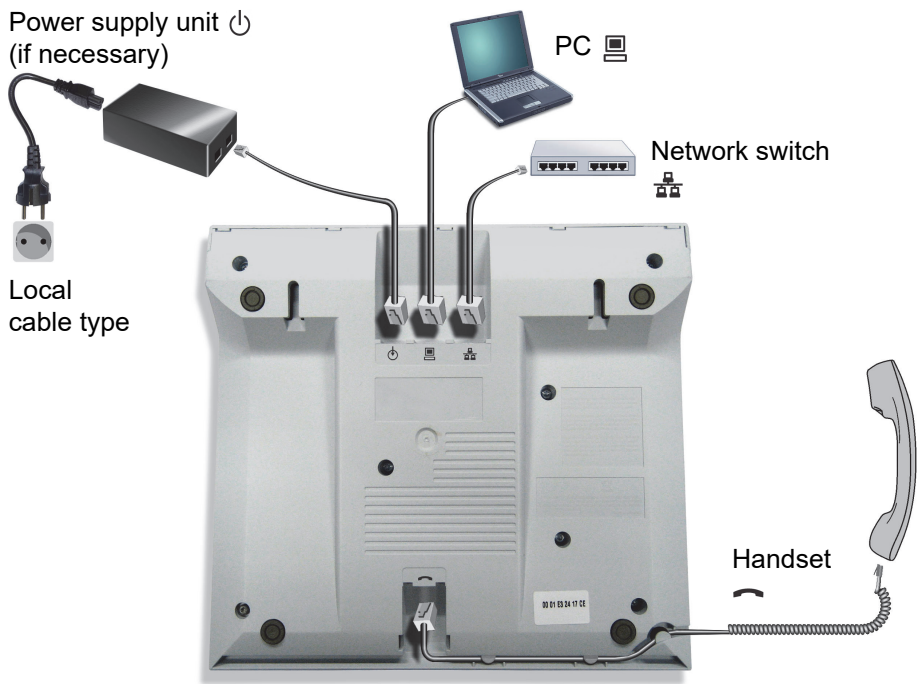
## The user interface of your OpenStage 20 E/20/20 G SIP

➡ OpenStage 20 E and OpenStage 20/20 G are identical apart from the additional speaker-phone mode offered by OpenStage 20/20 G.



1	You can make and receive calls as normal using the <b>handset</b> .
2	The tilt-and-swivel <b>display</b> provides intuitive support for telephone operation (two lines with up to 33 characters each).
3	The <b>function keys</b> allow you to call up the most frequently used functions during a call (e.g. Disconnect) → Page 15.
4	 <b>mailbox key</b> and  <b>menu key</b> .
5	<b>Audio keys</b> are also available, allowing you to optimally configure the audio features on your telephone → Page 15.
6	Using the <b>3-way navigator</b> , you can conveniently navigate through the applications on your telephone → Page 16.
7	The <b>keypad</b> can be used to enter phone numbers and text → Page 16.

Ports on the underside of the phone

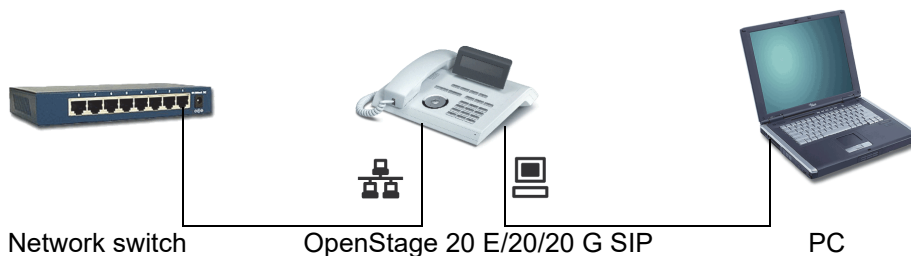


Properties of your OpenStage 20 E/20/20 G SIP

OpenStage	20 E	20	20 G
LCD display, 33 x 2 characters	✓	✓	✓
Full-duplex speakerphone function	-	✓	✓
10/100 Mbps Ethernet switch → Page 14	✓	✓	-
10/100/1000 Mbps Ethernet switch → Page 14	✓	✓	✓
Wall mounting	✓	✓	✓

## Using network ports more efficiently

OpenStage 20 E/20 has a built-in 10/100 Mbps Ethernet switch. The OpenStage 20 G has a 1000 Mbps Ethernet switch. This means that you can also connect a PC with a Gigabit LAN connection to the LAN directly via the phone. The telephone-PC connection option must first be activated on the telephone by administrator.



Using this connection option saves one network port for each switch used and requires fewer or shorter network cables when arranged correctly.

## OpenStage Manager

This program offers you an additional option for tailoring your OpenStage to your personal needs. Further information is available at:

[http://wiki.unify.com/wiki/OpenStage\\_Manager](http://wiki.unify.com/wiki/OpenStage_Manager).

## Features

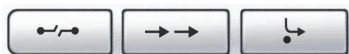
- Phonebook management
- Synchronization of contacts
- Save and restore
- Ringtones






Contact your administrator for the latest version of OpenStage Manager. The range of features is dependent on the type of telephone.



## Keys

### Function keys







Key	Function when key is pressed
	End (disconnect) call
	Saved number redial (last number dialled)
	Button for fixed call forwarding (with red LED key)




Key	Function when key is pressed
	Open the phone's main menu (with red LED key)
	Open the menu for voicemail or missed calls (with red LED key).

### Audio keys









Key	Function when key is pressed
	Activate/deactivate the microphone (OpenStage 20/20 G only; also for speakerphone mode/with red LED)
	Set volume lower and contrast brighter → Page 19
	Turn speaker on/off (with red LED key)
	Set volume louder and contrast darker → Page 19


### 3-way navigator

 Remove the protective film from the ring around the 3-way navigator before using the phone.


With this control, you can manage most of your phone’s functions, as well as its displays.

Operation	Functions when key is pressed
 Press the  key.	In idle mode: <ul style="list-style-type: none"><li>• Open the idle menu → Page 18</li></ul> In lists and menus: <ul style="list-style-type: none"><li>• Scroll down</li></ul>
 Press the  key.	In lists and menus: <ul style="list-style-type: none"><li>• Scroll up</li></ul>
 Press the  key.	<ul style="list-style-type: none"><li>• Confirm input</li><li>• Perform action</li></ul>













### Keypad

You can only use the digits 1 to 9 and 0 as well as the \* and # characters when dialling a number. To delete digits, select the "back" function on the navigator, and confirm with .

In situations where text input is possible, for example, when entering the user password, you can also use the dial keys to enter text in addition to the digits and special characters mentioned. To do this, press the numerical keys repeatedly.




Example: To enter the letter "h", press the number  key on the keypad twice. When entering text, all characters available for the key pressed and the character selected are briefly displayed.

### Character overview (depends on the current language setting)

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x	12x	13x	14x
 <sup>1</sup>	1	<sup>2</sup>	;	=	\$	\	&	[	]	{	}	%		
	a	b	c	2	ä									
	d	e	f	3										
	g	h	i	4										
	j	k	l	5										
	m	n	o	6	ö									
	p	q	r	s	7	ß								
	t	u	v	8	ü									
	w	x	y	z	9									
	0	+												
	.	*	<sup>1</sup>	#	,	?	!	'	"	+	-	(	)	@
	<sup>3</sup>													

1 Additional special characters (not in 123 mode)  
2 Space  
3 Switch between upper and lower-case text and number entry


### Multi-function keys


Key	Function during text input	Function when held down
	Write special characters.	Activate/deactivate ringtone.
	Switch between upper and lower case	Activate the telephone lock.
	Type special characters (not in 123 mode).	

Alphabetic labeling of dial keys is also useful when entering vanity numbers (letters associated with the phone number's digits as indicated on the telephone spell a name, e.g. 0700 - PATTERN = 0700 - 7288376).

### Text editor

Additional options are available in the text editor. This is used when programming a forwarding destination, for example. In this way, you can, for example, move the cursor freely and copy or insert text.

You can select further editor functions via the click wheel, and confirm each one using :



- OK: Applies changes and closes the editor
- Delete: Deletes characters from right to left
- Cancel: Discards changes and exits the editor
- Mode (here  can also be used to switch):
  - 123: Digits only
  - ABC: Upper-case letters only
  - Abc: First letter in upper case, subsequent letters in lower case
  - abc: Lower case letters only
- Move cursor left: Moves the cursor to the left
- Move cursor right: Moves the cursor to the right
- Copy: Copies the entire content to the clipboard
- Paste: Inserts the entire content from the clipboard to the cursor position

## Display

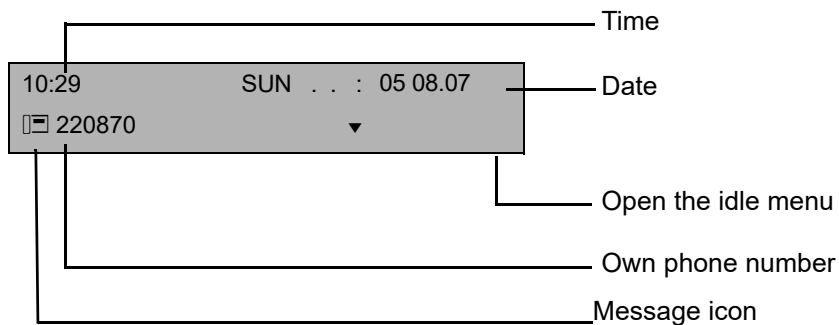
Your OpenStage 20 E/20/20 G SIP comes with a tilt-and-swivel black-and-white LCD display. Adjust the tilt and contrast to suit your needs (→ Page 123).

## Idle mode

If there are no calls taking place or settings being made, your OpenStage 20 E/20/20 G SIP is in idle mode.

➡ Press the  key to return to the idle display again, for example, from a call list (→ Page 21). To return to the idle display again from the Service menu (→ Page 22), press the  key.

Example:



## Idle menu





When in idle mode, press a key on the 3-way navigator → Page 16 to display the idle menu. You can call up various functions here. Entries may vary.

The idle menu may contain the following entries:





- Redial?
- Ringer off?
- Do not disturb on?
- Mobile logon?
- Cancel callbacks?
- Directed pickup
- Back?

### Icons in the idle display



In the first line, the time, weekday, and date are displayed in addition to icons for different situations and switches:




Icon	Explanation
	The ringtone is deactivated.
	The ringtone is set to a beep.
	The phone lock is activated.
	The "Do not disturb" function is activated.

Your attention will be drawn to events in the second line:

Icon	Explanation
	You received new voice messages.
	New entries have been added to the call lists.
	Local call forwarding is active.
	An advisory icon in front of own phone number (replaced, for example, by call forwarding or mobility icon).

### Displays on the status line for adjusting the volume


When you adjust the ringtone, handset and speaker volume using the  and  keys, you will see the following displays in the status line:

Display	Meaning
	Ringtone volume in 10 levels
	Ringtone volume in 10 levels when the ringtone is switched off
	Handset or speaker volume in 10 levels



## Records

Entries in the call lists and messages in your mailbox system (if configured) are known as records.

The LED on the  key flashes to signal new missed calls or messages → Page 15.

Press the  key and use the click wheel to select the required submenu.

- **Voice Mail**
- **Calls**

You can use the click wheel to navigate through the menus as described on → Page 16.

## Messages

If configured (contact the relevant administrator), this provides you with access to your mailbox system e.g. HiPath Xpressions.

If your system is appropriately configured, activating this function opens the menu for voicemail → Page 32.



## Calls

This list appears as soon as you receive **new** missed calls if you select the **Calls** submenu in the **Records** menu. You can then scroll up or down to reach the **Calls** submenu. The following calls or call attempts are logged as call lists:

- Missed: Missed calls
- Dialed: Dialed calls (with or without connection)
- Received: Answered calls
- Forwarded: Forwarded calls

The number of missed calls and unchecked calls is shown on the idle display. Missed calls are not saved and displayed if the call journal is disabled → Page 91.

## Call lists


 The call journal function must be activated in order to display call lists → Page 91. The call journal must also be activated for the customary last number redial function. If the call journal is not activated, you are simply shown the voicemail selection when you press the  key.

Each call list may contain up to 30 entries. Once this limit is reached, the oldest entry in the log is deleted. Multiple calls from the same number are only listed once.

The following data is saved, e.g. for missed calls:

- Phone number/name depending on available data.
- Number of call attempts.
- The time of the last call attempt from each user listed, if made on the current day, otherwise the date of the last call attempt.

The administrator may have made special settings for missed calls. To indicate new missed calls,

- the LED on the  key flashes and you are shown a message on the display,
- or you may simply receive a message on the display.

Missed calls are not signalled if the call journal is disabled → Page 91.

Entries can only be saved if the caller ID is displayed as a name, number or both. If the caller ID is not transferred, the call is saved as "Unknown".

You can delete all the entries from the respective call list → Page 90. After selecting an entry, you can dial it immediately by confirming → Page 75.

## Additional notes on call lists

- Note the setting options for voicemail → Page 32 and have the possible combinations explained to you by administrator if necessary.
- Missed calls are not signalled if the call journal is disabled → Page 91.
- If missed calls for this line were answered by other subscribers, these calls are not included in the "Missed" list or are marked with a checkmark in accordance with the setting in the call logging → Page 92.
- Logging for call forwarding was also changed in the framework of the new call logging. All types of forwarded calls are now only logged under "Forwarded" and no longer as before partly also as "Missed". This is regardless of how the new parameter for missed calls is defined.

## Telephone menu

Press the  key to open the telephone menu. This menu contains the following entries:

- Personal
- Corporate
- Settings
  - User
  - Admin

### Personal

You can create your own local phonebook under Personal containing up to 100 entries → Page 84. The data for a subscriber includes the last name, first name and phone number.

### Corporate

If you have the option of using a corporate directory, you can use this option to find subscribers → Page 87. As a prerequisite for this, your administrator must have set up the appropriate access.

### Settings → User

Setting options are provided here that allow you to adapt the telephone to your individual requirements.

### Settings → Admin

Once the admin password has been entered, this menu is available to the relevant administrator.



## User settings

In the **User** menu, settings options are provided that allow you to adapt the telephone to your individual requirements.


Select one of the following menus with the click wheel:

- "Date and time" → Page 124
- "Audio" → Page 128
- "Configuration" e.g. → Page 94 or → Page 58
- "Phone" → Page 123
- "Locality" → Page 128
- "Security" → Page 95 or → Page 98
- "Network information" → Page 139
- "Diagnostic information" → Page 149
- "Reset" → Page 140

If you are in one of these menus or submenus, depending on the situation, you have the following options to leave the menus:


- **Save & Exit** (If you have made a setting and want to keep it)
- **Exit (Discard Changes)** (If you have made a setting which you do not want to use after all or if you do not want set any of the options)
- **Back** (If you want to leave the main menu or submenu)
- Press and hold the  key to access the option to leave the menu.
- You exit the menu by pressing the  key and return to idle mode → Page 18.

## Interrupting editing in the menu

You can interrupt editing in the menu, for example, to call someone or to answer a call. Then press the  key. This takes you back to the point in the menu from which you exited.

This is however only possible for a limited period which is by administrator using the inactivity timeout setting. If the configured time expires, you need to reenter your password when opening the menu and manually go to the required point in the menu.

Interrupting the editing:

- By pressing the  key you interrupt the editing, leave the menu and return to idle mode → Page 18.
- If you receive a call during editing and you answer it, you automatically change to the call view.

To go back to editing mode in the menu, press the  key again.

## Network information

Information about the IP address or name which was assigned to the phone in the network and therefore the HTML address of the WBM interface.



View information on the phone → Page 139



Contact your administrator or refer to the OpenStage Administration Manual for more on the network information values listed here.

## Diagnostic Information



Provides information on all the main settings for the telephone. Can provide valuable help in support situations → Page 149.



## Perform reset

Personal settings made via the telephone menu or the WBM interface can be reset to factory settings → Page 140.

## Administration

You can access the administration area via the "Admin" function and by entering the administration password.

Refer to the administration manual supplied with your phone for more detailed information on this topic.

## Control and monitoring function


A control or monitoring function can be activated on your phone for service purposes by remote maintenance.

### Control function

The administrator has the option to activate and deactivate features of the phone via remote maintenance. During maintenance the handset, microphone, loudspeaker and headset are deactivated. You are additionally informed on the display that the control function is active.

### Monitoring function


In order to detect malfunctioning of a phone for example, the administrator installs a monitoring function. You can use your phone as normal during monitoring. However you will first be informed about the operation with a message on the display and prompted to allow monitoring.

If administrator has activated a function on your phone, which continuously transmits operating data to a server, you will see the flashing icon  in the upper display line.

### Activating a diagnostic call

In the event of connection problems with a specific destination, the administrator may ask you to enter an activation code before the number of the subscriber, which can be used to initiate tracing of the call data on the phone. The activation code, which must be provided to you by the administrator and which comprises a leading asterisk, followed by three digits and the hash sign as the terminating character, must be entered before the actual phone number. At the end of the call, the call-related data is sent for further analysis to the DLS server, which then passes it to the "OpenScape Voice Trace Manager".

## Basic functions

 Please read carefully the introductory chapter "Getting to know your OpenStage phone" → Page 12 before performing any of the steps described here on your phone.

## Secure voice transmission

**Prerequisite:** The secure voice communication option must be activated by your administrator.

If you call a party or receive a call from a party over a secure connection, a pad-lock icon<sup>1</sup> appears on the other party's row on your graphic display. You can opt to have voice connections that are no longer secure indicated by a brief alerting tone and a window with the message "Unencrypted call" (see → Page 133).

## Emergency mode

If a failover system has been set up for your OpenScape Voice, you can still make calls and use the functions of the failover system, for example, despite network faults.


If it happens that your telephone is no longer connected to OpenScape Voice, it is registered automatically on the configured failover system. The message "Emergency mode (B8)" then appears on the display..


Some functions may not be accessible while in emergency mode, for example:

- Call forwarding (→ Page 43)
- Voicemail (→ Page 32)
- Callback (→ Page 40)
- Group functions (→ Page 31)
- OpenScape Voice functions (→ Page 104) answering a call

The OpenStage phone rings.


If transmitted, calling party information (name, phone number) appears on the display.

 If you have set a pattern melody → Page 129 or a ringtone → Page 129 on your phone, it is possible that the administrator presets a different ringtone or deactivates the ringtone, regardless of the call type (e.g. an external or internal call).

An incoming call will interrupt any ongoing telephone setting operations. When the call ends, you can press the  key to return to the point in the menu structure where you were interrupted.



## Answering a call via the handset

The phone is ringing. The caller is displayed.

 If the phone number is stored in the local telephone, the associated name is shown on the display (must be activated by administrator).

Lift the handset.


1. Closed for secure or open for nonsecure voice communication

if nec.  or 

Set the call volume.

## Answering a call via the loudspeaker (speakerphone mode)

---

 Speakerphone mode is only available in OpenStage 20/20 G.

---

The phone is ringing. The caller is displayed.



Accept? 

Confirm. The  key lights up.

or



Press the key shown. The key lights up. The speakerphone function is activated.

if nec.  or 

Set the call volume.

### Suggestions for using speakerphone mode:

- Tell the other party that speakerphone mode is active.
- Adjust the call volume while speakerphone mode is active.
- The ideal distance between the user and the phone in speakerphone mode is about 50 cm.

## Directed pickup

You can pick up a call signalled at an absent coworker's phone. If a colleague has placed a call on hold on their multi-line phone you can also pick up this call.

## Accept call

**Prerequisite:** You know the coworker's internal phone number and the function is configured for you in OpenScape Voice.

A coworker's phone rings.

Select and confirm the option shown in the idle phone's context menu.

Directed pickup? ▾

or.



Lift the handset.

or



Press the key shown.

Directed pickup? ▾



Enter and confirm the relevant phone's internal number. You are connected to the calling party either via the handset or in speakerphone mode.

## Picking up the held call

**Prerequisite:** Your colleague has placed a call on "hold" on their multi-line phone. You know the coworker's internal phone number and the function is configured for you in OpenScape Voice.

Select and confirm the option shown.

Directed pickup? ▾

or.



Lift the handset.

or



Press the key (only OpenStage 20/20 G).


Directed pickup? ▾




Enter and confirm the relevant phone's internal number. You are connected to your colleague's held call either via the handset or in speakerphone mode.

## Switching from handset to speakerphone mode

---

 Make note of the two different processes and activate, if necessary, your preferred setting → Page 131.

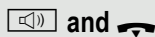
---

 Speakerphone mode is only available in OpenStage 20/20 G.

---

**Prerequisite:** You are conducting a call via the handset and the microphone and loudspeaker functions have been activated by administrator.

### Standard mode



Hold down the key and replace the handset. Then release the key and proceed with your call.

### US mode

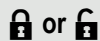
If the country setting is set to US, you do not have to hold down the loudspeaker key when replacing the handset to switch to speakerphone mode.




Press the key shown.



Replace the handset. Proceed with your call.





---

 A secure voice communication is indicated by a closed padlock icon on the graphic display; a nonsecure voice communication is indicated by an open padlock icon on the graphic display (see also → Page 25)

---

## Switching from speakerphone mode to the handset

---

 Speakerphone mode is only available in OpenStage 20/20 G.

---

**Prerequisite:** You are conducting a call in speakerphone mode.

Lift the handset. The  key goes out.

## Open listening

You can let other people in the room join in on the call. Let the other party know that you have turned on the loudspeaker.

**Prerequisite:** You are conducting a call via the handset.

### Activating


Press the key shown.

### Deactivating

Press the lit key.

### Switch to speakerphone mode.

---

 Speakerphone mode is only available in OpenStage 20/20 G.

---

Hold down the key and replace the handset. Then release the key and proceed with your call.

## Activating/deactivating the microphone

To prevent the other party from listening in while you consult with someone in your office, you can temporarily switch off the handset microphone or the hands-free microphone (OpenStage 20/20 G only).

**Prerequisite:** You are conducting a call.

### Deactivating the microphone

Press the key shown. The key lights up.

### Activating the microphone

Press the lit key.

## Ending a call

Press the key shown.

Select and confirm the option shown.

If you are conducting a call via the handset:

Replace the handset.

In speakerphone mode:

Press the lit key.



or

Disconnect?

or



or



## Group call

Your administrator can incorporate multiple telephones in a call pickup group. If your telephone belongs to a pickup group, you can also accept calls intended for other members of the group.

A group call is displayed on the phone. administrator may have made the following settings for signalling:

Telephone status			Ring on group call = Yes	Ring on group call = No
Ringer on	Silent		Ringtone Loudspeaker	Beep Loudspeaker
	in Connection	Handset	Ringtone Loudspeaker	Beep Handset
		Handset Open listening	Beep Handset and loudspeaker	Beep Handset and loudspeaker
		Open listening	Beep Loudspeaker	Beep Loudspeaker
		Speakerphone mode	Beep Loudspeaker	Beep Loudspeaker
Ringer off	Silent		Nothing	Nothing
	in Connection	Handset	Nothing	Beep Handset
		Handset Open listening	Beep Handset and loudspeaker	Beep Handset and loudspeaker
		Open listening	Beep Loudspeaker	Beep Loudspeaker
		Speakerphone mode	Beep Loudspeaker	Beep Loudspeaker

The volume settings can be found from → Page 128.

Further administrator settings for group calls:

- The group call can be picked up both by lifting the handset and via the "Pickup call" menu option.
- The group call be picked up via the "Pickup call" menu option but **not** by just lifting the handset.

A group call is waiting is displayed with

**Pickup:** *Caller*  
**for:** *Station*

### Picking up a group call

The pop-up menu opens:

Confirm.

Lift the handset (only if the appropriate function is set by your administrator).

### Ignoring a group call

Select and confirm the option shown. The phone stops signalling the group call.

Pickup call?



or



Ignore?

## Listening to voicemail

To use this function, you need to have a voice mailbox set up on your communication platform for voicemails (see → Page 21).

The message key  flashes to indicate new messages and the  icon appears on the display. The LED only extinguishes when all new messages have been picked up and there are no missed calls.

### Picking up messages

Press this key when the phone is in idle mode. The menu for data records opens.

Select and confirm to open the menu for voicemail.

If messages are waiting, you will be shown a list with the new messages and the messages you have already listened to, sorted by status. The number of the respective messages is indicated. You can browse the list using the cursor keys.

Confirm the option shown to call the mailbox. Follow the voice instructions. You may need to enter a password.

### Calling the mailbox directly

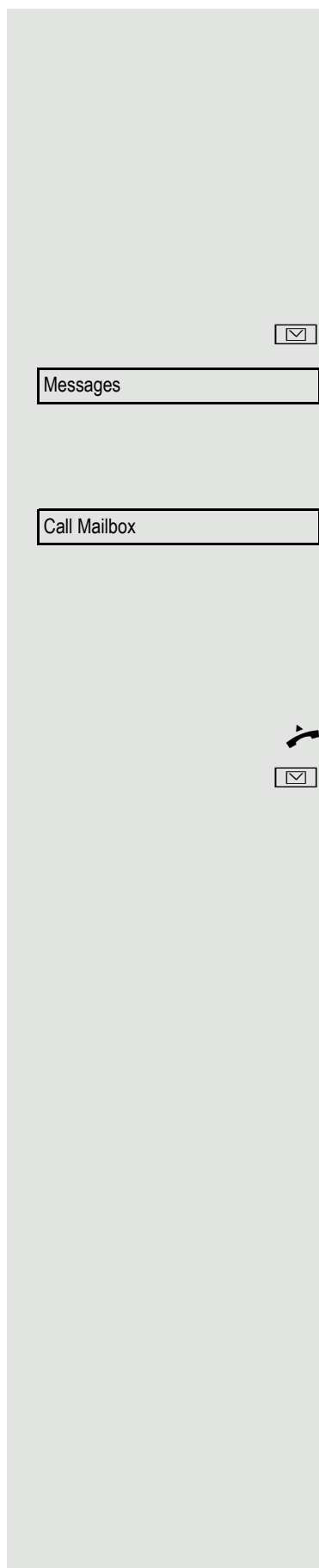
You can also call the mailbox directly without using the menu. The mailbox answers even if there are no messages waiting.

Lift the handset.

Press this key. The mailbox answers. Follow the voice instructions. You may need to enter a password.



You can call the mailbox any time you see the "Please dial" prompt on the display.



## Making calls

➡ If you selected the option "Busy When Dialling" → Page 78, you will not be interrupted by an incoming call. In this case, the caller hears the busy signal.

You can also use enhanced functions, such as call lists or the personal or corporate directory, in order to call a subscriber → Page 84.

## Off-hook dialling

Lift the handset.

Enter the station number.

Confirm or wait until the dial delay expires (see → Page 76).

Confirm<sup>1</sup>. ## represents the last number dialled.

The connection is set up.

➡ If you are using a dial plan and Immediate dialling is set (see → Page 35), dialling is automatically performed as soon as the character string entered matches an entry in the dial plan.

➡ If a connection is temporarily unreachable, you will hear a special information tone (short tone sequence). The fault can be rectified quickly, so try again to dial this phone number after an appropriate time.



Dial

or

Redial {1} ##?

1. Please note the information in relation to the call journal on → Page 36

## On-hook dialling

The connection is set up with on-hook dialling via the loudspeaker (speaker-phone mode; only OpenStage 20/20 G).

Press the key (only OpenStage 20/20 G).

Enter the station number.

Press or wait until the dial delay expires (see → Page 76).

Confirm<sup>1</sup>. ## represents the last number dialled.

### First enter the number

First enter the number. The loudspeaker key illuminates when you enter the first digit.

Enter the station number.

Confirm or wait until the dial delay expires (see → Page 76).

The connection is set up.



If you are using a dial plan and Immediate dialling is set (see → Page 35), dialling is automatically performed as soon as the character string entered matches an entry in the dial plan.



or

Redial {1} ##?



Dial

1. Please note the information in relation to the call journal on → Page 36

## Immediate dialling

Immediate dialling should only be activated if administrator has configured and approved a dial plan.

Immediate dialling is deactivated by default. For this reason after entering the number you must either confirm the "Dial" option or wait until the dial delay expires to set up the connection. If **Immediate dialling** is configured, your call is automatically dialled as soon as the string entered matches an entry in the dial plan.

### Activating or deactivating immediate dialling

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Confirm.

Select and confirm the option shown.

Select and confirm the option shown to activate the immediate dialling function.

Select the option shown and confirm twice.

## Dialling using the hot or warm line function

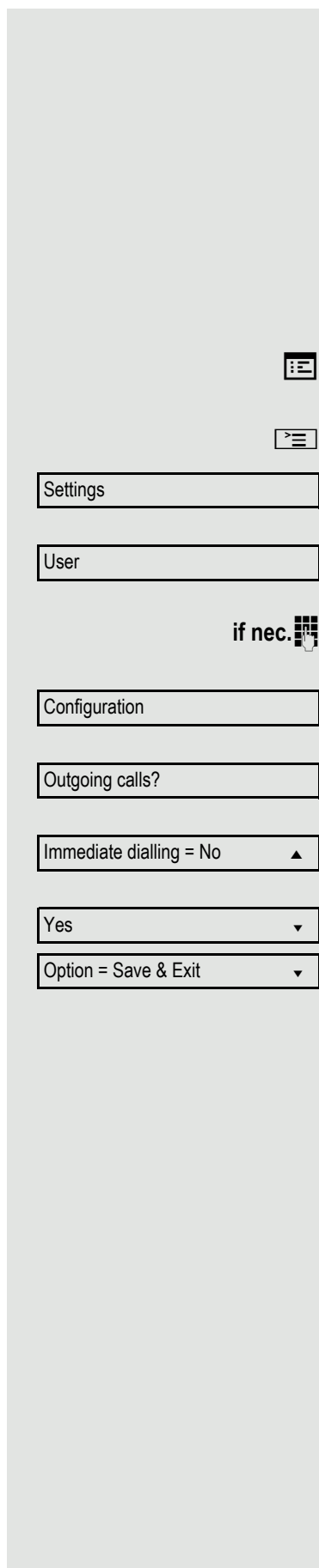
Your administrator can configure a hot or warm line for your phone.

If you lift the handset of the phone or press the loudspeaker key (only OpenStage 20/20 G)



- with a hot line immediately or
- with a warm line after a defined period of time,
- a number specified by administrator is dialled.

Examples:

- The phone in the lift immediately dials the reception number.
- The phone at a patient's bed dials the ward number e.g. after a minute if no other number is dialled.



## Redial

 You must have activated the call journal in order to use the call list. This also applies for redialling the last number dialled → Page 91. If the call journal is disabled, you will be shown the message "Key function unavailable" on the display when you try to execute the last number redial function using the  key.

If you still want to access the function for redialling the last number dialled despite having disabled the call journal, you can alternatively use the OpenScape Voice "last caller redial" function, assuming this function has been activated by the administrator → Page 117.

### Redialling from the call list

Press the key shown.

You are automatically directed to the **Dialled** call list in the **Calls** menu (see → Page 21).

Select and confirm the entry you want.

Confirm. The phone number associated with the list entry is dialled.

### Redialling from the display dialog


Lift the handset.

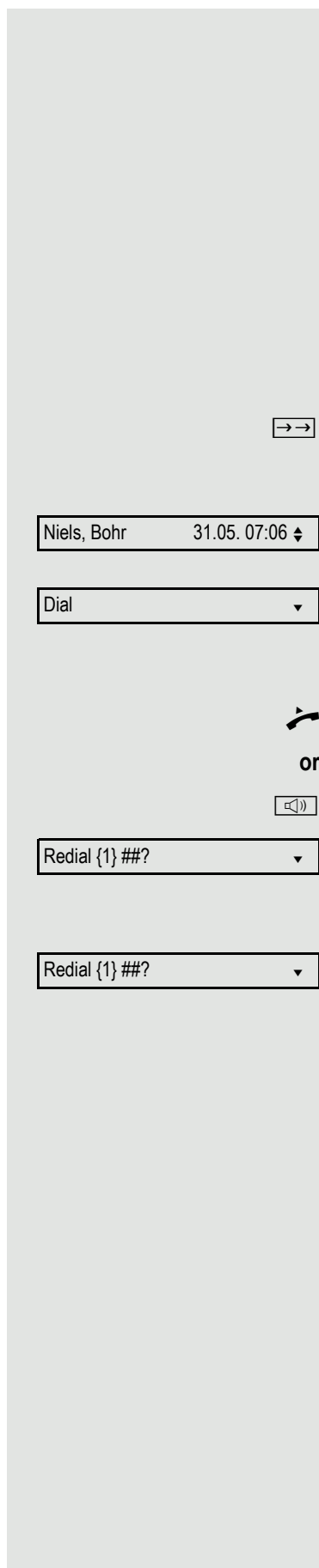
Press the key (only OpenStage 20/20 G).

Confirm. The last phone number entered is dialled.

### Redialling from the idle menu

Select and confirm the option shown. The last phone number entered is dialled.

 A secure voice communication is indicated by a closed padlock icon on the graphic display; a nonsecure voice communication is indicated by an open padlock icon on the graphic display (see also → Page 25)



## Consulting a second party

You can call a second party while a call is in progress. The connection to the first party is placed on hold.

**Prerequisite:** You are conducting a call.

Select and confirm the option shown.

Consult?

or

Start conference



### Start conference

Select and confirm the option shown in the context menu for the call connection when you intend to set up a conference with the new participant.

Enter and confirm the second party's phone number.



If you want to use a **call list** or one of the phonebooks for the consultation call, select **Hold** instead of Consult in the context menu and then open a required call list (→ Page 75) or one of the phonebooks (→ Page 84/→ Page 87).

Alternatively you can also open a call list or phonebook without using the **Consult** or **Hold** functions – the active call is automatically placed on **Hold**.

## Ending a consultation call

### You end the consultation

Select and confirm the option shown.

The consultation call is disconnected. The call with the first party is resumed.

### The second party hangs up

If the second call partner hangs up, you will be prompted to retrieve the first call again, if "Hold and hang-up" is disabled (→ Page 63). Otherwise, the first call will remain on hold until you receive this prompt after a defined time interval. You can however retrieve the call via the context menu before the defined time expires.

Confirm the option shown. You are reconnected with the first party.

## Switching to the held party (alternating)

**Prerequisite:** You are conducting a consultation call.

Select and confirm the option shown.

In the first display line, the phone number or name and the duration of the active connection are displayed.



You can switch back and forth between two subscribers by repeatedly selecting and confirming "Alternate".

### Ending an alternate operation

Select and confirm the option shown.

The active call is disconnected and the held call is restored.

Disconnect & return?



Retrieve held call

Alternate?



Disconnect & return?



## Connecting parties

You can connect the first party with the party you consulted, clearing down your connection to both parties in the process.

**Prerequisite:** You are conducting a consultation call → Page 37 and call joining is allowed → Page 39.

Select and confirm the option shown.  
The active and held calls are joined. You are disconnected from the call.

## Connect by hanging up

Replace the handset or, if you are in speakerphone mode (OpenStage 20/20 G only), press the loudspeaker key. The other two parties are now connected to one another.

## Allowing call joining

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the User password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.

Complete Xfer?

or



or



Settings

User

if nec.



Configuration

Connected calls?

Allow call joining = Yes

Yes

Option = Save & Exit

## Callback

You can request a callback if the station called is busy or if nobody answers. You receive the callback as soon as the other party's line becomes free.



This option is only available if both you and your administrator have activated the function (→ Page 41).

## Requesting callback

**Prerequisite:** The station called is busy or nobody answers.

Select and confirm the option shown.

## Deleting callback requests

You can delete scheduled callback requests if you no longer need to return a call, for example at the end of the working day.

**Prerequisite:** At least one callback was requested. The phone is idle.

Select and confirm the option shown.

**All** callback requests are deleted.

Call back? ▲

Cancel call backs? ▼

## Responding to a callback

**Prerequisite:** A callback was requested. Your phone rings and the station information appears on the screen.

### Accepting a callback

Select and confirm the option shown.

### Rejecting a callback

**Prerequisite:** The Reject function has been activated by administrator.

Select and confirm the option shown.

The callback request is deleted. The caller's phone number is added to the missed calls list.

## Permitting a callback

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm the option shown.

Enter and confirm the user password.

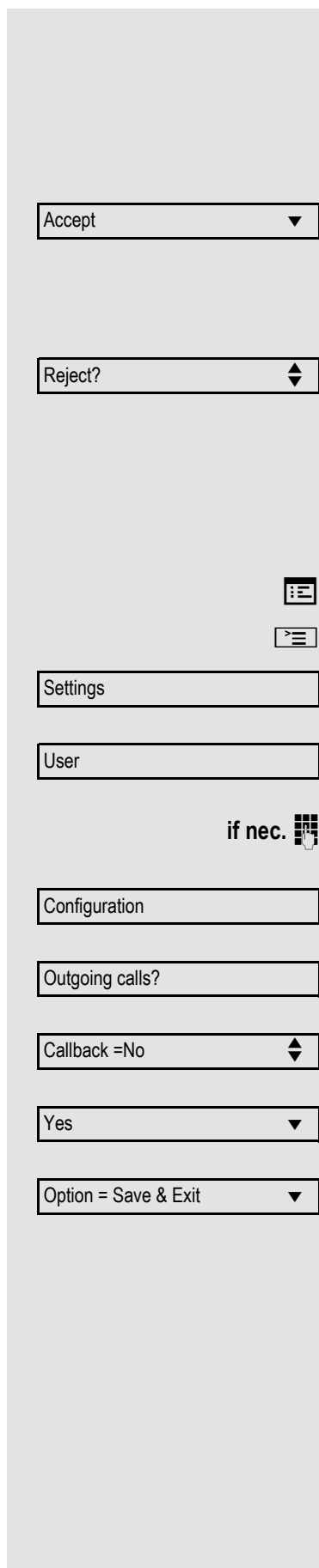
Select and confirm the option shown.

Confirm the option shown.


Select and confirm the option shown.

Select and confirm to activate the callback function.

Select the option shown and confirm twice.



## Calling back missed calls

Calls received while you are absent are indicated by a message on the idle display (→ Page 19). The  function key also illuminates if administrator has set the option to do this.

Missed calls are logged in the missed calls list. This list provides information on the missed call and lets you call back the number directly (call lists → Page 21). Missed calls are not saved and displayed if the call journal is disabled → Page 91.



Calls ▲

Missed ▼

Niels, Bohr 30.05 07:06am ▲

Dial ▼

Press the key shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the entry you want.

Confirm the option shown.

The phone number associated with the entry is dialled.

## Call forwarding

Depending on the settings made by administrator, standard call forwarding is configured for the phone or alternatively call forwarding depending on incoming call type that is supported by OpenScape Voice → Page 50.

### Standard call forwarding

You can forward calls for your phone to another phone. You can also change, activate, and deactivate call forwarding during a call. The function **Forwarding** must be authorised by administrator.

Three forwarding conditions can be programmed in the forwarding menu:

- Unconditional
- Busy
- On no reply

Because of its direct impact, "Unconditional" call forwarding has the highest priority followed by "No reply" and "Busy".

If active, "Unconditional" call forwarding is indicated on the graphic display when the phone is idle. The Forwarding key also lights up.

Forwarded calls can be logged in a call list (see → Page 21).

The menu **Forwarding** offers you three types of call forwarding:

- ☐ Unconditional Destination phone number
- ☐ Busy Destination phone number
- ☐ No reply ({1}s) Destination phone number

A phone number may already be assigned to each call forwarding type. For example, one Destination could be Destination 12345.

## Using call forwarding

The following functions are available for activating and deactivating call forwarding and configuring it in advance in accordance with your requirements:

- "Activate or deactivate immediate call forwarding" → Page 44
- "Saving destination phone numbers for call forwarding" → Page 45
- "Edit favourites" → Page 45
- "Copy and insert destination phone numbers" → Page 46
- "Assign a destination phone number for call forwarding" → Page 47
- "Activate/deactivate call forwarding" → Page 48
- "Defining the ring duration before call forwarding on no reply" → Page 49

## Activate or deactivate immediate call forwarding



Press the key shown.

### Deactivating call forwarding

If call forwarding was activated for **Unconditional**, it will now be automatically deactivated.

or

### Activate call forwarding to last destination.


The pop-up menu opens:

The message:

"**Set forward on to**" is displayed with the number of the last forwarding destination and you have the following options:

- Accept
- Set a forwarding destination
- Edit call forwarding
- Cancel

### Use last forwarding destination

Select and confirm within three seconds to reuse the last saved forwarding destination for Unconditional. Call forwarding to this destination is immediately activated for Unconditional and the  key illuminates.

or

### Activating with variable destination phone numbers

If you want to use a new forwarding destination:

Select and confirm within three seconds.


Accept? ▾

Set a forwarding destination ▲




or

Confirm the last destination phone number saved (it will be displayed).

Call forwarding to this destination is immediately activated for Unconditional calls and the  key illuminates.

## Saving destination phone numbers for call forwarding

 You can also enter the call forwarding settings via the user menu (→ Page 59) or via the WBM interface → Page 151.

Press the key shown.

The pop-up menu opens:

The message


"**Set forward on to**" is displayed with the number of the last forwarding destination and you have the following options:

- Accept
- Set a forwarding destination
- Edit call forwarding
- Cancel

Select and confirm within three seconds.

Three types of call forwarding are offered in the settings menu:

- Unconditional
- Busy
- No reply ({1}s)

 You can check whether **Busy** or **No reply ({1}s)** call forwarding is activated.

### Save destination phone number

Select and confirm type of forwarding (here for instance Unconditional)

Select and confirm the option shown.

Enter/edit and confirm the destination phone number.

### Edit favourites

You can configure up to five destination phone numbers for call forwarding. These destination phone numbers can then be assigned different forwarding conditions.

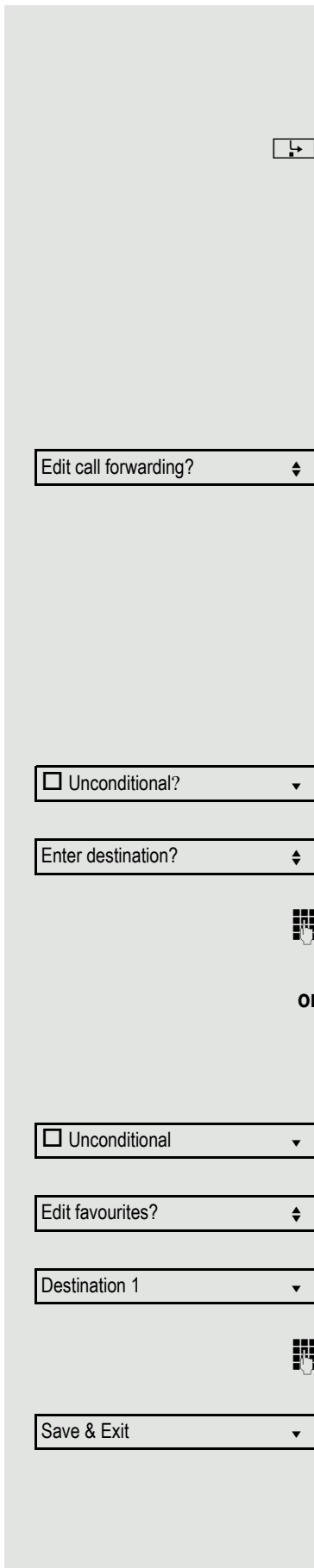
Select and confirm type of forwarding (here for instance Unconditional)

Select and confirm the option shown.

E.g. select and confirm first destination.

Enter/edit and confirm the destination phone number.  
If necessary, define additional destination phone numbers.

Select and confirm the option shown



The screenshot shows a vertical menu with the following elements from top to bottom:

- A small icon of a phone handset with a right-pointing arrow.
- A button labeled "Edit call forwarding?" with a downward arrow.
- A dropdown menu showing "Unconditional?".
- A button labeled "Enter destination?" with a downward arrow.
- A small icon of a keypad.
- The word "or" in bold.
- A dropdown menu showing "Unconditional".
- A button labeled "Edit favourites?" with a downward arrow.
- A dropdown menu showing "Destination 1".
- A small icon of a keypad.
- A button labeled "Save & Exit" with a downward arrow.

## Copy and insert destination phone numbers

The current destination phone number for a call forwarding type is copied. For example, the current destination phone number for All calls should also become the current destination phone number for No reply.

Press the key shown.

The pop-up menu opens:

Select and confirm within three seconds.

Three types of call forwarding are offered in the settings menu:

- Unconditional
- Busy
- No reply

### 1. Copy

Select and confirm type of forwarding (here for instance Unconditional)

Select and confirm the option shown.

### 2. Insert

Select and confirm type of destination forwarding (here for instance No reply ({1}s))

Select and confirm the option shown.

Both types of call forwarding now have the same destination phone number. The call forwarding type No reply ({1}s) is automatically activated.

☐ Unconditional: 3339  
 Copy?  
☐ No reply  
 Paste?  
☒ No reply ({1}s): 3339

## Assign a destination phone number for call forwarding

**Prerequisite:** At least one destination phone number has already been saved.

Press the key shown.

The pop-up menu opens:

The message

"**Set forward on to**" is displayed with the last forwarding destination used and you are offered the following options:


- Accept
- Set a forwarding destination
- Edit call forwarding
- Cancel

Select and confirm within three seconds.


Select and confirm type of forwarding (here for instance Unconditional)


Select and confirm a saved destination.

The forwarding type is activated and the new destination is displayed.


Press the illuminated key to open the call display. If All calls was activated, the forwarding destination is displayed with the forwarding symbol and the  key illuminates. The Busy and No reply ({1}s) types of call forwarding are not displayed.



Edit call forwarding? 

☐ Unconditional: 3339 

3336 

☒ Unconditional: 3336 



## Activate/deactivate call forwarding

**Prerequisite:** A forwarding destination is already configured for the relevant forwarding type.

Press the key shown.

The pop-up menu opens:

The message

"**Set forward on to**" is displayed with the number of the last forwarding destination and you have the following options:

- Accept
- Set a forwarding destination
- Edit call forwarding
- Cancel

Select and confirm within three seconds.

Choose one of the forwarding types offered


- ☐ Unconditional: 3339 (default setting is off)
- ☐ Busy: 3335
- ☐ No reply ({1}s): 3336

and confirm your selection. For example here Unconditional.


Select and confirm the option shown. Call forwarding is activated. This type of call forwarding is deactivated with **Turn off**.


Call forwarding settings can appear as follows:

- ☐ Unconditional: 3339 (default setting is off)
- ☒ Busy: 3335
- ☒ No reply ({1}s): 3336

Press the illuminated key to open the call display. If **Unconditional** was activated, the forwarding destination is displayed with the forwarding symbol and the  key illuminates. The Busy and No reply ({1}s) types of call forwarding are not displayed.



Edit call forwarding? 

☐ Unconditional: 3339 

Turn on: 



## Defining the ring duration before call forwarding on no reply

You can define how often the phone should ring before the "No reply" call forwarding is activated.



This setting is only available if the "Server features" function was deactivated by the administrator.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm within three seconds.

Select and confirm the type of call forwarding.

Select and confirm the option shown.

Enter the desired time in seconds and confirm your entry. The set time is displayed with the option. Call forwarding is activated.

Press the illuminated key to open the call display.



Edit call forwarding



☐ No reply ({1}s): 3335




Set delay



## Call forwarding by call type

If server features has been enabled by administrator and the **Ext/int forwarding** function is activated, call forwarding by call type functionality will be available to you. Forwarding in this case is dependent on the forwarding type and additionally on the call type. The menu layout therefore deviates from that for standard forwarding → Page 43. You can also change, activate, and deactivate call forwarding during a call.

## Forwarding menu

The Forwarding menu is opened either using the  key or via the user menu (→ Page 59) and contains the three forwarding types:

- Unconditional
- Busy
- No reply

Because of its direct impact, "**Unconditional**" call forwarding has the highest priority followed by "**No reply**" and "**Busy**".

If active, "**Unconditional**" call forwarding is indicated on the display when the phone is idle. Forwarded calls are logged in a call list if allowed (see → Page 21).

The three forwarding types are each assigned three call types in the **Forwarding** menu:

### Unconditional

- Any call
- External
- Internal

### Busy

- Any call
- External
- Internal

### No reply

- Any call
- External
- Internal

## Using call forwarding

The following functions are available for activating and deactivating call forwarding and configuring it in advance in accordance with your requirements:

- Activating or deactivating immediate call forwarding (🔗 Page 51)
- Saving destination phone numbers for call forwarding (🔗 Page 52)
- Preconfiguring or changing destination phone numbers (🔗 Page 54)
- Copying and pasting destination phone numbers (🔗 Page 54)
- Assigning a destination phone number to a call type (🔗 Page 55)
- Activating/deactivating call forwarding (🔗 Page 56)

## Activating or deactivating immediate call forwarding

You can also configure the settings for call forwarding via the user menu (→ Page 59). It is recommended to use the call forwarding key however so that you can use the following enhanced functions.



Press the key shown.

### Deactivating call forwarding

If call forwarding was activated for **Unconditional**, it is now automatically deactivated.

or

### Activating forwarding to last destination

The pop-up menu opens. The message

**"Set forward on to"** is displayed with the last forwarding destination used and you are offered the following additional options:

- Accept
- Set a forwarding destination
- Edit call forwarding
- Cancel

Accept?



### Using last forwarding destination

Select and confirm within three seconds to reuse the last saved forwarding destination for **Unconditional**. Call forwarding to this destination is immediately activated for **Any call** and the key illuminates.

If you do not confirm **Accept** immediately, call forwarding is activated automatically after a short time.

or

### Activating with variable destination phone numbers

If you want to use a new forwarding destination:

Set a forwarding destination



Select and confirm within three seconds.




Enter and confirm the new destination phone number.

or

Confirm the last destination phone number saved (it will be displayed).

Call forwarding to the defined destination is immediately activated for **Unconditional** and **Any call** and the key illuminates.

## Saving destination phone numbers for call forwarding

 You can alternatively enter the call forwarding settings via the user menu (→ Page 59) or also using the WBM interface → Page 151.



Press the key shown.

The pop-up menu opens. The message

**"Set forward on to"** is displayed with the last forwarding destination used and you are offered the following options:

- Accept
- Set a forwarding destination
- Edit call forwarding
- Cancel

Select and confirm within three seconds.

You are then offered three forwarding types in the Settings menu with three call types each and with frequently used destination numbers preassigned by default:

- Unconditional
  - Any call
  - External
  - Internal
- Busy
  - Any call
  - External
  - Internal
- No reply
  - Any call
  - External
  - Internal
- Edit favourites

Edit call forwarding?





The image shows a vertical grey bar representing a device's call forwarding configuration interface. It contains several interactive elements: a dropdown menu with 'Unconditional?' selected, a checkbox labeled 'All calls?' followed by a dropdown arrow, the word 'or' in a smaller font, another checkbox labeled 'External' followed by a double-headed arrow, the word 'or' in a smaller font, a checkbox labeled 'Internal' followed by a double-headed arrow, a dropdown menu with 'Enter destination?' selected, a small grid icon with a hand cursor, and a small icon with a right arrow and three horizontal lines.

**Saving a destination phone number**

Select and confirm the forwarding type (here for instance Unconditional).

Select and confirm the call type shown.

Select and confirm the call type shown.

Select and confirm the call type shown.

Select and confirm the option shown.

Enter/edit and confirm the destination phone number.

You can now select another call type additionally and enter a destination phone number. If you assign destination phone numbers for **External** and **Internal** for example, both external and internal calls will be forwarded to the respective destinations.

If the destination phone numbers for **Any call** are assigned or changed, this call forwarding has priority and both external and internal calls are forwarded to this destination phone number.

Press the illuminated key to open the call view. Call forwarding for the selected call type is activated.

## Preconfiguring or changing destination phone numbers

You can preconfigure up to five destination phone numbers for call forwarding. These destination phone numbers can then be assigned to the different call types.

Press the key shown.

Select and confirm within three seconds.

Select and confirm the option shown.

For instance, select and confirm the first destination.

Enter/edit and confirm the destination phone number.  
If necessary, define additional destination phone numbers.

Select and confirm the option shown.

Press the illuminated key to open the call view.

## Copying and pasting destination phone numbers

The current destination phone number for a call type is copied. For example, the current destination phone number for All calls should also become the current destination phone number for **Internal**.

Press the key shown.

Select and confirm within three seconds.

The three forwarding types and associated call types are offered to you in the Settings menu:

- Unconditional
  - Any call
  - External
  - Internal
- Busy
  - Any call
  - External
  - Internal
- No reply
  - Any call
  - External
  - Internal

### 1. Copy

Select and confirm the forwarding type (here for instance Unconditional).

Select and confirm the call type (here for instance Any call).

Select and confirm the option shown.

☐ External

Paste?

☒ External: 3339

Busy?

☐ Internal

Paste?

☒ Internal: 3339

>≡

<≡

Edit call forwarding?

Unconditional

☐ Internal

3336

☐ Internal: 3336

>≡

## 2. Paste to a call type of the same forwarding type

Select and confirm the destination call type (here for instance External).

Select and confirm the option shown.

Both call types now have the same destination phone number. The call type External is activated automatically.

## 3. Paste to a call type of a different forwarding type

Select and confirm the forwarding type (here for instance Busy).

Select and confirm the destination call type (here for instance Internal).

Select and confirm the option shown.

Both call types now have the same destination phone number. The call type Internal for Busy is activated automatically.

Press the illuminated key to open the call view.

## Assigning a destination phone number to a call type

**Prerequisite:** At least one destination phone number has already been saved.

Press the key shown.

Select and confirm within three seconds.

Select and confirm the forwarding type (here for instance Unconditional).

Select and confirm the destination call type (here for instance Internal).

Select and confirm a previously saved destination.

The forwarding type is activated and the new destination is displayed.

Press the illuminated key to open the call view.

## Activating/deactivating call forwarding

**Prerequisite:** One or more forwarding destinations are already configured for the relevant call type(s).

Press the key shown.

The pop-up menu opens. The message

"**Set forward on to**" is displayed with the last forwarding destination used and you are offered the following options:

- Accept
- Set a forwarding destination
- Edit call forwarding
- Cancel

Select and confirm within three seconds.

The list of forwarding types is displayed:

- Unconditional
- Busy
- No reply

Select and confirm the option shown (e.g. **Unconditional**).

Choose one of the call types offered

- ☐ Any call 3339 (default setting is off)
- ☐ External 3335
- ☐ Internal 3336

and confirm your selection, for instance **External**.

Select and confirm the option shown. The forwarding type is activated. You can deactivate this forwarding type with **Turn off**.


You can also activate all three call types. The call type **Any call** has priority in this case and all calls are forwarded to the defined destination phone number. Call forwarding for the call types **External** and **Internal** can be activated at the same time. **INT/EXT** is then shown on the display for the forwarding type **Unconditional**.

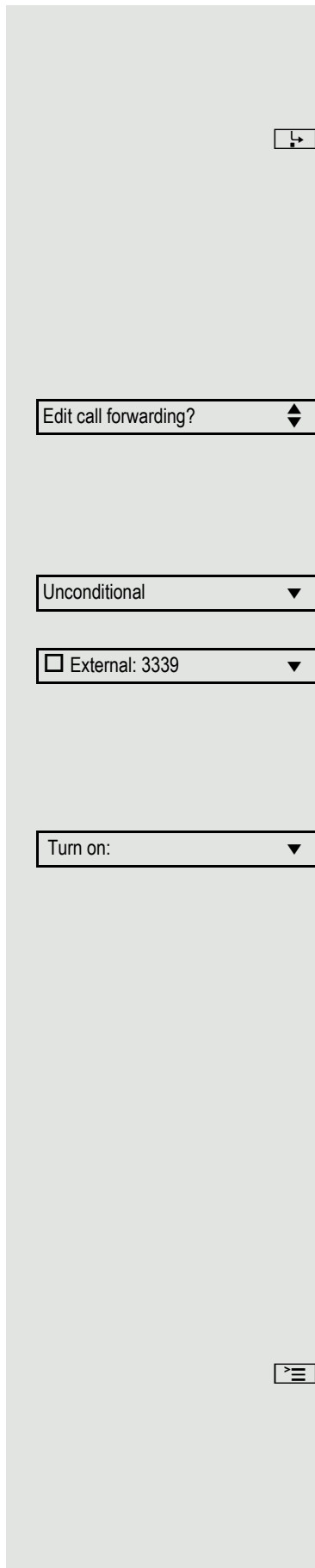
The call forwarding settings can appear as follows:

- ☐ Any call: 3339 (default setting is off)
- ☒ External: 3335
- ☒ Internal: 3336



All call types are deactivated automatically for the forwarding type **Unconditional**. Previously activated call forwarding for all call types remains activated with the forwarding types **Busy** and **No reply** until deactivated manually by you. Activated call forwarding for **Busy** and **No reply** is indicated in the list by the call forwarding icon.

Press the illuminated key to open the call view. If you selected the forwarding type **Unconditional** and activated a call type here, the call type is shown on the display with the call forwarding icon and the  key illuminates. Nothing is shown on the display for the forwarding types **Busy** and **No reply**.



## Call forwarding chain

Sometimes calls to a station are forwarded to another station that also has call forwarding or DND activated. This can create a call forwarding chain consisting of several telephones where the last member of the chain is your phone.

A popup window opens on your phone's display with the following information:

- Who is calling
- Who forwarded first or last
- The reason for the forwarding is displayed by an icon.

You can set whether the station that forwarded first or last is displayed (see → Page 60).

## Enhanced phone functions

### Incoming calls

#### Deflecting a call

##### Using call deflection

**Prerequisite:** An incoming call is displayed or signalled. "Deflect" must be allowed.

Select and confirm the option shown.

If a destination phone number is stored (→ Page 58), you can select and confirm it. The call is deflected.

If you did not set a phone number when programming call deflection, you are now prompted to enter a destination phone number for call deflection.

Enter and confirm the destination phone number. The call is deflected.

##### Permitting call deflection

You can also configure this setting via the WBM interface → Page 151. "Deflect" must be authorised by administrator.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Confirm.

Select and confirm the option shown.

Enter and confirm the phone number to which the station should be deflected.

The screenshot shows a vertical menu of options on a light gray background. At the top is a button labeled 'Deflect?' with an upward arrow. Below it is a text field containing '089008844' with a downward arrow. A separator line with the word 'or' and a small keypad icon follows. Below that is a button with a list icon. Another separator line with a right-pointing arrow icon follows. The main menu items are: 'Settings', 'User', 'Configuration', 'Incoming calls', 'Deflecting?', 'Allow deflection = No' (with a double arrow icon), 'Yes' (with a downward arrow), and 'Default destination =' (with a double arrow). At the bottom is a small keypad icon.

Option = Save & Exit

Reject?



Settings

User

if nec.

Configuration

Incoming calls

Forwarding?

Settings?



Entering a destination phone number is not mandatory when call deflection is active. If you want to deflect an incoming call, you are prompted to enter a destination phone number if there is none stored.

Select the option shown and confirm twice.

## Rejecting a call

You can reject an incoming call.

**Prerequisite:** An incoming call is displayed or signalled. "Reject" must be authorised by administrator.

Select and confirm the option shown.  
The caller hears a busy signal.



If the rejected caller's phone number is transmitted, it is saved in the call list. You can then call this party back at a later time.

## Configuring call forwarding



You can also enter the call forwarding settings via the Forwarding key (→ Page 45).

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Configuring forwarding

Select and confirm the option shown.

For a description of the settings, refer to section "Standard call forwarding" → Page 43 or "Call forwarding by call type" → Page 50.

## Setting alerts

Use the Call forward alerts menu to enable and disable visual and audible alerts for call forwarding (not possible with the Forwarding key).

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Select and confirm the option shown.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

"Select "Yes" or "No" and confirm.

or.

Select and confirm the option shown.

Select and confirm "Yes" or "No".

or.

Select and confirm the option shown.

Select and confirm "display first" or "display last."

Select the option shown and confirm twice.

The screenshot shows a vertical menu of settings options on a light gray background. At the top, there are two small icons: a grid icon and a right-pointing arrow icon. Below these are several menu items, each in a rectangular box. The items are: 'Settings', 'User', 'if nec.' (with a small grid icon to its right), 'Configuration', 'Incoming calls', 'Forwarding?', 'Alerts', 'Visual alerts =No' (with a double-headed vertical arrow icon to its right), 'Yes' (with a downward-pointing triangle icon to its right), 'or.', 'Visual alerts= No' (with a double-headed vertical arrow icon to its right), 'Yes' (with a downward-pointing triangle icon to its right), 'or.', 'Forwarding Party' (with an upward-pointing triangle icon to its right), 'Display last' (with a double-headed vertical arrow icon to its right), and 'Option = Save & Exit' (with a downward-pointing triangle icon to its right).

Hold ?

Reconnect ?

Retrieve held call ?

or

Disconnect ?

## Placing a call on hold

You can use this function to place an ongoing call on hold, for instance, to prevent the other party overhearing a conversation with a colleague in the same room.

**Prerequisite:** You are conducting a call.

Select and confirm the option shown.



If you do not retrieve the held call after a defined time interval, a reminder beep sounds three times and a prompt to retrieve the call or disconnect appears on the display. The settings for this can be found on → Page 62 and → Page 62.

## Retrieving a held call

Select and confirm the option shown.

### Held call wait status

After placing a call on hold, you can replace the handset and then decide whether to retrieve the call or disconnect.

**Prerequisite:** You placed a call on hold and replaced the **handset** or (only OpenStage 20/20 G) pressed the loudspeaker key in speakerphone mode.

A recall follows immediately and a pop-up menu appears on the display:

Select and confirm the option shown to resume the call in speakerphone mode.

Select and confirm the option shown to disconnect the call.



If you enabled "Hold and hang-up" (→ Page 63), the call is placed on hold for a defined time interval (→ Page 62) before the prompt is displayed with a recall to retrieve the call or disconnect.

### Activating/deactivating the hold reminder tone

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.

### Setting the hold reminder time

Use the "Hold reminder" function to set the time after which you want to receive an automatic reminder about a held call.

The minimum value is 3, that is, the reminder is output after three minutes. The maximum value is 15 minutes.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Enter a value between 3 and 15 in the input mask and confirm.

Select the option shown and confirm twice.

The screenshot shows the WBM interface for configuring the hold reminder tone. The interface is divided into two main sections. The top section shows the 'Settings' menu, followed by the 'User' field, and then the 'Configuration' menu. The 'Configuration' menu is expanded, showing 'Connected calls?' and 'Allow hold rem. = No'. The 'Allow hold rem. = No' option is selected, and the 'Yes' option is confirmed. The 'Option = Save & Exit' option is selected and confirmed twice. The bottom section shows the 'Settings' menu, followed by the 'User' field, and then the 'Configuration' menu. The 'Configuration' menu is expanded, showing 'Connected calls?' and 'Hold rem. delay=3'. The 'Hold rem. delay=3' option is selected, and the value '3' is entered in the input mask. The 'Option = Save & Exit' option is selected and confirmed twice.

### Activating/deactivating Hold and hang-up

This function works in the following call scenarios:

- You have placed a call manually on hold and hang up.
- You accepted a second call, and you or the second participant hang up.

You can use "hold and hang up" to determine whether you will be prompted immediately or after a defined time to retrieve the held call.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

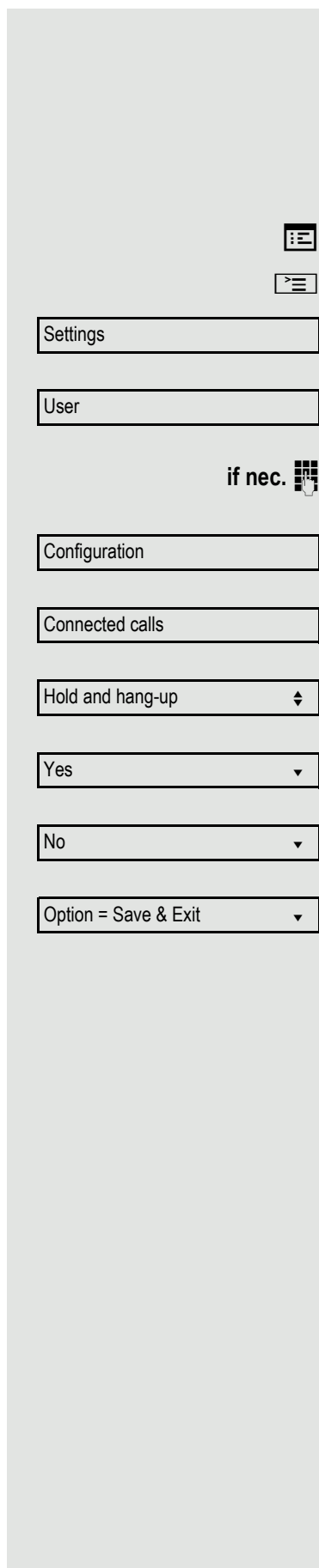
Select and confirm the option shown.

Select and confirm the option shown.

In the context menu select and confirm the option shown to activate the function or

Select and confirm the option shown to deactivate the function again. The function is always deactivated by default.

Select and confirm the option shown.



The screenshot shows a vertical menu on the left with the following items: Settings, User, Configuration, Connected calls, Hold and hang-up, Yes, No, and Option = Save & Exit. The 'Hold and hang-up' item is selected, and a context menu is displayed on the right with the following options: if nec., Configuration, Connected calls, Hold and hang-up, Yes, No, and Option = Save & Exit. The 'Yes' option is selected in the context menu.

### Music on hold

If the Music on hold option is active, music is played back when you are placed on hold by another party.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

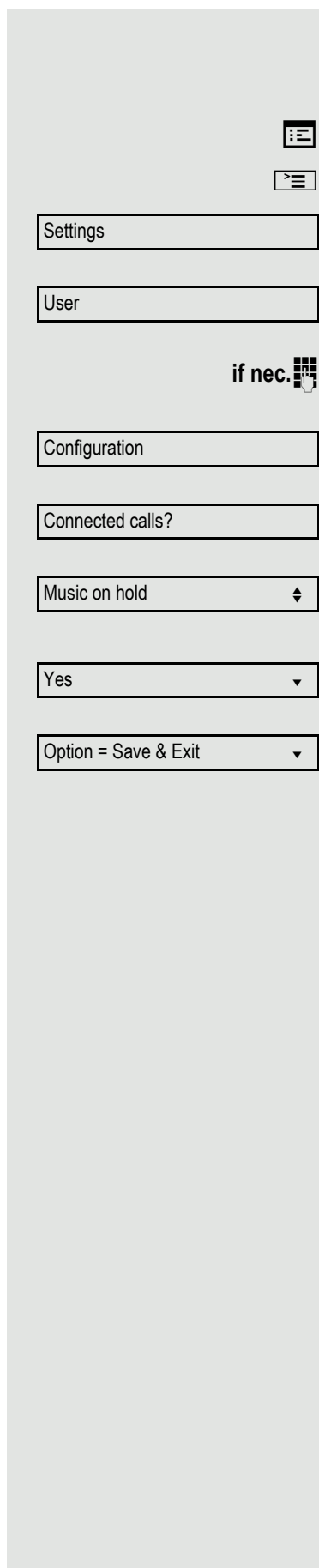
Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown

Select and confirm the option shown.

Select the option shown and confirm twice.



The screenshot shows a vertical menu on the left with the following items: Settings, User, Configuration, Connected calls?, Music on hold, Yes, and Option = Save & Exit. The 'Music on hold' option is selected, and the 'Yes' option is also selected. The 'Option = Save & Exit' option is at the bottom. The text 'if nec.' is visible next to the 'User' option.

## Call waiting (second call)

You can accept a second incoming call in the course of an ongoing call. The caller hears the on-hook signal while you hear a call-waiting signal tone. A bell appears on the display and next to it the phone number of the caller is shown. You can ignore or accept the second call. Before you accept the second call, you can end the first call or place it on hold for subsequent retrieval. You can block the second call or the signal tone (→ Page 68).

### Accepting a second call

**Prerequisite:** You are conducting a call and call waiting is allowed (→ Page 68).

Select and confirm the option shown.

You can talk to the second party.  
The connection to the first party is on hold.

You can still

- toggle between an initial and second call or
- initiate a conference

#### Consultation call from second call

If the second call is your active call you can initiate a consultation call from it.

From a consultation call in the second call you can

- initiate a conference
- toggle between the second call and a consultation call
- transfer a call
- disconnect the calls again

**Prerequisite:** The administrator must have approved the consultation in the second call.

During a consultation in the second call, the first call is parked and can only be unparked when the consultation or second call ends or these calls were connected.

#### Disconnect second call

Select and confirm the option shown in the second call's context menu. The call to this station is disconnected and the call to the first station is reconnected.

### Ending the second call by hanging up

If you or the second call partner hangs up, you will be prompted to retrieve the first call again if "Hold and hang-up" is disabled (→ Page 63). Otherwise, the first call will remain on hold until you receive this prompt after a defined time interval.

Accept

Disconnect & return?

A screenshot of a phone's call management interface. It shows a grey background with a white rectangular button at the top left containing the text 'Ignore?' and a small downward-pointing arrow on the right side.

### Ignoring second call

**Prerequisite:** You are conducting a call and call waiting is allowed (→ Page 68).

Select and confirm the option shown.

The caller still hears the on-hook signal. You can subsequently Accept, Reject or Deflect the second call.

While the ignored second call continues to wait, from the active call you can:

- make a consultation call
- initiate a conference
- toggle between the consultation call and your call party
- transfer a call

A third call would be rejected with the busy signal

If you have disconnected the first call, the ignored second call rings like a normal call.

### Rejecting a second call

**Prerequisite:** You are conducting a call and call waiting is allowed (→ Page 68).

Select and confirm the option shown.

The second call is rejected. The caller hears the busy signal. The caller's phone number is added to the missed calls list.

A screenshot of a phone's call management interface. It shows a grey background with a white rectangular button at the top left containing the text 'Reject?' and a small downward-pointing arrow on the right side.

A screenshot of a phone's call management interface. At the top, there is a menu bar with the option 'Deflect?' highlighted. Below the menu bar, the text 'or' is visible, followed by a grid of icons representing various call functions. The interface is light gray with black text and icons.

### Deflecting a second call

**Prerequisite:** You are conducting a call and call waiting is allowed (→ Page 68).

Select and confirm the option shown.

If a destination phone number is stored (→ Page 58), you can select and confirm it. The call is deflected.

If you did not set a phone number when programming call deflection, you are now prompted to enter a destination phone number for call deflection.

Enter and confirm the destination phone number.

The second call is deflected to the destination specified. You are reconnected with the first party.

### Connecting parties



**Prerequisite:** You have accepted the second call.

Select and confirm the option shown. The other two parties are now connected to one another. You can now hang up or dial another number for instance.

### Connect by hanging up

**Prerequisite:** Connecting by hanging up is activated (ask your administrator) and "Switch assignment" must be set to "Yes" (→ Page 69).

Replace the handset or, if you are in speakerphone mode (OpenStage 20/20 G only), press the loudspeaker key. The other two parties are now connected to one another.

A screenshot of a phone's call management interface. At the top, there is a menu bar with the option 'Complete Xfer' highlighted. Below the menu bar, the text 'or' is visible, followed by a grid of icons representing various call functions. The interface is light gray with black text and icons. or 

## Allowing call waiting

You can also configure this setting via the WBM interface → Page 151.



If the Call waiting (second call) function is deactivated, a caller hears the busy signal if you are already conducting a call.

**Prerequisite:** The option was programmed by your administrator.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.

The screenshot shows a vertical menu on the left with the following items: Settings, User, Configuration, Incoming calls?, Handling?, Allow call waiting = No, Yes, and Option = Save & Exit. The 'if nec.' label is next to the 'Configuration' item. The 'Allow call waiting = No' item is highlighted with a green arrow. The 'Yes' item is also highlighted with a green arrow. The 'Option = Save & Exit' item is highlighted with a green arrow.

### Toggling associate

Set the "Toggle associate" function to Yes if you want to connect to a second or pickup call by hanging up.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the User password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown in the context menu.

Select and confirm the option shown.



N

Settings

User

if nec.

Configuration

Connected calls

Toggling associate

Yes

Save & Exit

## Transferring a call

You can transfer your current call to another party with or without consultation.

### Blind transfer

**Prerequisite:** You are conducting a call. The options "Allow Call Transfer" and "Transfer on Ring" were selected (→ Page 71).

Select and confirm the option shown.

Blind transfer call? ▾



Start transfer? ▾

Enter the phone number of the second party to whom you want to transfer the call. You can also select and call a subscriber here from a call list or from one of the two phonebooks → Page 84.

Confirm or wait until the autodial delay expires.



The display returns to idle following successful transfer.

### Transferring with consultation

You can announce a call to a recipient before transferring it.

**Prerequisite:** You are conducting a call. The options "Allow Call Transfer" and "Transfer on Ring" were selected (→ Page 71).

Select and confirm the option shown. The call is placed on hold.

Consultation? ▾



Enter the phone number of the party to whom you want to transfer the call. You can also select and call a subscriber here from a call list or from one of the two phonebooks → Page 84.

Dial

Confirm.



Complete Xfer?


**If the party answers:**

Announce the call you want to transfer.

Select and confirm the option shown.

**If the party does not answer:**

You do not have to wait for the second party to answer before you can transfer the call.

Replace the handset or, if speakerphone mode is active, press the lit  key to transfer the call.

If the party does not answer, you will be called back by the first party.

**Allowing call transfer**

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.

### Allowing "Transfer on Ring"

If this option is allowed, you can activate call transfer by replacing the handset even before the called party answers.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Confirm the option shown to activate the callback function.

Select the option shown and confirm twice.

The screenshot shows a vertical menu of settings options. At the top, there are two icons: a list icon and a right arrow icon. Below these are the following menu items: 'Settings', 'User', 'if nec.' (with a small icon), 'Configuration', 'Outgoing calls', 'Transfer on ring = No' (with an up arrow), 'Yes' (with a down arrow), and 'Option = Save & Exit' (with a down arrow).

## CTI calls

### Beep on auto-answer

Speakerphone mode activates automatically on your phone if you use a CTI application (such as Outlook) to dial a number when Auto Answer is active. If Auto Answer is not active, the phone rings first and you have to press the loudspeaker key or lift the handset to set up the call. This setting also defines whether or not incoming calls are automatically accepted. If the function is active, an alert beep sounds when an incoming call is automatically accepted.

Information on the operation of the configured CTI application can be found in the corresponding user guide.

You can also configure this setting via the WBM interface → Page 151.

**Prerequisite:** The option was programmed by your administrator.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.

The screenshot shows the WBM interface with the following steps highlighted:

- Settings** (Menu icon)
- User** (Menu icon)
- if nec.** (Menu icon)
- Configuration** (Menu icon)
- Incoming calls?** (Menu icon)
- CTI calls?** (Menu icon)
- Auto-answer = No** (Menu icon)
- Yes** (Menu icon)
- Beep on auto-answer = No** (Menu icon)
- Yes** (Menu icon)
- Option = Save & Exit** (Menu icon)

### Beep on auto-reconnect

You can reconnect a held call both via the CTI application and via the phone. A beep sounds when you toggle between an active call and a held call when the function is active.

**Prerequisite:** The option was programmed by your administrator.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

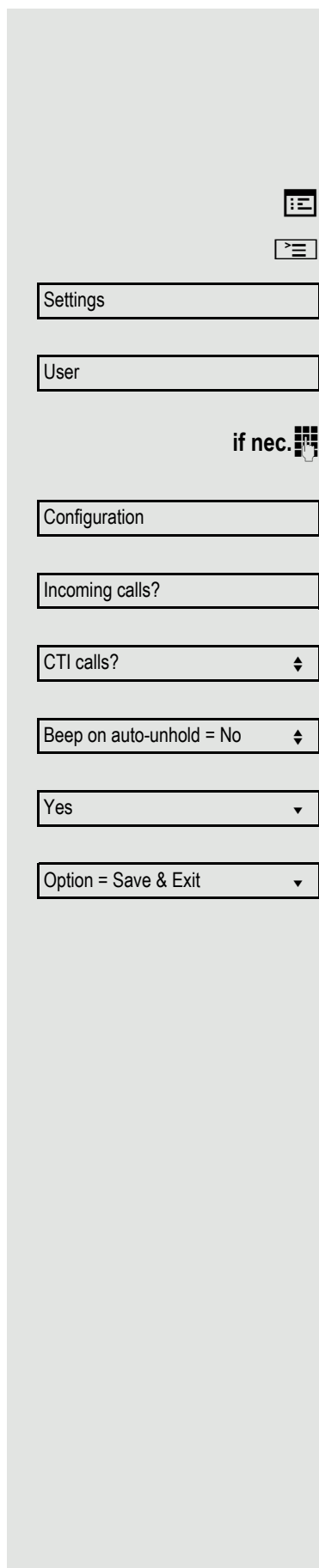
Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.



The screenshot shows a vertical menu on the left with the following options: Settings, User, Configuration, Incoming calls?, CTI calls?, Beep on auto-unhold = No, Yes, and Option = Save & Exit. The 'Settings' option is highlighted. To the right of the menu, there are instructions for each step, including pressing a key, selecting and confirming options, and confirming the user password. The 'if nec.' label is visible next to the 'User' option.

## Making calls

### Dialling a phone number from a list

The following call lists are available in the "Calls" directory:

- Missed
- Dialed
- Received
- Forwarded



For a detailed description of the call lists, see → Page 21. Pay attention to the notes on → Page 90.



Calls ▲

Dialed ▼

Niels, Bohr 30.05. 07:06am

Press the key shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the appropriate list entry.

The phone number associated with the list entry is dialled. If you have not already lifted the handset, conduct the call now in speakerphone mode (only OpenStage 20/20 G).

### Calling a subscriber from the local phonebook



Personal

Niels, Bohr

Dial #####

Press the key shown.

Confirm the option shown.

Select and confirm the required subscriber.

Confirm the option shown. The phone number associated with the subscriber is dialled.

Detailed information on the local phonebook and on searching for subscribers can be found from → Page 84.

## Calling a subscriber from the corporate directory

**Prerequisite:** You have found and selected a subscriber in the corporate directory → Page 87.

Confirm the subscriber.


Confirm the option shown. The connection is set up.

## Using autodial delay


A number is automatically dialled after a set delay starting from the entry of the number's last digit. The autodial delay can be used:

- when dialling in idle mode
- Consultation
- when transferring an answered call.


The delay can be reduced by performing one of the following activities:

- pressing the  key. This always works.
- lifting the handset. This only works if the phone number was entered when the phone was idle or if it was entered for a consultation call when the handset was off hook.
- pressing the loudspeaker key (OpenStage 20/20 G only). This only works if the phone number was entered when the phone was idle and the loudspeaker key was not lit or if the phone number was entered for a consultation call and the loudspeaker key was not lit.

---

 If an emergency number is preset by your administrator, the autodial delay for this phone number is reduced to one second.

---

 Automatic dial delay does not work if you are using a dial plan and **Immediate dialling** is configured (see → Page 35). The number is automatically dialled as soon as the string entered matches an entry in the dial plan.


---

Niels, Bohr

Dial



## Settings for autodial delay

 The setting does not affect automatic emergency number dialling.

If you select **Autodial delay**, you must either confirm the "Dial" option, press the loudspeaker key or wait until the autodial delay expires to set up a call when dialling with the handset on hook.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

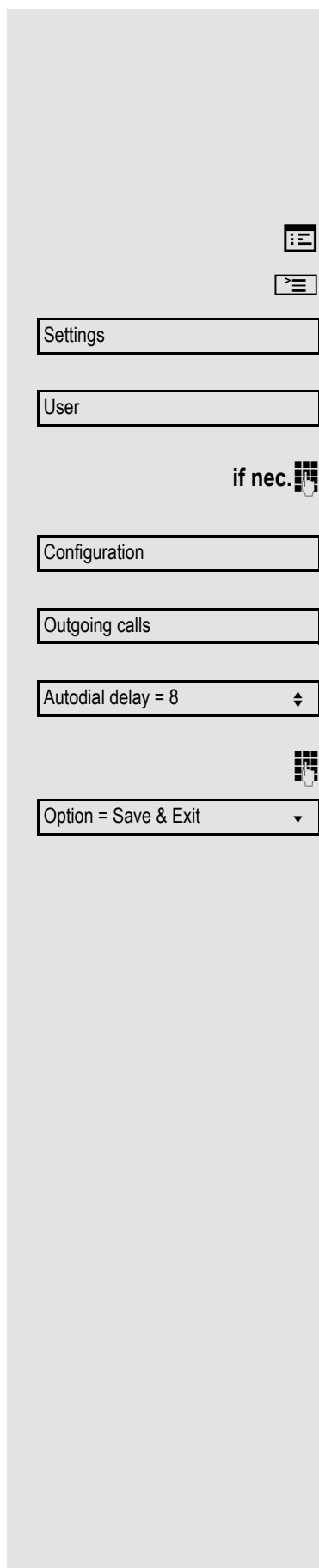
Select and confirm the option shown.

Select and confirm the option shown.





Select and confirm the option shown.

Enter a value in the input mask and confirm.

Select the option shown and confirm twice.



The screenshot shows a vertical menu of settings options. At the top, there are two small icons: a list icon and a right arrow icon. Below these are the following options, each in a rectangular box:

- Settings
- User
- if nec. 
- Configuration
- Outgoing calls
- Autodial delay = 8 
- 
- Option = Save & Exit 

### Allowing "Busy When Dialling"

If you activate this function, an incoming call received while you are performing dialling is rejected. The caller then hears the busy signal.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

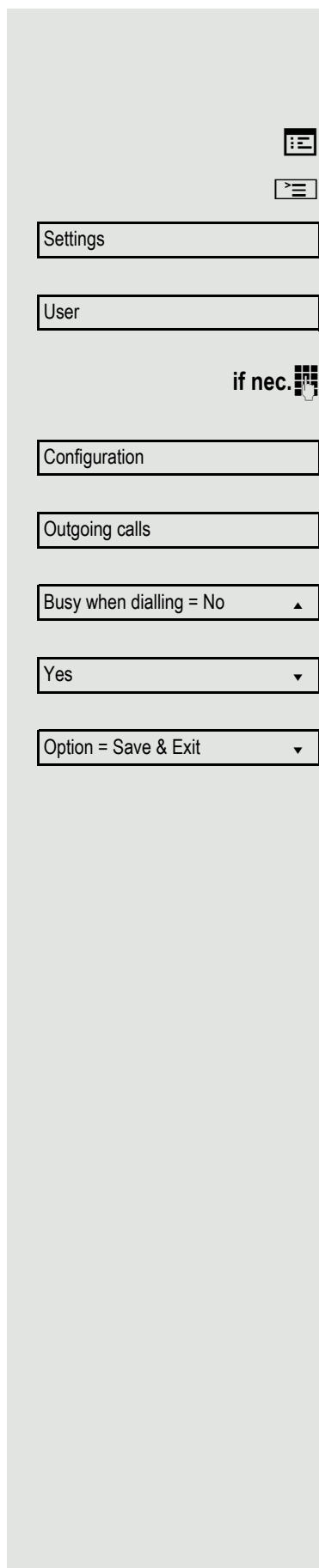
Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.



## Conference

### Local conference

This type of conference is also referred to as a three-party conference. It involves up to three participants.

**Prerequisite:** You are conducting a consultation call → Page 37 or have accepted a second call → Page 65, and the conference function is active → Page 80.

### Initiating a local conference

Select and confirm the option shown in the menu. You are connected to both parties at once.

### Conducting one-on-one calls

On the display, select and confirm the first connection you want to clear down.

On the display, select and confirm the second connection you want to clear down.

Select and confirm the option shown. You are now involved in a one-to-one call with the remaining call party.

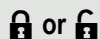
Conference?

1: Party

or

2: Party

Disconnect?



If you already are involved in a secure connection with a party when you initiate a consultation call, the original party is placed on hold. The new consultation connection can be either secure or nonsecure. However, the first connection remains secure even if all three parties are now joined together in a conference.

The entire conference is nonsecure if the connection to at least one of the parties is not secure (see also → Page 25).

The relevant padlock icon appears on the "Conference" row.

## Ending a local conference

### Allowing call partners to continue a conference after you exit

**Prerequisite:** The "Allowing joining in a local conference" → Page 81" function is activated.

Select and confirm the option shown in the menu. Both call partners remain connected. You are disconnected from the conference call.

Replace the handset or, if you are in speakerphone mode (OpenStage 20/20 G only), press the loudspeaker key. Both call partners remain connected. You are disconnected from the conference call.

## Disconnecting a party

Select and confirm the option shown in the menu.  
Both connections are cleared down – the conference is cleared down.

## Allowing a local conference

This option allows or blocks the "Conference" function.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

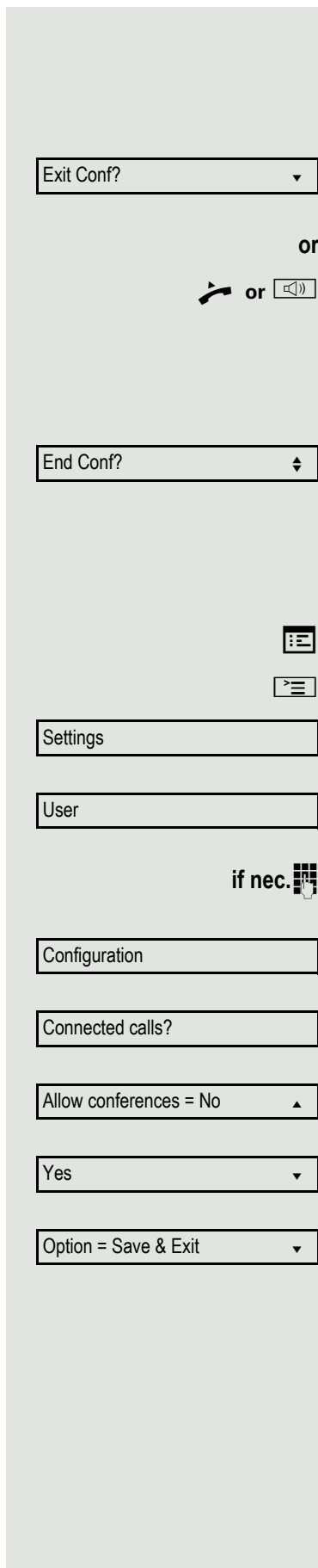
Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.



### Allowing joining in a local conference

You can use this option to decide whether or not your call partners are allowed to join calls after you exit the conference call.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.

The screenshot shows a vertical menu on a light gray background. At the top, there are two small icons: a list icon and a right-pointing arrow icon. Below these are several menu items, each in a rectangular box. The items are: 'Settings', 'User', 'Configuration', 'Connected calls?', 'Allow exit conference = N', 'Yes', and 'Option = Save & Exit'. The 'if nec.' text is visible next to the 'User' and 'Configuration' items. The 'Allow exit conference = N' item has a small upward-pointing triangle to its right. The 'Yes' item has a small downward-pointing triangle to its right. The 'Option = Save & Exit' item has a small downward-pointing triangle to its right.

## System-based conference

This type of conference is also referred to as a large conference. It can include up to ten parties. It can include from three up to a maximum of 16 parties (depending on the configuration in OpenScape Voice).

**Prerequisite:** You are conducting a consultation call → Page 37 or you have accepted a second call → Page 65, and the "System conference" feature was configured by your administrator.

### Establishing a conference

Select and confirm the option shown in the connection's context menu. You are connected to the first two parties at once. The conference is displayed with the current participants. You can now:

- initiate a consultation call
- put the conference on hold
- leave the conference.

### Conducting a consultation call

Select and confirm the option shown in the "Conference" context menu. If the party answers, you can:

- toggle between the party and the conference
- connect the consultation call to another called party
- end the consultation call and return to the conference
- add the consultation call party to the conference.



If you intend to include the consultation call party in the conference, you can also use the "Add to conference" option instead of the "Consultation" option.

If you want to use a **call list** for the consultation call, select **Hold** instead of Consult (or Add to conference) in the context menu and then open a required call list (→ Page 84) or one of the phonebooks (→ Page 84/ → Page 87).

Alternatively you can also open a call list or a phonebook without using the **Hold** functions – the conference is automatically placed on **Hold**.

Conference? ▾

Consult? ▾



Conference?

Hold?

Exit Conf?

### Add party

**Prerequisite:** You are conducting a consultation call and the conference is on hold.

Select and confirm the option shown in the consultation call's context menu. The party is added to the conference. Only the conference and all current participants are now displayed. You can scroll through the list of participants.

### Putting the conference on hold

Select and confirm the option shown in the "Conference" context menu. The conference is placed on hold and you can consult with someone in your office, for instance.

### Leaving a conference

Select and confirm the option shown in the "Conference" context menu. You are disconnected from the conference call and can dial another number, for instance. The other call partners remain connected.

# Phonebooks and call lists

## Personal directory

The personal directory is restricted to 100 entries.

## Creating a new contact

You can create contacts more conveniently via the WBM interface → Page 151.

Press the key shown.

Confirm to open the local phonebook.

Select and confirm the option shown.

Fill in the three fields

- Last name
- First name
- Number

accordingly.

Select and confirm to save the phonebook entry.

## Editing a contact

You can edit contacts more conveniently via the WBM interface → Page 151.

Press the key shown.

Confirm to open the local phonebook.

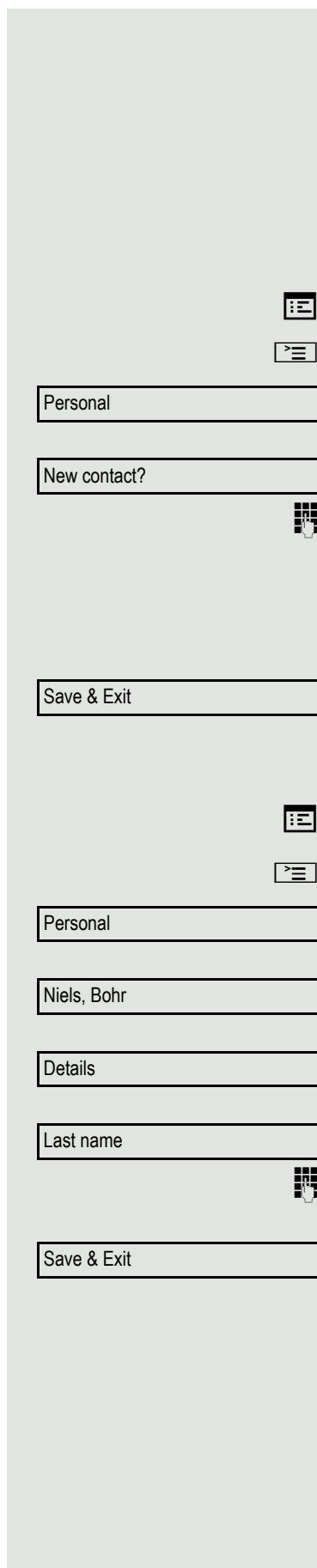
Select and confirm the relevant entry.

Select and confirm the option shown.

Select and confirm the Last name field, for example.

Change and confirm.

Select and confirm the option shown.



## Deleting a contact

You can delete contacts more conveniently via the WBM interface → Page 151.

Press the key shown.

Confirm to open the local phonebook.

Select and confirm the relevant entry.

Select and confirm the option shown.

Confirm the option shown.

or

Select and confirm to cancel the process.

## Deleting all contacts

You can delete contacts more conveniently via the WBM interface → Page 151.

Press the key shown.

Confirm to open the local phonebook.

Select and confirm the option shown.

Confirm the option shown.

or

Select and confirm to cancel the process.

The screenshot shows a vertical sequence of screens from a mobile phone interface. At the top, there are two icons: a list icon and a right arrow icon. Below these are three input fields: 'Personal', 'Niels, Bohr', and 'Delete'. This is followed by a 'Delete?' confirmation screen. Below this is an 'or' separator. Then there is a 'Cancel?' screen. The sequence repeats with another set of icons, followed by 'Personal', 'Delete all?', 'Delete all entries?', and another 'Cancel?' screen.

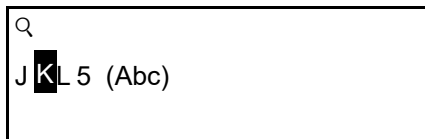
## Searching for a contact

Press the key shown.

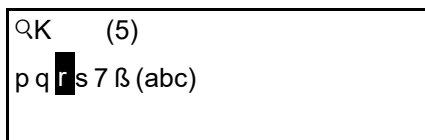
Confirm to open the local phonebook.

The last entry used is displayed on the screen.

Enter the initial letter of the name you are searching for, for instance K.

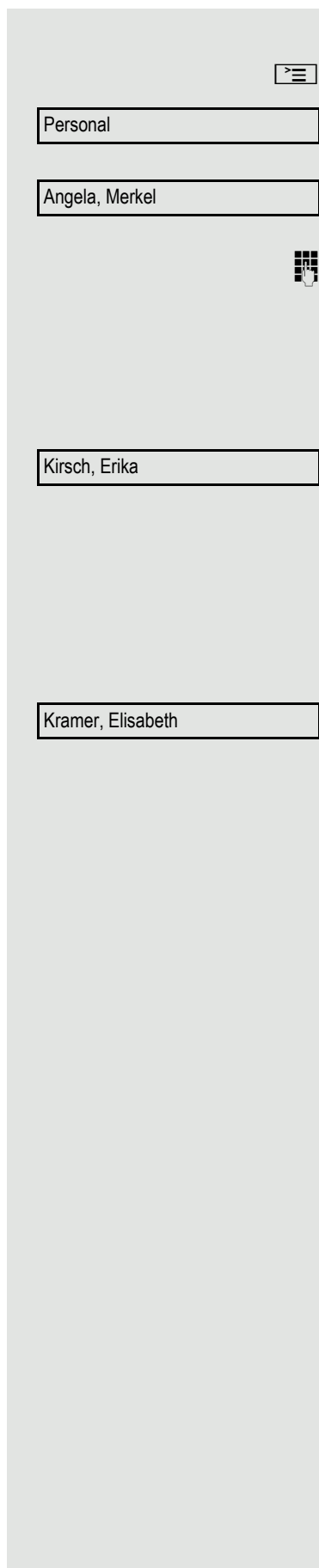


The first name found with the initial letter K is displayed after a short time. If you are looking for a name that begins with Kr, also enter the second letter in the search field:



The first name found with the initial letters Kr is displayed.

You can also browse the phonebook with the 3-way navigator until you find the required subscriber → Page 16.



## Corporate directory

The corporate directory is an LDAP database. It can be accessed via your network if access has been configured correctly by administrator.

You can search for contacts using the name (simple search) or different criteria for an entry (advanced search), for example job title or address.

## Searching for a contact

Press the key shown.

Select and confirm to open the corporate Phone book "Corporate".

Select and confirm the option shown.

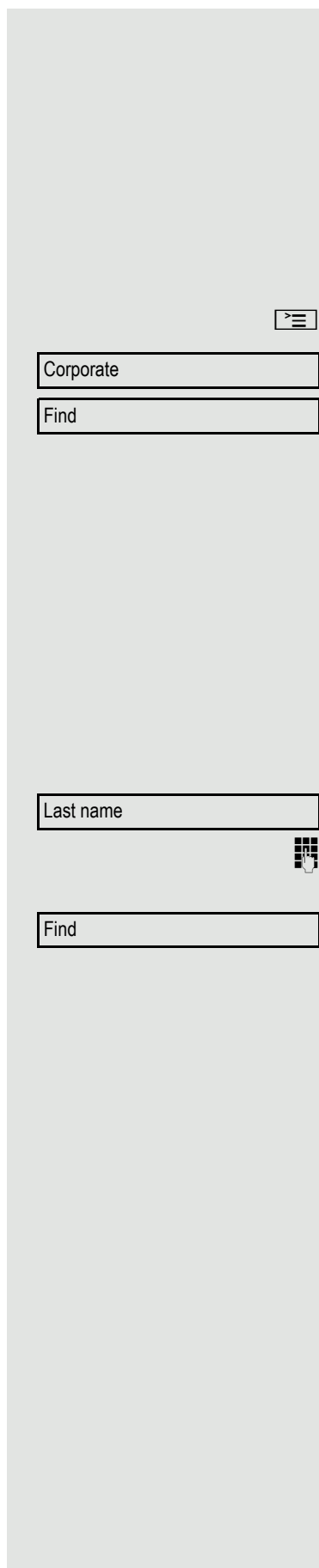
The following 11 search fields can be used:

- Last name
- First name
- Business 1
- Business 2
- Mobile
- Private
- Company
- Address 1
- Address 2
- Job function
- Email

Select and confirm the required search field (e.g. "Last name").

Enter a search text. If, for example, you only enter the initial letter of the last name, all entries that start with this initial letter are displayed.

Select and confirm when you have filled out one or more search fields. The search begins. If the entry you searched for is found, you can dial or view the entry details.



## Enhanced editing functions in the phonebook

### Viewing entries

**Prerequisite:** You found and selected an entry (see above).

Select and confirm the option shown. All fields of the entry are displayed.

### Resetting the search fields

**Prerequisite:** The search fields are listed.

Select and confirm the option shown. You can now enter new search criteria for a search.

### Defining a qualifier before a search

Prior to a search, you can select which qualifiers should also appear in the output list.

Select and confirm the option shown. You may choose between the following qualifiers:

- No qualifier
- Job function
- Address 1
- Email
- Business 1
- Mobile
- Business 2
- Private
- Company
- Address 2

Select and confirm the desired qualifier.

Select and confirm to exit the list.

Details

Delete

Qualifier



Back

## Quick search

Press the key shown.

Select and confirm to open the corporate Phone book.


Q

Enter the name (Abc)

Enter the initial letter of the name you are looking for, for instance "K".



QK


J K L 5 (Abc)

If you do not enter any further characters, all available names with the corresponding initial letter are displayed after a predefined period of time or after confirming with .

QKr

p q r s 7 ß (abc)

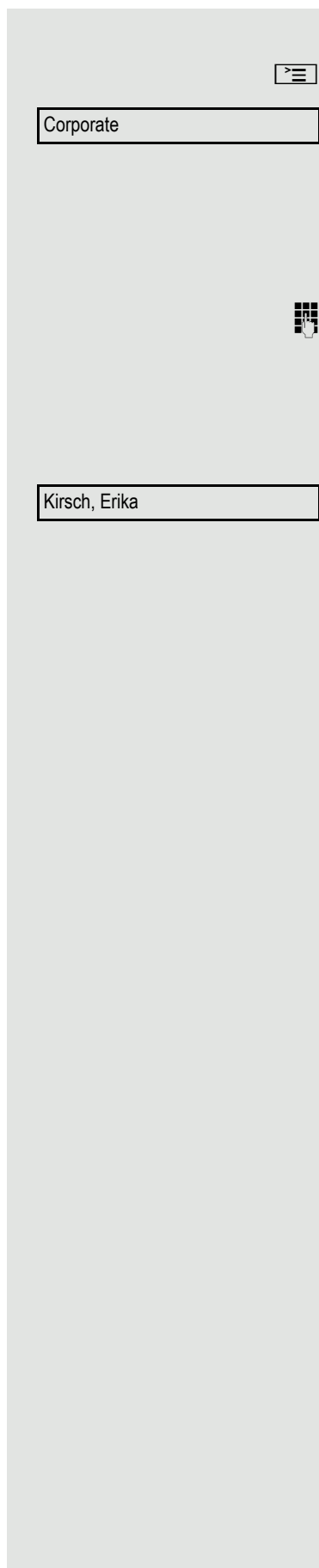
You can restrict the output by entering the second or other letters. The ( key is used to switch between letters and numbers. The   keys are used to delete individual characters.

You can control the search individually by entering special characters. To select special characters, first press the  key.

Rule list:

Character	Description
#	Searches for the exact string before the special character.
,	You can enter the first and last name separated by a comma. A search is carried out for the last name (possibly using a wildcard) and the "first" first name that starts with the first character after the comma.
*	Wildcard. This searches for the characters entered and all possible subsequent characters.

You enter these characters by selecting the special characters.



## Quick search using parts of a search string

If administrator adds a field to the template for the corporate directory and assigns this field to an existing search field, you can use any strings in a last name, for example, for the search.

To list all entries, for example, in which the string "er" appears in the **Last name** field, enter this character combination when prompted to enter the name.

Once the output list is available with entries that match this condition, you can now skip to the first corresponding entry by entering the initial letter of the last name.



Please consult your administrator to establish whether an additional field has been added to the template for the corporate directory and which search field it has been assigned to. Note that a traditional quick search will return unintended results in this case.

## Call lists

For a detailed description of the different call lists, see → Page 21. The function must be activated in order to view and manage call lists → Page 91, otherwise the menu option "Calls" is not offered.

## Dial entry

Press the key shown.

Select and confirm the option shown.

For instance, select and confirm the list of missed calls.

The list is sorted chronologically, with the most recent caller first. You can use the **click wheel** to scroll through the list.

Select and confirm the appropriate list entry. The phone number is dialed.

## Delete all entries

Press the key shown.

Select and confirm the option shown.

For instance, select and confirm the list of dialled numbers.

Select and confirm the option shown. All entries in the list displayed are deleted.



Calls



Missed



Niels, Bohr

13:22



Calls



Dialled




Delete All



## Call logging

### Activating/deactivating the call journal

The function can be disabled in order to prevent unauthorised third parties gaining information on the other party involved in the call from the call lists. No further calls or conversations are then logged. The function is always activated by default.

 When you deactivate the call journal, please note that the customary last number redial function will also be affected by this. You can then no longer redial the last number dialled → Page 36.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the User password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.


Select and confirm the option shown.

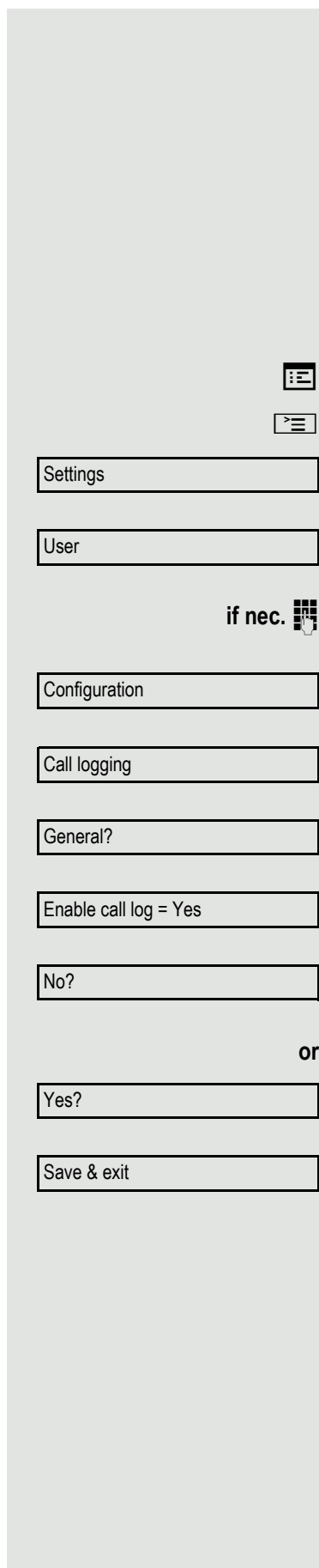
Select and confirm to disable the call journal. The message "Call Log is disabled" is displayed.

or

Select and confirm to enable the call journal again.

Select and confirm the option shown.

 If the function is deactivated, all existing entries in the journal as well as messages for available missed calls on the display and via LEDs are deleted.



### Logging missed calls

This function has two entries, each with two options for managing missed calls:

- Answered elsewhere
- Delete entry

All missed calls intended for this line are logged and new missed calls are displayed. If the "Exclude" option is selected for "Answered elsewhere", missed calls for this line that were answered either by other subscribers in the group or with "Directed pickup" are neither displayed nor logged (see also → Page 31). The "Exclude" setting is recommended if groups are set up.

With the default setting "Delete manually" for "Delete entry", you can delete specific missed calls you called back yourself. If you select the option "Delete when called" instead, these calls will be deleted automatically.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Select and confirm the option shown.

Enter and confirm the User password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

### Displaying missed calls that were answered elsewhere

Missed calls that have been answered by other subscribers are indicated with a checkmark.

Select and confirm the option shown.

Confirm to prevent calls answered by other subscribers being displayed in the list.

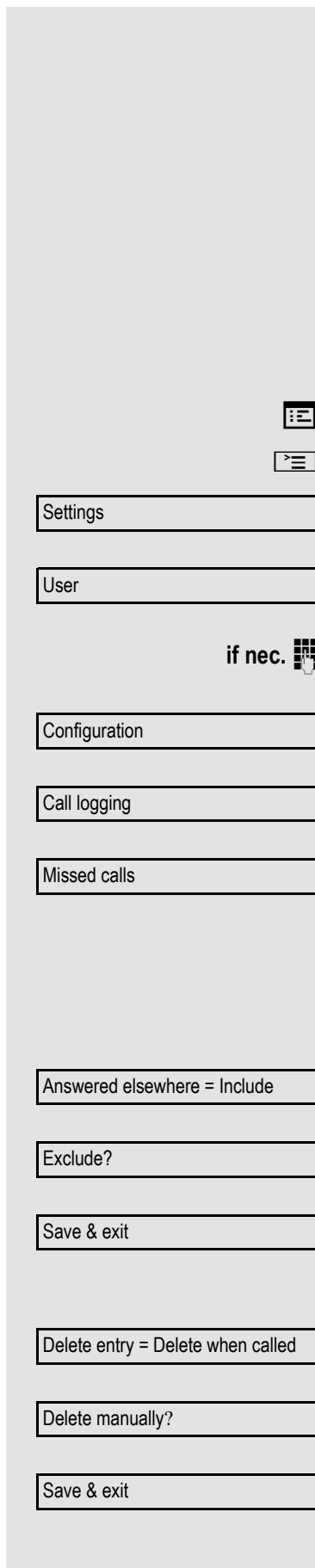
Select and confirm the option shown.

### Deleting missed calls when called

Select "Delete when called" and confirm.

Confirm to delete entries manually when called.

Select and confirm the option shown.



## Privacy/security

### Activating and deactivating the ringer

#### Activating and deactivating the ringer permanently or setting to beep

If you do not want to be disturbed by the phone ringing for an incoming call, you can deactivate the ringer permanently or set it so that you are only advised of a call by a beep every 25 seconds. You can also configure the settings while the phone is ringing.



Hold down the key (approx. 2 seconds) until the "Ringer off" icon appears on the status bar on the display (→ Page 19).

The ringtone is deactivated.



To switch the function off again, hold down the key until the "Ringer off" icon disappears from the status bar on the display.

You can also switch the function on and off using the option in the idle menu.

Select and confirm the option shown.

Rufton aus?

#### Setting the ringer to a beep



Hold down the key (approx. 3 seconds) until the "Beep" icon appears on the status bar on the display (→ Page 19). You will hear a short beep every 25 seconds for as long as the caller stays on the line.



To switch the function off again, hold down the key until the "Beep" icon disappears from the status bar on the display.

#### Deactivating the ringer temporarily for incoming calls and reactivating it

If you are disturbed on an important call by the phone ringing, for example, you can deactivate the ringer temporarily and then activate it again.



Press the key briefly. The ringer is deactivated.



Now press the key again briefly. The ringer is reactivated.

## Do not disturb

If "Do not disturb" is activated, your telephone will not ring. The caller hears the busy tone or an announcement that the called party cannot accept any calls at the moment. The "Do not disturb" function is activated/deactivated via the idle menu → Page 18.

### Activating/deactivating "Do not disturb"

Do not disturb on ▾

Select and confirm the option shown in the idle menu. The "Do not disturb" icon appears → Page 19.

or

Do not disturb off ▾

Select and confirm the option shown. The do not disturb icon is deleted.



Settings

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

User

Select and confirm the option shown.

Confirm.

if nec.

Enter and confirm the user password.

Configuration

Select and confirm the option shown.

Incoming calls?

Select and confirm the option shown.

Handling? ▾

Select and confirm the option shown.

Allow DND = No ▾

Select and confirm the option shown.

Yes ▾

Select and confirm the option shown.

Option = Save & Exit ▾

Select and confirm the option shown.

## Security

### User password

Your User password protects your individual configurations, including your language settings. You can also use the User password to lock your telephone → Page 98.

#### The administrator may have configured the following settings:

- The password is deactivated: You do not have the option of configuring user settings. The message "Password is disabled" is displayed.
- The password is temporarily blocked: You do not have the option of configuring user settings at this time. The message "Password.suspended" is displayed.
- After initially logging onto a user area, you may have to replace the default password with a new password.
- A password can have a predefined period of validity: You will have to create a new password when the period ends. The message "Change Password ({1} days left)" will alert you to this at the appropriate time. The message "Password has expired" appears when the validity period is over. Confirm "Change password" and change the password as described in this section.
- If you repeatedly enter the wrong password (2 to 5 times), additional attempts are blocked. You can make another attempt after a predefined time.
- It is possible that you will not be able to re-use a previously used password for a long time, so you will have to create another "new password".
- Your administrator can tell you about the rules for what and how many characters can or must be used in the password.



The preset password "000000" corresponds to a blank password. In other words, the phone cannot be locked and the user menu is **not** password-protected (see also → Page 97).

## Change user password

The User password can also be modified via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Enter the current password (at least six characters, text entry, see → Page 16) and confirm your entry.

Select and confirm the option shown.

Enter a new password (at least six characters) and confirm (text entry, see → Page 16).

Select and confirm the option shown.

Enter the new password again and confirm with OK.

Select and confirm the option shown.

The screenshot shows a vertical menu on the left side of a device. The menu items are: 'Settings', 'User', 'if nec.', 'Security?', 'Change user password', 'Current password', 'New user password', 'Confirm new user password', and 'Save & Exit'. Each item is highlighted with a black border. To the right of the menu, there are several small icons: a list icon, a magnifying glass icon, a grid icon, a hand icon, and a checkmark icon. The text 'if nec.' is followed by a small grid icon.

## Deactivating the user password

You can deactivate the phone's password prompt if a password has already been configured.

➡ The deactivation of the password prompt does not affect the WBM interface → Page 151 or CTI applications that use a password prompt. As long as the user password is deactivated, you do not have access to user settings via the WBM interface.

If you deactivate the user password, you are **not** able to lock the phone → Page 98 and the user menu is **not** password-protected.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Enter the current password (at least six characters, text entry, see → Page 16) and confirm your entry.

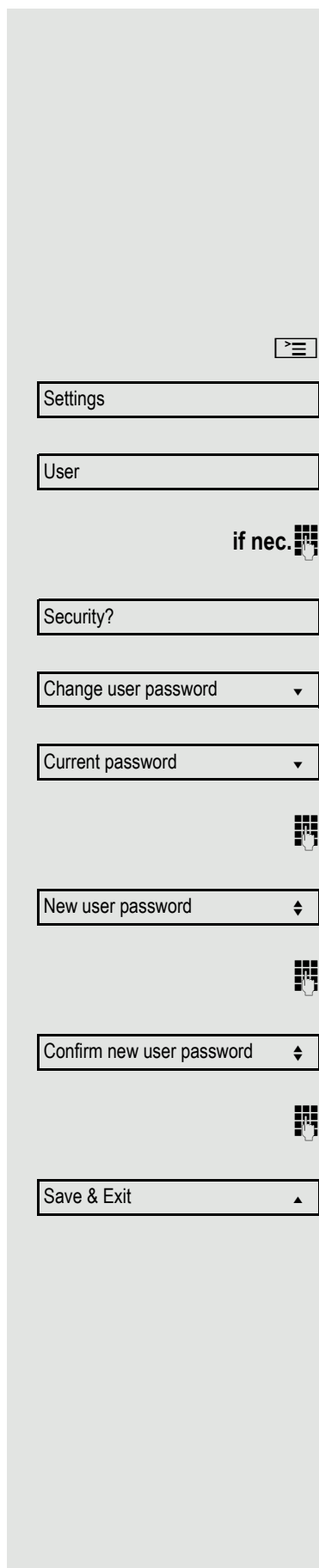
Select and confirm the option shown.

Enter six zeros ("000000") to deactivate the password. Confirm entry (at least 6 characters, (text entry, see → Page 16).

Select and confirm the option shown.

Enter six zeros ("000000") to deactivate the password (for text input, see → Page 16) and confirm.


Select and confirm the option shown.



## Phone locking

You can lock your phone to protect it against unauthorised access. In this way, no one can make calls or change your user settings unless they know your user password.

Predefined numbers from the dial plan can still be dialled when the phone is locked - for more information consult your administrator.

 You can only lock the phone if you set a user password (→ Page 95). The password for this must not be the default setting "000000".

Check if necessary whether the telephone lock function has been activated for you by administrator.

### Activating the phone lock



Hold down the key shown.

Confirm lock?

Confirm. The "Locked phone" icon appears on the display → Page 19.

or



Press the key shown.

Settings

Select and confirm the option shown.

User

Confirm.



Enter and confirm the user password.

Security?

Select and confirm the option shown.

Phone lock?

Select and confirm the option shown.

Phone lock No


Select and confirm the option shown.

Yes

Select and confirm the option shown.

Save & Exit

Select the option shown and confirm twice.  
The phone is locked.

 If an emergency number has been entered on the telephone by administrator, **Emergency call** will be offered on the display once you have activated the phone lock. You can also dial the emergency number via the keypad.

## Unlocking the phone

The following is displayed: Phone locked.

There are two options available for unlocking the phone:

- User unlock
- Admin unlock

User unlock?

or

Admin unlock?



Select and confirm if you know the user password. You are prompted to enter the user password.

Select and confirm if you only know the administrator password. You are prompted to enter the administrator password.

User password or enter and confirm the administrator password. The phone is unlocked if the password is correct.



If the telephone is locked, an emergency number entered by administrator can be dialed using the keypad or the option **Emergency call**.

## Mobility

**Prerequisite:** Your phone is configured to support mobility by administrator. A DLS server is available in the LAN and its address is entered in the phone.

### Mobility scenarios

When you log on to your phone, or any other mobility-enabled phone, the following scenarios are possible:

#### Logging on and off at the same phone

- Log on as a mobility user → Page 101.
- Log off as a mobility user → Page 101.

#### Logging on and off at different phones

In these cases, administrator may have made the following settings:

- Log on at a remote phone with forced logon, when the user is still logged on at that phone → Page 102.
- Delayed logon at a remote phone with forced logon, when the user is still logged on at that phone and the phone is busy → Page 103.

#### Transferring user-defined settings and data

When you log off as a mobility user, your user-defined settings and data are saved in the DLS server so that they can be transferred to another telephone when you log on there. This also includes your contacts from your personal directory → Page 84. The personal directory can only be successfully transmitted if the destination telephone has a similarly structured phonebook. Your phonebook cannot be transmitted to an OpenStage 60, for example, because the destination phonebook has a different structure.

## Logging on and off at the same phone

### Logging on to the phone

**Prerequisite:** No other mobility user is logged on. → Page 18

Select from the idle display context menu (→ Page 18) and confirm. The **Mobility logon** dialog appears.

You are prompted to enter your mobility ID.


Enter and confirm Mobility ID, usually a telephone number. (for a text editor, see → Page 17).

You are prompted to enter the password.

Enter the user password and confirm with OK (text editor, see → Page 17).

The following messages appear on the display:

- Logging on mobile user
- Validating
- Registering
- Downloading user data

Once you have completed logon, the mobility icon is shown in the display .

### Logging off from the phone


**Prerequisite:** You are logged on as a mobility user.

Select from the idle display context menu (→ Page 18) and confirm. The logoff procedure starts immediately.

Is displayed. You briefly have the option to cancel the logoff, otherwise the logoff process is launched.

In the graphic display, the following messages appear:

- Logging off mobile user
- Uploading user profile
- Registering
- Downloading user data

After you have logged off, the mobility icon  is hidden.

### Logging off from a locked telephone

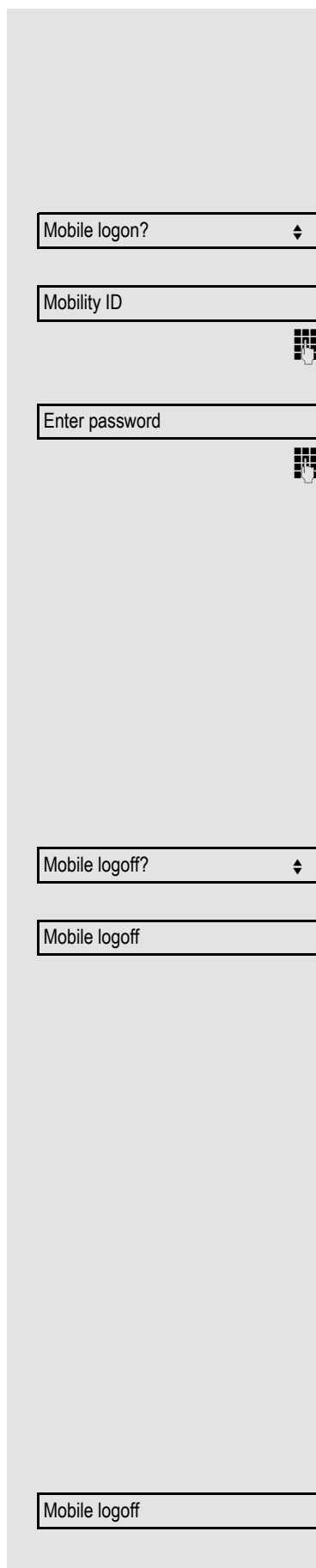
If the telephone is locked, it is still possible to log off from the telephone if no PIN is required for logging off.

The display shows: Phone locked.

Three options are available for selection:

- Benutzer entsperren
- Mobile logoff
- Admin entsperren

Select and confirm the option shown. The logoff procedure begins.



The image shows a vertical stack of dialog boxes for logging on and off. The top section, labeled 'Logging on to the phone', contains three input fields: 'Mobile logon?' with a dropdown arrow, 'Mobility ID' with a confirmation icon (two overlapping squares), and 'Enter password' with a confirmation icon. The bottom section, labeled 'Logging off from the phone', contains two input fields: 'Mobile logoff?' with a dropdown arrow and 'Mobile logoff'. At the very bottom, there is a single input field labeled 'Mobile logoff'.

## Logging on at different telephones

An attempted login is rejected if the user is already logged on to another phone and "Logon with forced logoff" is disabled for the mobility user.

## Logging on with forced logoff at a remote phone

If the user is already logged on at another phone and the remote phone is busy, the logon is rejected.

If however, your administrator enabled "Forced logoff during call" without setting a time, the system does not consider whether or not the remote phone is busy.

Mobile logon?

Mobility ID?

Enter password

Select from the idle display context menu (→ Page 18) and confirm.

The **Mobility logon** dialog appears.

You are prompted to enter your mobility ID.


Enter and confirm mobility ID – usually a phone number (for a text editor, see → Page 17).

You are prompted to enter the password.

Enter and confirm the user password (text editor, see → Page 17).

The following mobility messages appear in the display:

- Logging off elsewhere
- Validating
- Registering
- Downloading user data

The logoff is simultaneously displayed on the remote phone. Once you have completed logon, the mobility icon is shown in the display. .

## Logging on with forced, delayed logoff at a remote phone

If the remote phone is busy and your administrator enabled "Forced logoff during call" with a set timeout, forced logoff does not occur until this timeout expires.

Mobile logoff? ▾

Mobility ID? ▾



Enter password



Select from the idle display context menu (→ Page 18) and confirm.

You are prompted to enter your mobility ID.

Enter and confirm the mobility code - usually a phone number (text editor, see → Page 17).

You are prompted to enter the password.

Enter and confirm the user password (text editor, see → Page 17).


The mobility message appears on the display:

- Logging off elsewhere



At the same time, the graphic display on the busy remote phone shows "Forced logoff...". After the timeout set by your administrator, the active call is ended and remote logoff is performed.

- Validating
- Registering
- Downloading user data

Once you have completed logon, the mobility icon is shown in the display .

# OpenScape Voice functions

The OpenScape Voice supports a number of functions that you can activate and deactivate from your phone.

## Making anonymous calls

Your administrator decides whether or not your caller ID (name and phone number) is displayed on a called party's station. **Anonymous** calling is when your data is not transmitted. The settings configured can be deactivated, however, for specific calls.



- If your caller ID is transmitted: your caller ID is displayed.
- If your caller ID is suppressed: "unknown" is displayed.

## Deactivating

If your administrator permanently activated **anonymous calling** for your phone, you can deactivate this setting as follows:



Lift the handset.



Enter the code (see the table of codes → Page 118) to transmit the caller information.



You hear a confirmation tone or an announcement.

## Activating

If your administrator activated caller ID transmission for your phone, you can deactivate this setting as follows:



Lift the handset.



Enter the code (see the table of codes → Page 118) to suppress the caller ID.



Wait until you hear the confirmation tone or announcement. Caller ID transfer is suppressed. "Private/Anonymous" appears on the called party's display instead of the caller ID.

## Temporarily activating anonymous calling for the next call

If your administrator activated caller ID transmission for your phone, you can deactivate this setting for the next call as follows:



Lift the handset.



Enter the code (see the table of codes → Page 118).



Wait until you hear the confirmation tone or announcement.



Dial the phone number of the party you want to contact. Caller ID transmission is reactivated after this call.

## Temporarily deactivating anonymous calling for the next call

If your administrator suppressed caller ID transmission for your phone, you can enable this setting for the next call as follows:

Lift the handset.

Enter the code (see the table of codes → Page 118).

Wait until you hear the confirmation tone or announcement.

Dial the phone number of the party you want to contact. When you end this call, caller ID transmission is suppressed once again for the next call.



## Creating a list for selective calls

### For call acceptance

You can create a list of the phone numbers from which you are willing to accept calls (also known as a selection list). Your administrator knows how long this list may be in the OpenScape Voice used on site in your facility.

A connection is set up if a caller's phone number matches a number in the selection list. If there is a match:

- the caller receives a message that the party refuses to accept any calls with this number,
- or
- the call is forwarded to an external phone number.

Contact your administrator for information on how your OpenScape Voice is configured on site.

Lift the handset.

Enter the code (see the table of codes → Page 118).

Various announcements deliver the following information:

- the name of the feature (selective call acceptance)
- the current status (active or inactive)
- the current scope of the selection list.

These announcements are followed by verbal user prompts that let you:

- add entries to the selection list
- delete entries in the selection list
- check the selection list
- activate or deactivate the function.

### For call rejection

As for selective call acceptance, you can create a selection list with the phone numbers of parties from whom you are not willing to accept calls. Your administrator knows how long this list may be in the OpenScape Voice used on site in your facility.

A call is not connected if the caller's phone number matches a number in the selection list; the caller is notified that the called party rejects calls from this number. If the caller's number is not in the selection list, the call is to you as usual.

Lift the handset.

Enter the code (see the table of codes → Page 118).

Various announcements deliver the following information:

- the name of the feature (selective call rejection)
- the current status (active or inactive)
- the current scope of the selection list.

These announcements are followed by verbal user prompts that let you:

- add entries to the selection list
- delete entries in the selection list
- check the selection list
- activate or deactivate the function.

## Anonymous calls

### Rejecting

You can reject all calls from parties that activated a data protection feature (for example, caller ID suppression) to prevent their phone number from being transmitted. In this case, you are not informed that a call was rejected.



Lift the handset.

Enter the code (see the table of codes → Page 118).

### Accepting

You can also accept calls from parties that activated a data protection feature (for example, caller ID suppression) to prevent their phone number from being transmitted.



Lift the handset.

Enter the code (see the table of codes → Page 118).

## Using abbreviated dialling

Abbreviated dialling gives you access to a central list of frequently dialled phone numbers.

You can dial a specific phone number by simply entering a digit string. As these are three-digit numbers, you can store up to 1000 phone numbers. This list is stored centrally and managed by your administrator.



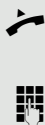
Lift the handset.

Enter the code (see the table of codes → Page 118) followed by a number between 0 and 999 for the phone number you want to dial.

The number is automatically dialled.

## Call tracing

You can request automatic tracing of the last received internal call. This is particularly suitable for identifying malicious, irritating or troublesome calls.



Lift the handset.

Enter the code (see the table of codes → Page 118). The phone number is determined. Ask your administrator for the result.

## Hunt group functions

To ensure optimum handling of specific calls, your telephone can be assigned to a pickup group → Page 31 and/or a hunt group.

Your administrator can incorporate multiple telephones in a hunt group. If your telephone is assigned to a hunt group, OpenScape Voice forwards calls for the members of your group in accordance with specific rules defined by your administrator. Hunt groups are a simple solution for distributing calls to a group of telephones.

If you want another member of the group to pick up an incoming call, you can set your telephone to signal the busy status for your line to the other members of the hunt group. Hunt group calls will then no longer be forwarded to your telephone.

### Making a line busy

This prevents this line being used for calls in a hunt group.

#### Activating



Lift the handset.



Enter the code (see the table of codes → Page 118).



Wait until you hear the confirmation tone.

#### Deactivating

Make the line free once more for the hunt group.



Lift the handset.



Enter the code (see the table of codes → Page 118).



Wait until you hear the confirmation tone.

## Marking the last line in the hunt group chain

Sets the "stop hunt" line in the hunt group chain. The system will stop looking for a free line in the hunt group chain after it reaches this line.

### Activating



Lift the handset.



Enter the code (see the table of codes → Page 118).



Wait until you hear the confirmation tone.

### Deactivating

Unmark the line as the end of the hunt group chain.



Lift the handset.



Enter the code (see the table of codes → Page 118).



Wait until you hear the confirmation tone.

## Reachability

You can make either serial calls or simultaneous calls on several sites. The features for this are

- Serial call
- Parallel call

**Prerequisite:** The administrator has configured the respective feature for your main number in OpenScape Voice.

## Serial call

### Managing number lists/activating serial call

Before the serial call number can be activated, a serial call list must be created. This can be prepared either by administrator or you can create it yourself later. Up to six numbers can be entered in the list for sites on which incoming calls including your main number should be signalled sequentially. Each number can consist of up to 30 digits.



Lift the handset.

Enter the code for the edit mode (see code table → Page 118).

The edit mode opens and you hear an announcement with the following information:

- Feature name
- Current status (active/inactive)
- Number of numbers currently on the serial call list

You are prompted to do one of the following:

- Activate/deactivate the feature (only if numbers are already entered in the list)
- Call up the numbers currently entered in the list.
- Add or delete numbers
- Repeat the options in edit mode

If the serial call list is still empty, you are prompted to enter numbers in the list. As soon as you have entered a valid number, the serial call can be activated.

If the serial call is activated, incoming calls are first routed to your phone. If you do not answer within the timeframe defined by the administrator, the next destination phone rings for the configured period of time. The caller is informed that the call is being routed to another station. The connection is established with the first phone that accepts the call.

If the call is not answered by any phone, it is forwarded to the configured forwarding destination (on no reply) or to a "rejection announcement".

## Parallel call

### Managing number lists/activating parallel call

Before the parallel call feature can be activated, a parallel call list must be created. This can be prepared either by administrator or you can create it yourself later. Up to six numbers can be entered in the list for sites on which incoming calls including your main number should be signalled sequentially. Each number can consist of up to 30 digits.



Lift the handset.

Enter the code for the edit mode (see code table → Page 118).

The edit mode opens and you hear an announcement with the following information:

- Feature name
- Current status (active/inactive)
- Number of numbers currently on the parallel call list

You are prompted to do one of the following:

- Activate/deactivate the feature (only if numbers are already entered in the list)
- Call up the numbers currently entered in the list.
- Add or delete numbers
- Repeat the options in edit mode

If the parallel call list is still empty, you are prompted to enter numbers in the list. As soon as you have entered a valid number, the parallel call can be activated.

If the parallel call is activated, incoming calls are routed to your phone and all other destination phones in the parallel call list. The connection is established with the first phone that accepts the call.

If the call is not answered by any phone, it is forwarded to the configured forwarding destination (on no reply) or to a "rejection announcement".

### Activating/deactivating parallel call via code

You can activate/deactivate the parallel call without having to change to edit mode.

**Prerequisite:** You have already entered numbers in the parallel call list.



Lift the handset.

Enter the code to activate or deactivate the parallel call (see code table → Page 118).

## Parking a call

If you have answered a call for a colleague and cannot forward it to him, you can park the call.

### Call park



You are conducting the call. Let the other party know, e.g. that you are trying to connect him.



Enter the code for parking followed by a line number (see code table → Page 118).

You receive a confirmation tone. The caller hears a waiting melody.



Replace the handset

Tell your colleague that a call for him is parked and give him the line number.

### Unparking

To unpark the call, your colleague must proceed as follows:



Lift the handset.



Enter the unparking code (see code table → Page 118). He is prompted to enter a line number.



Enter the specified line number.



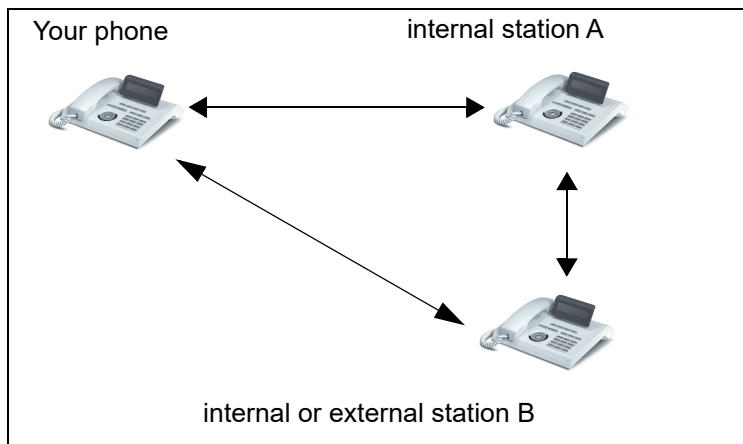
Your colleague is now connected with the waiting caller.

## Silent Monitoring

If this function has been configured by the administrator and enabled for the destination phone, you can join an active call of an internal station and listen in with the knowledge of the target station (active) or unnoticed (muted).

### Active silent monitoring

Station A and B are on a call. You want to listen to the call and talk to Station A and B.



All callers can hear and speak to each other.



Lift the handset.



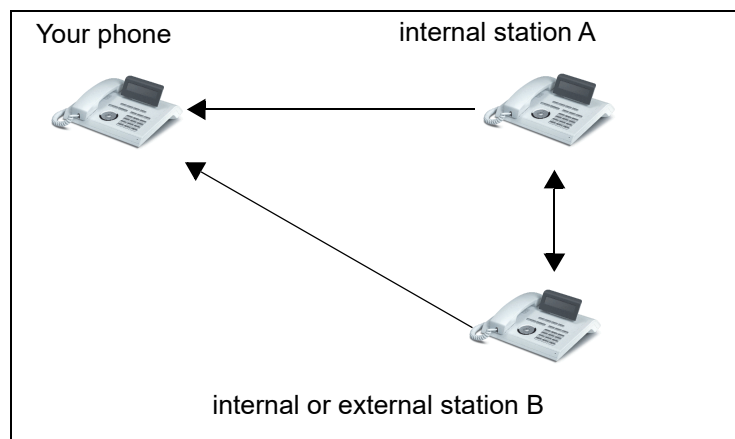
Enter the code for active silent monitoring and the destination number for station A (see code table → Page 118). You are connected to the call and can listen. If necessary make yourself known.



End the silent monitoring by replacing the handset.

## Muted silent monitoring

Station A and B are on a call. You want to monitor the call but so that neither station notices.



- You can hear station A but cannot talk to him because he cannot hear you
- You can hear station B but cannot talk to him because he cannot hear you.
- Station A and B can hear and speak to each other.



Lift the handset.



Enter the code for muted silent monitoring and the destination number for station A (see code table → Page 118). You are connected to the call and can listen unnoticed.



End the silent monitoring unnoticed by replacing the handset.

## One-way Intercom and Two-way Intercom function

With One-way Intercom or Two-way Intercom, the loudspeaker or speakerphone function of a destination phone is activated automatically when the connection is established. Use of these functions is conceivable for example between an executive and secretary or between a doctor and receptionist.

Possible functions include:

- Voice calling with variable input of member number
- Two-way voice calling (not OpenStage 20 E) with variable input of member number

### Prerequisites:

- The team member belongs to the same collective group as you and has likewise been assigned a member number.
- The team member's phone has a loudspeaker (One-way Intercom) and/or a speakerphone function (Two-way Intercom).
- Automatic answering is activated for the team member.
- The team member's phone is idle.
- The member numbers of the callers are known for the One-way Intercom and Two-way Intercom functions.

You can cancel One-way Intercom or Two-way Intercom by replacing the handset or – during a consultation – resume the held call.

Two-way Intercom connections can be established from the following states:

- In idle status
- During manual call holding
- In a consultation



Functions such as "call forwarding" or "do-not-disturb" are temporarily disabled on the destination caller's phone by the One-way Intercom and Two-way Intercom functions.

## One-way Intercom

From your phone, you can directly call any team member whose telephone has a loudspeaker.

### One-way Intercom with variable input of member number



Lift the handset.



Enter the code for One-way Intercom (see code table → Page 118) followed by the one or two-digit member number of the respective team member.



As soon as the connection has been established, you will hear a confirmation tone and can speak to the other party via the loudspeaker.



To end the call, simply hang up.

## Two-way Intercom (not for OpenStage 20 E)

From your phone, you can directly call any team member whose telephone has a speakerphone function. The loudspeaker and microphone of the destination phone are switched on automatically.

### Two-way Intercom with variable input of member number



Press the key to use your speakerphone function.



Enter the code for Two-way Intercom (see code table → Page 118) followed by the one or two-digit member number of the respective team member.



As soon as the connection has been established, you will hear a confirmation tone and can reach the destination caller via this caller's speakerphone function.

## Announcing the local phone number

You can use this function in order, for example, to identify the phone number of a phone in a conference room if it is not indicated on the display.



Lift the handset.



Enter the code for "Announcing the local phone number" (see code table → Page 118). The phone number is announced.



Then hang up.

## Dialling the last caller

You can retrieve and dial the phone number of the last answered or dialled caller. The following two functions could be used alternatively if you have disabled the call journal → Page 91.

## Retrieving and dialling the last answered caller

The following phone numbers can be saved for retrieval:

- The last answered call
- The last missed call
- The last picked up call (group call)

Lift the handset.

Enter the code for dialling the last answered caller (see code table → Page 118). The phone number is dialled and the connection is established.

## Retrieving and dialling the phone number of the last caller dialled

Instead, you can also use the normal redial functions of your phone as usual.

Lift the handset.

Enter the code for dialling the last caller dialled (see code table → Page 118). The phone number is dialled and the connection is established.

## Picking up out-of-hours calls

If your switchboard is no longer attended after a certain time, an out-of-hours call function can be configured on one or more phones for this period.

For example, if you hear one of the phones that has an out-of-hours call function configured ringing when the office is closed, you can pick up the call early from your phone.

You can also forward your phone to the phone with the out-of-hours call function before leaving the office so that colleagues who have not yet left can pick up calls for you.

Lift the handset.

Enter the code (see code table → Page 118) for the out-of-hours call pickup in order to pick up the ringing call.



You can also configure a key for picking up out-of-hours calls.

## Code table for OpenScape Voice functions

Ask your administrator to enter the latest codes in the following table. Print this page as an overview.

Function	Code	Description
Making anonymous calls off		→ Page 104
Making anonymous calls on		→ Page 104
Making anonymous calls temporarily on		→ Page 104
Making anonymous calls temporarily off		→ Page 105
List for selective call acceptance		→ Page 106
List for selective call rejection		→ Page 106
Rejecting anonymous calls		→ Page 107
Accepting anonymous calls		→ Page 107
Using abbreviated dialling		→ Page 107
Call tracing		→ Page 107
Making a line busy on		→ Page 108
Making a line busy off		→ Page 108
End of hunt group chain on		→ Page 109
End of hunt group chain off		→ Page 109
Edit mode for serial call		→ Page 110
Edit mode for parallel call		→ Page 111
Activating a parallel call		→ Page 111
Deactivating a parallel call		→ Page 111
Parking a call		→ Page 112
Unparking a call		→ Page 112
Active silent monitoring		→ Page 113
Muted silent monitoring		→ Page 114
One-way Intercom		→ Page 116
Two-way Intercom		→ Page 116
Announcing the local phone number		→ Page 116
Last answered caller		→ Page 117
Last dialled caller		→ Page 117
Picking up out-of-hours calls		→ Page 117

## Impact Levels

Communication in a Public Sector Network (PSN) is split into areas of different Impact Levels (**IL**). The Impact Level dictates how you as a user should conduct the telephone call in question. It is described below how to determine whether your call partner belongs to a lower Impact Level when the connection is being established or has been established.

Calls with a low Impact Level are treated in a particular way, either through their own icons, text labels and/or a special ringtone. It should be noted that the Impact Level causes no restriction when using the phone either during or prior to connection. Calls of the same or a higher Impact Level **IL** are not identified in any particular way.



---

To ensure unrestricted functionality of the Impact Level function, the advisory tone must be disabled for unsecured voice connections (→ Page 133).

---

## Answering a call with a lower Impact Level

**Prerequisite:** The administrator has assigned separate call signals for calls with a lower Impact Level.

### Answering a call

The phone rings with the defined ringtone for calls with a lower Impact Level.

The caller is shown with a special icon and the advisory "**Lower IL**".

Lift the handset.

You can also answer the call if appropriate using the loudspeaker key or via the headset.

### Answering forwarded calls

The phone rings with the defined ringtone for calls with a lower IL.

The caller is shown with a special icon, the forwarding icon and the advisory "**Lower IL**".

Lift the handset.

You can also answer the call if appropriate using the loudspeaker key or via the headset.

### Answering a second call

The phone rings with the defined ringtone for second calls with a lower IL.

The caller is shown with a special icon and the advisory "**Lower IL**".

Lift the handset.

You can also answer the call if appropriate using the loudspeaker key or via the headset.

## Calls to a lower Impact Level

If you are calling a partner with a lower IL, this will be displayed when the connection is established.

### Off-hook dialling

Lift the handset.

Enter the station number.

In the pop-up menu:

Confirm or wait until the dial delay expires (see → Page 76).

In the pop-up menu:

Confirm the option shown<sup>1</sup>.

The connection is set up. A special icon and the advisory "**Lower IL**" are shown on the display.



You can also set up the connection with on-hook dialling via the loudspeaker (speakerphone mode) or via a connected headset.

### Forwarding a call with a lower IL

If you are forwarding a partner with a lower IL to a partner with a higher IL, this will be displayed when the connection is established.

**Prerequisite:** The Deflect function is approved by the administrator.

A call with a lower IL rings.

Select and confirm the option shown.

Enter and confirm the phone number.

The connection is set up. A special icon, the forwarding icon and the advisory "**Lower IL**" are shown on the display.



1. Please note the information in relation to the call journal on → Page 36

## Conducting a call with a lower Impact Level

If you have answered a call with a lower IL, this will be documented on the display.

### Conducting a call

You are connected with the partner from a lower IL zone. The advisory "**Lower IL**" is displayed in the second call line.

### Holding a call

If the held call has the status of a lower IL, the advisory "**Lower IL**" will also be displayed.

### Conference

You are connected with two or more partners in a conference call. At least one of the partners belongs to the lower IL zone. The advisory "**Lower IL**" is displayed in the "Conference" line.

### Reconnecting

You have ended a consultation call for example by replacing the handset. The held partner is awaiting retrieval.

If the held call has the status of a lower IL, the advisory "**Lower IL**" will also be displayed.

Retrieve held call

Confirm the option shown. You are reconnected with the first partner.

### IL alarm

If you have activated a IL alarm (→ Page 138), you will see an advisory on the display and a defined ringtone rings if the IL changes from a higher to a lower IL. This can happen for example when a call is picked up.

# Individual phone configuration

## Display

### Adjusting the display to a comfortable reading angle

You can swivel the display unit. Adjust the display unit so that you can clearly read the screen.

### Setting contrast

The display has multiple contrast levels that you can set according to your light conditions.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select the option shown and confirm twice.



Settings

User

if nec.



Phone?

Display?



Contrast: =



Option = Save & Exit



## Date and time

This function allows you to select one of three different display modes for the date and manually set the time if necessary.

You can also configure these settings via the WBM interface → Page 151.

### Setting the time

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The time set is displayed.

Enter and confirm the time.

Select the option shown and confirm twice.

### Setting the date

Press the key shown.

Select and confirm the option shown.

Confirm.

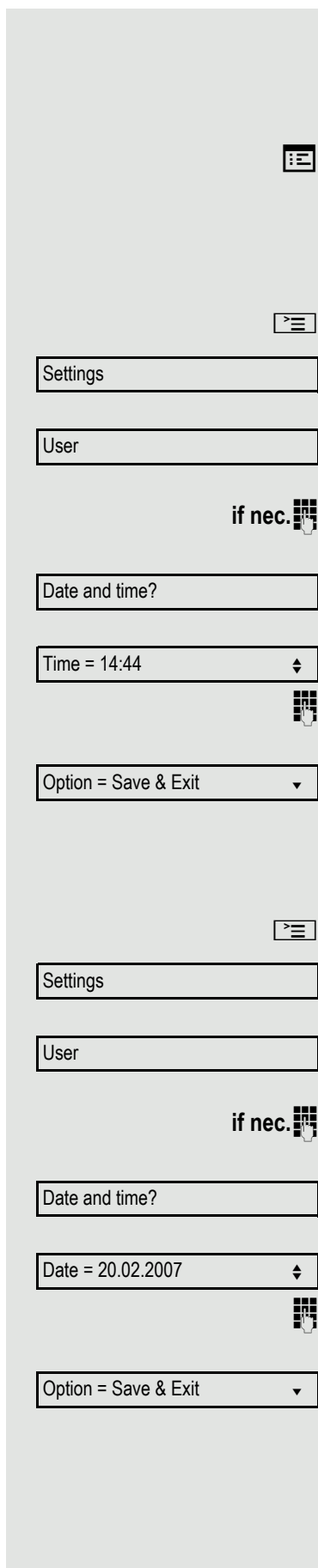
Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The date set is displayed.

Enter and confirm the date.

Select the option shown and confirm twice.



## Setting daylight saving time

**Prerequisite:** Auto DST is deactivated → Page 126.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The time set is displayed.

Confirm.

Select the option shown and confirm twice.

## Setting the difference between daylight saving and standard time

**Prerequisite:** Auto DST is deactivated → Page 126.

Enter the difference to be used for daylight saving time.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The difference set is displayed.

Enter and confirm the difference between daylight and standard time in minutes.

Select the option shown and confirm twice.

The image shows two screenshots of a phone's settings interface. The top screenshot shows the 'Settings' menu with 'Daylight saving = No' selected. The bottom screenshot shows the 'Settings' menu with 'Difference (mins) = 60' selected. Both screenshots show the 'Option = Save & Exit' button at the bottom.

## Automatic daylight saving time

The **Auto DST** setting is provided for information purposes and can only be changed by your administrator.

You can also access this information via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Daylight saving time must be manually set if a **No** is entered for **Auto DST** → Page 125.

## Time display format

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The format set is displayed.

Select and confirm the time format (12- or 24-hour display).

Select the option shown and confirm twice.

The image shows a vertical sequence of phone screen captures. The top section, titled 'Automatic daylight saving time', shows a 'Settings' menu with 'Auto DST' set to 'No'. Below this is a 'User' field and a prompt 'if nec.' followed by a keypad icon. The bottom section, titled 'Time display format', shows the same 'Settings' menu with 'Time format' set to '24 hours'. Below this are two options: '12 hours (AM/PM)' and 'Option = Save & Exit'.

## Date display format

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

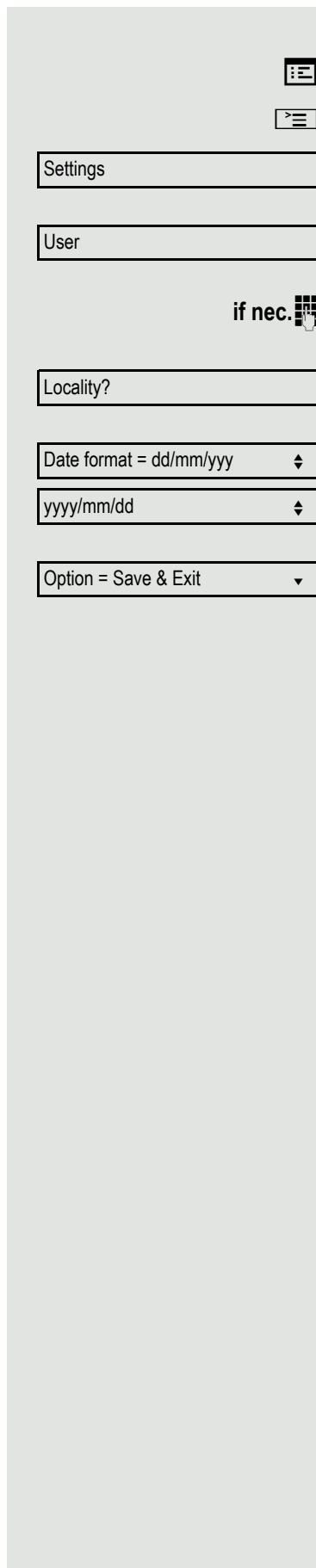
Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The format set is displayed.

Select and confirm the format you want.

Select the option shown and confirm twice.



The screenshot shows a vertical menu on a light gray background. At the top, there are two small icons: a list icon and a right arrow icon. Below these are two rectangular buttons: 'Settings' and 'User'. Further down, there is a label 'if nec.' followed by a small icon of a hand pointing at a screen. Below this is a 'Locality?' button. Then, there are two date format selection buttons: 'Date format = dd/mm/yyyy' and 'yyyy/mm/dd', both with up and down arrow icons. At the bottom, there is an 'Option = Save & Exit' button with a downward arrow icon.

## Audio

### Volumes

Use this selection to set the following volumes in 10 levels:

- Loudspeaker
- Ringer
- Handset
- Handsfree (OpenStage 20/20 G only)

You can also configure this setting via the WBM interface → Page 151.

Example: **Handset**:

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

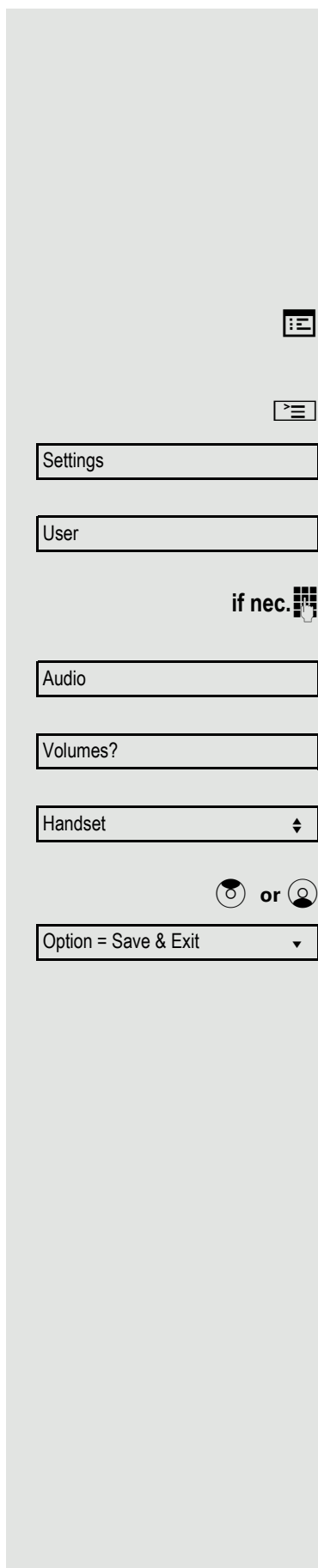
Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Set and confirm the volume.

Select the option shown and confirm twice.



## Settings

### Ringtone

If your administrator has loaded suitable files to the phone, you can select a ringtone file in \*.mp3 or \*.wav format for the ring tone. If no individual audio files are available the "pattern" ringtone is preset.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Required ringtone file<sup>[1]</sup> or "pattern". You will immediately hear the associated ringtone melody. Confirm current ringtone file.

Select the option shown and confirm twice.

### Pattern melody

You can also configure this setting via the WBM interface → Page 151.

**Prerequisite:** You have chosen the "pattern" ringtone, see → Page 129.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

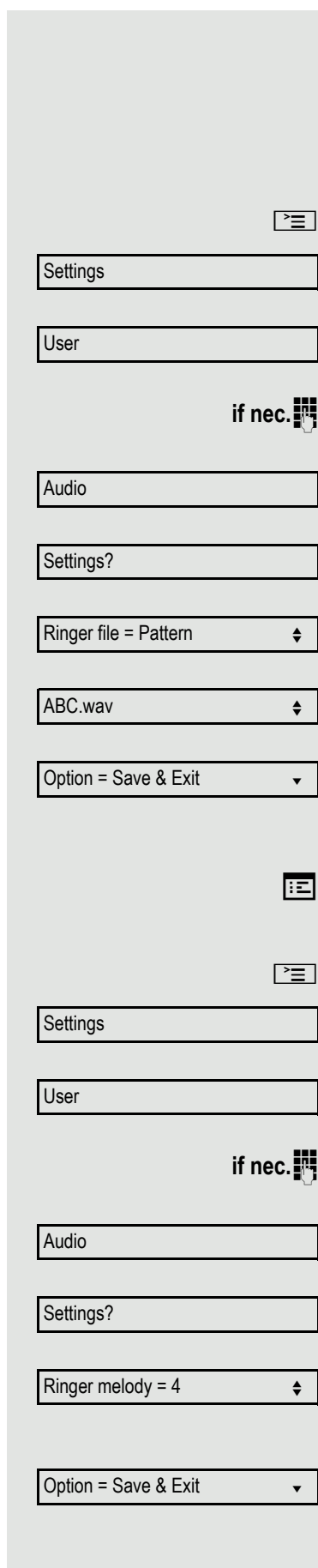
Select and confirm the option shown.

Select and confirm the option shown and then select the required pattern melody<sup>2</sup> between 1 and 8 (e.g. 4). You will immediately hear the corresponding Ringtone melody. Confirm the selected Ringtone melody.

Select the option shown and confirm twice.

1. The phone displays the current setting.

2. The phone displays the current setting



Settings

User

if nec.

Audio

Settings?

Ringer tone sequence = 2

Option = Save & Exit

### Pattern sequence

You can also configure this setting via the WBM interface → Page 151.

**Prerequisite:** You have chosen the "pattern" ringtone, see → Page 129.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.


Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown and then select the required Ringer tone sequence between 1 and 6 (e.g. **2**). You immediately hear the set Ringer melody with the chosen Ringer tone sequence. Confirm the selected setting.

Select the option shown and confirm twice.

## Room character

 Speakerphone mode is only available in OpenStage 20/20 G.

To ensure that the other party can hear you properly in speakerphone mode (only with OpenStage 20/20 G) you can adjust the phone to the room acoustics by choosing one of the following room characters: "Normal", "Echoing", "Muffled" .

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select the room type (for example "Normal") and confirm.

Select the option shown and confirm twice.

## Country setting for speakerphone mode

Configure the regional setting you prefer for speakerphone mode here (only with OpenStage 20/20 G) (see → Page 28).

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

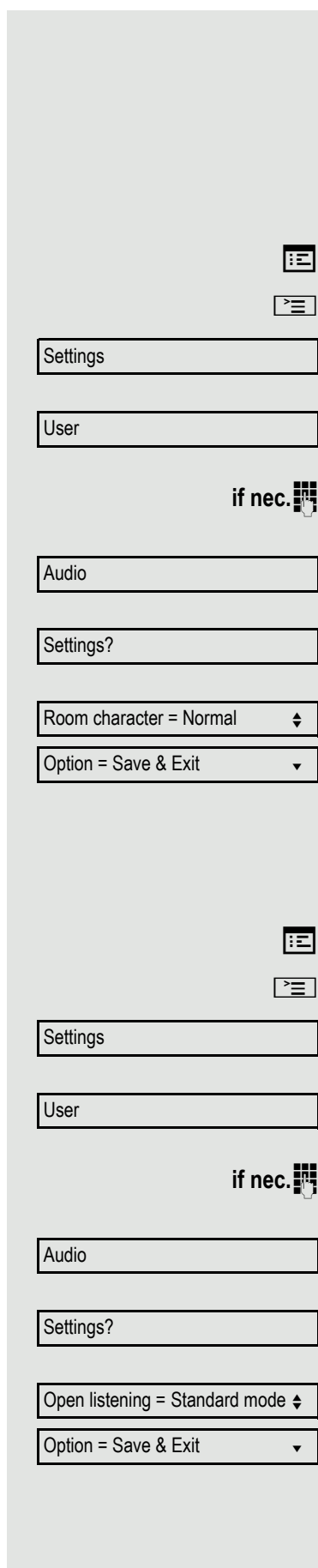
Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

Select the required setting ("standard mode" or "US mode") and confirm.

Select the option shown and confirm twice.



## Special ringtones

You can assign a special, individual ringtone to the following incoming calls and events in order to differentiate more easily between them:

- Internal
- External
- Recall (e.g. callback)
- Emergency
- Special 1
- Special 2
- Special 3

**Prerequisite:** Administrator has activated and assigned the special ringtones.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown.

The setting is made in the same way for all four types.

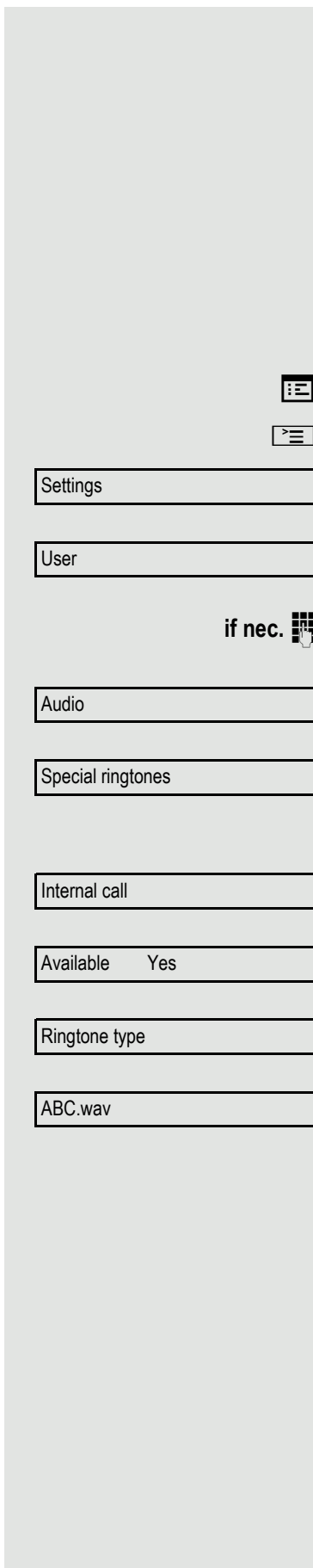
The setting for "Internal call" is described below by way of example.

Select and confirm the option shown.

"Yes" indicates that the special ringtone has been activated.

Select and confirm the option shown.

Select the required ringtone file<sup>[1]</sup> or "pattern". You will hear the associated ringer melody. Confirm the current ringtone file.



1. The phone displays the current setting

### Settings for the "Pattern" ringtone type

If you selected "pattern" as the ringtone type, you can make further settings for the pattern melody and pattern sequence:

Pattern melody

Select and confirm the option shown.

4

Select the required pattern melody between 1 and 8 (e.g. **4**). You will hear the associated Ringer melody. Confirm the selected Ringer melody.

Pattern sequence

Select and confirm the option shown.

2

Select the required Ringer tone sequence between 1 and 6 (e. g. **2**). You immediately hear the set Ringer melody with the selected Ringer tone sequence. Confirm the selected setting.

Save & Exit

Select and confirm the option shown.

### Tone and indication with an unsecured voice connection

Use this option to activate an alerting tone that you hear when a secure voice connection with the party you are currently talking to ceases to be secure. The message "Nonsecure connection" also appears.

**Prerequisite:** Secure connection setup is the preference set by your administrator.

You can also configure this setting via the WBM interface → Page 151.



N

Press the key shown.

Settings

Select and confirm the option shown.

User

Confirm.

if nec.

Enter and confirm the User password.

Configuration

Select and confirm the option shown.

Connected calls

Select and confirm the option shown.

Secure call alert

Select and confirm the option shown.

Yes

Select and confirm the option shown.

Save & Exit

Select and confirm the option shown.

## Key click

You can configure whether a key click should be audible when a key is pressed. You can also decide whether this should apply for all keys or only for the keys on the keypad. In addition, you can adjust the click volume or disable the sound.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the User password.

Select and confirm the option shown.

Select and confirm the option shown.

### Adjusting the volume for the Key click

Select and confirm the option shown.

For instance, select and confirm a medium volume level. You can also select one of the following three options:

- Low
- High
- Off (for no click)

### Key selection

Select and confirm the option shown.

Select and confirm if the setting is only to apply for the character input keys.

Select and confirm the option shown.

Confirm the option shown.

The screenshot shows a vertical menu of configuration options. At the top, there are two icons: a list icon and a right arrow icon. Below these are the following menu items: 'Settings', 'User', 'if nec.' (with a small icon), 'Phone', 'Key click', 'Volume', 'Medium', 'Keys', 'Keypad only', 'or', 'All keys', and 'Save & Exit'.

## Setting the language and country

### Selecting a language

Use this menu option to select the language for operator prompting.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

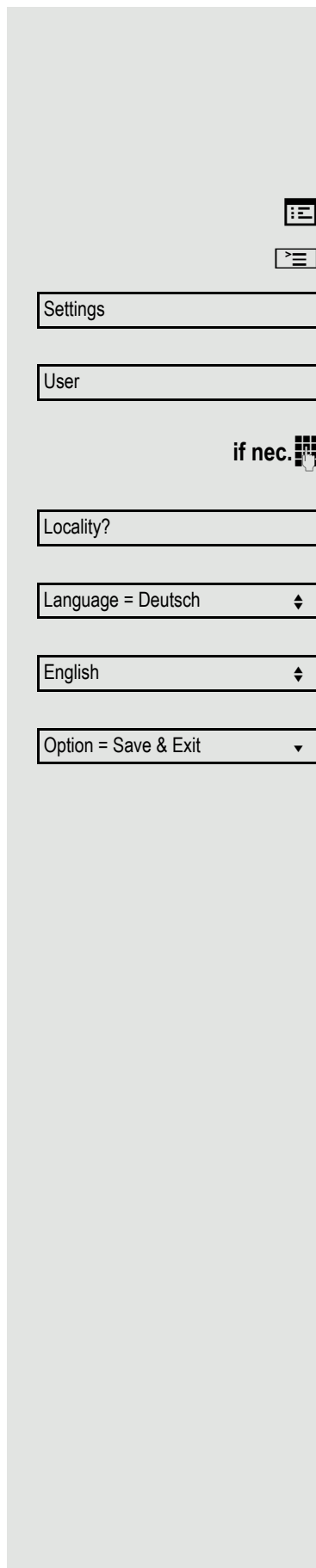
Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The language set is displayed.

Select and confirm to set the required language, in our example, English.

Select the option shown and confirm twice.



The screenshot shows a vertical menu with the following options and actions:

- Settings**: Press the key shown (represented by a key icon).
- User**: Confirm.
- if nec.**: Enter and confirm the user password.
- Locality?**: Select and confirm the option shown.
- Language = Deutsch**: Select and confirm the option shown. The language set is displayed.
- English**: Select and confirm to set the required language, in our example, English.
- Option = Save & Exit**: Select the option shown and confirm twice.

You may choose from the following languages:

1. Bahasa Indonesia
2. Bahasa Malaysia
3. Brasileiro
4. Català
5. Čeština
6. Cymraeg
7. Dansk
8. Deutsch
9. Eesti keel
10. English
11. English(US)
12. Español
13. Français
14. Hrvatski
15. Italiano
16. Latviešu Valoda
17. Lietuvių Kalba
18. Magyar
19. Nederlands
20. Norsk
21. Polski
22. Português
23. Română
24. Slovenčina
25. Slovenski Jezik
26. Srpski Jezik
27. Suomi
28. Svenska
29. Türkçe
30. Ελληνικά
31. Български
32. Македонски Јазик
33. Русский
34. Српски Језик
35. 中文
36. 日本語

## Locality

Adapt your phone settings to suit the relevant country-specific conditions (e.g., transmission parameters).

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The country set is displayed.

Select and confirm to set the country<sup>[1]</sup>, here US, for instance.

Select the option shown and confirm twice.

You may choose from the following countries:

1. ArgentinienAR		20.Luxembourg	LU
2. Australia	AT	21.Mexico	MX
3. Austria	AU	22.Netherlands	NL
4. Belgium	BE	23.New Zealand	NZ
5. Brazil	BR	24.Norway	NO
6. Canada	CA	25.Poland	PL
7. China	CN	26.Portugal	PT
8. Chile	CL	27.Russian Federation	RU
9. Croatia	HR	28.Singapore	SG
10.Czech Republic	CZ	29.Slovakia	SK
11.Denmark	DK	30.South Africa	ZA
12.Finland	FI	31.Spain	ES
13.France	FR	32.Sweden	SE
14.Germany	DE	33.Switzerland	CH
15.Hungary	HU	34.Thailand	TH
16.India	IN	35.Turkey	TR
17.Ireland	IE	36.United Kingdom	GB
18.Italy	IT	37.United States	US
19.Japan	JP	38.Vietnam	VN

1. The phone displays the current setting.

## Alarm on changing the Impact Level

If a call switches from a higher to a lower Impact Level, this will be indicated by the pop-up text **Lower IL change**.

You can also configure this setting via the WBM interface → Page 151.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

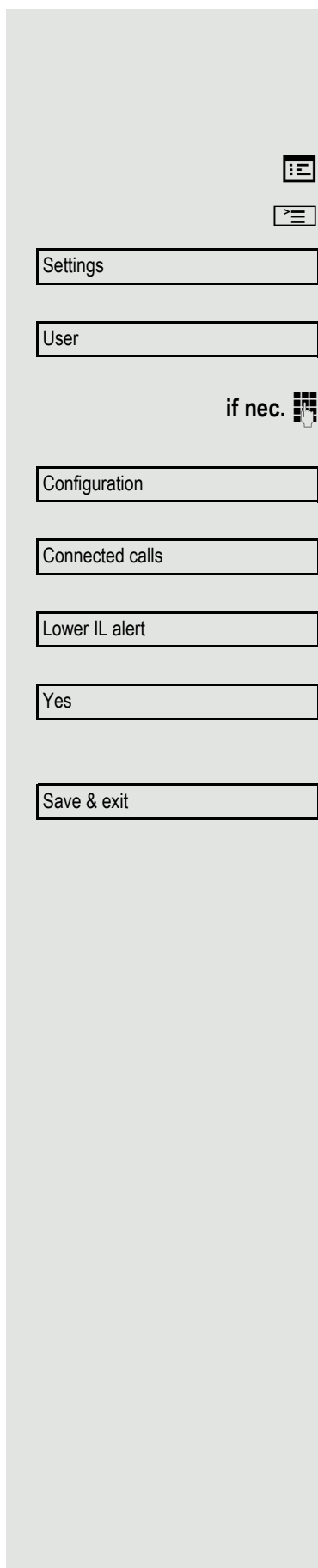
Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown.

Select and confirm the option shown in the context menu. The advisory function is activated.

Select and confirm the option shown.



## Network information

This overview in the user area of the Service menu provides you with information about the IP address of the phone and the HTML address of the WBM interface. It also provides real-time data about the network activity of the phone.

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown. You can browse the following overview:

**IP Address:** Displays the IP address or name which was assigned to the phone in the network.

**WBM URL:** HTTP address of the WBM interface. This address is specified in the address line of the Internet browser and is used to call the WBM interface of the phone in the browser.

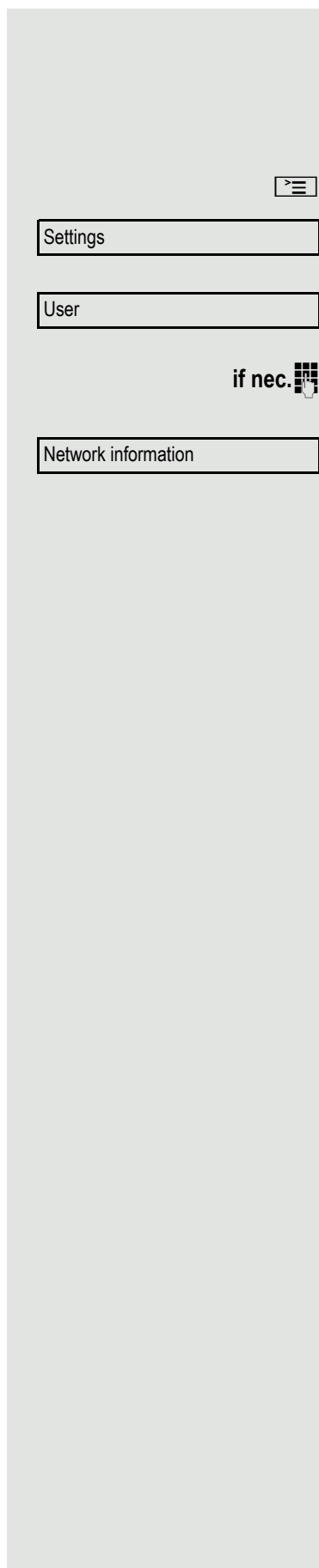
**DNS domain:** The DNS domain that can be assigned to the telephone in addition to the IP address (e.g. `http://my-openStage.phone/`).

**LAN/PC-RX:** The network or PC interface data packets received are illustrated dynamically as columns.

**LAN/PC-TX:** The network or PC interface data packets sent are illustrated dynamically as columns.

**LAN/PC autonegotiated: [Yes|No]:** Displays whether the network or PC interface data transfer rate is set to automatic (**Yes**) or manual (**?No**).

**LAN/PC information: [10|100|1000] Mbit/s:** Data transfer rate of the network or PC interface. If an interface is not in use, **Link down** is displayed.



## Resetting user data

The following user-specific settings changed via the phone menu or the WBM interface can be reset to factory settings.

- Display contrast
- Language setting
- Audio settings
  - Volumes
  - Settings
- Call lists
  - All entries are deleted

**Attention:** All data is reset **without** a warning tone.

## Initiating the reset

Press the key shown until the "Menu" tab is active.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

Select and confirm the option shown. The user data is reset to factory settings.



Settings

User

if nec.



Reset

Reset all user data

## Call recording

A central voice recorder is installed in the network for recording calls to which your telephone connects in order to record the current voice traffic. The recorder records the entire voice flow of two or more participants.

## Recording modes

The administrator can configure the following operating modes for call recording:

- Manual
- AutoStart
- All Calls
- Disabled

The following settings are possible to audibly signal the recording:

- Repeated
- Single Shot
- Off

Check with your administrator as to which settings were made for your phone.

### Mode: ALL CALLS

The telephone starts and stops the recorder automatically in order to ensure that all calls are being recorded.

### Mode: MANUAL

You decide when the recorder is started and stopped or paused. If the recorder is switched on, all further calls will be recorded. If you pause the recorder then nothing will be recorded. If there are no calls, then the recorder likewise pauses.

### Mode: AUTOSTART

The telephone starts the recorder automatically. You can stop or pause the recorder yourself however and restart it. If a call has already been recorded, new incoming and outgoing calls will also be recorded. If you pause the recorder during a call, special calls such as consultation calls, call pickups and second calls will not be recorded as long as the recorder is paused. If the telephone reverts to idle status, the AutoStart process is set up again for the next call.

## Explanations of recording

### Recordable calls

A recordable call is any call that has a call connection status on the telephone. This can be any incoming or outgoing call. It is immaterial here whether a call is set up directly via the telephone or via an application.

- Outgoing
- Incoming
- Consultation
- Pickup
- Reconnect
- Second call
- Connected call
- Conference<sup>1</sup>
- Automatic call acceptance
- Secured or unsecured line

### Non-recordable calls

- Outgoing calls that have not yet reached full connection status, such as a ringing call.
- Calls on hold

1. Server-based conference only

### Enhanced functions:


1. A conference<sup>1</sup> can be set up or cleared down during recording.
2. A consultation can be performed during recording.
3. Call transfer is also available during recording.
4. A second call can be accepted during recording.

### The following features are not supported:

1. Playing back recordings over the telephone.
2. Deleting recordings over the telephone.
3. Functions for editing recordings over the telephone.

### Recording tips

You will receive the following advisories while a call is being recorded:


- The recording symbol  on the display (permanent)
- Beep (repeated at intervals for you and your call partner)
- Beep (single at the start of recording for you and your call partner)

The audible advisory can also be switched off. Please check with the relevant administrator.

## Recording calls

### Automatic call recording

This is the simplest mode. If you have accepted a call or called a subscriber and the subscriber answers, the call is recorded automatically. Refer to → Page 142 to check which calls this can be.

As soon as the recording starts, you will see the recording symbol  and hear a beep (see also → Page 143).

You cannot pause the recording manually in this mode.

1. Server-based conference only

## Manual call recording

Activating or deactivating call recording when the telephone is in idle mode.

**Prerequisite:** Manual mode is selected.

Select the option shown in the telephone's context menu to enable the option.


or disable the option.

## Call recording with AutoStart

Standby mode is activated in principle in idle mode. You cannot switch off the recorder. As soon as a call is set up, call recording starts automatically.

Lift the handset.

Press the key shown.

The station answers. You hear a beep and the recording symbol  is shown on the display. The call is now being recorded (see also → Page 143)

You can pause the recording at any time and continue it again.

If you end the call, the AutoStart process is set up again for the next call.

Recording on?



Recording off?



or



or



## Controlling call recording

### Starting call recording manually during a call

**Prerequisite:** Manual mode or AutoStart is selected. You are conducting a call. Recording has not started.

You are conducting a call (see also → Page 142).


Select and confirm the option shown.

You hear a beep and the recording symbol  is shown on the display. The call is now being recorded (see also → Page 143).

### Pausing call recording manually during a call

**Prerequisite:** Manual mode or AutoStart is selected. You are conducting a call. Recording has started.


You are conducting a call (see also → Page 142).

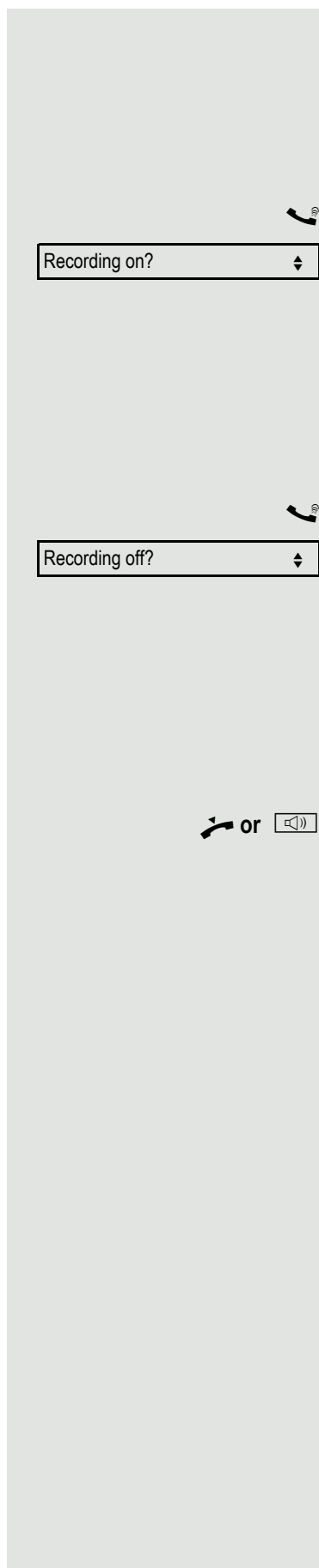
Select and confirm the option shown. The recording symbol  on the display disappears.

You can start the recording again at any time, for example to continue recording the current call.

### Ending call recording automatically

**Prerequisite:** You are conducting a call. Recording has started.


The recording is terminated automatically as soon as the call is ended. The recording symbol  on the display disappears.




## Consultation during call recording

**Prerequisite:** You are conducting a call. Recording has started.

You initiate a consultation – your main call is placed on hold as a result while the consultation is being performed.


The recording is paused while you initiate the consultation. The recording symbol  on the display disappears.

If the consultation partner answers, the consultation call is recorded. You hear a beep and the recording symbol  is shown on the display again.

You can now terminate the consultation call or for example switch back to the first call party (alternate) while the consultation call is placed on hold.

## Second call during call recording


**Prerequisite:** You are conducting a call. Recording has started.

You are conducting a call. You hear a beep and the recording symbol  is shown on the display. The call is now being recorded.

A second call party camps on → Page 65.

In the pop-up menu:

Select and confirm the option shown.


You are connected with the second party. You hear a beep and the recording symbol  is shown in the line for the second call – this call is now being recorded. The first party is placed on hold.




Accept

## Call recording while alternating

**Prerequisite:** You have an active or held consultation or second call. Recording has started.

You are connected with the second party. You hear a beep and the recording symbol  is shown in the line for the second call.


Confirm the option shown.


You are switched to the main call. You hear a beep and the recording symbol  is shown in the line for the main call – this call is now being recorded.

You can pause and restart the recording at any time in manual and auto start modes.

## Your call is paused and reconnected during the recording.

**Prerequisite:** You are conducting a call that is being recorded.

Your call partner has placed the call on hold. You hear the music on hold. The recording is paused and the recording symbol  has disappeared from the display.

Your call partner resumes the call. You hear a beep and the recording symbol  is shown on the display.



Alternate



## Setting up a conference during recording

**Prerequisite:** You are conducting a consultation call → Page 37 or you have accepted a second call → Page 65 and the "System conference" feature was configured by the administrator. Recording has started. The main call is placed on hold.


Select and confirm the option shown in the connection's context menu. You are connected to both parties at once. The conference is displayed with the current participants.

You hear a beep and the recording symbol  is shown in the "Conference" line.


## Adding conference participants during the recording

**Prerequisite:** You have set up a conference. The "System conference" feature was configured by the administrator. The conference call is now being recorded.

You have performed a consultation or accepted a second call (→ Page 37 or → Page 65). The conference call is placed on hold.


You hear a beep and the recording symbol  is shown in the line for the consultation or second call. The call is now being recorded.


Select the option shown in the context menu for the consultation or second call in order to include the new participant in the conference.

You hear a beep and the recording symbol  is shown again in the "Conference" line.

## Your call is included in a conference during the recording.

**Prerequisite:** You are conducting a call that is being recorded. You are to be included in a conference by your call partner. You are placed on hold while the conference is being set up.

You hear the music on hold while your call partner is setting up the conference. The recording is paused and the recording symbol  has disappeared from the display.

Your call partner answers again and you are connected to the conference. You hear a beep and the recording symbol  is shown in the "Conference" line. The conference call is now being recorded.

Conference



Conference



## Diagnostic Information

This information overview in the user area of the service menu provides you with information on the current configuration of the telephone:

Press the key shown.

Select and confirm the option shown.

Confirm.

Enter and confirm the user password.

Select and confirm the option shown.

You see a numbered list of telephone parameters with the current settings.

You can see a more structured view of the list via the WBM interface

→ Page 151:

Example:

Diagnostic.Information		
2011-05-25 08:14:34		
00	terminal.number:	3336
01	sip.server:	192.168.1.240
02	sip.port:	5060
03	sip.registrar:	192.168.1.240
04	sip.registrar.port:	5060
05	sip.gateway:	192.168.1.240
06	sip.transport:	UDP
07	sip.gateway.port:	5060
08	server.features:	No
09	dns.results:	5060
10	multiline:	No
11	registered.lines:	5060
12	backup.active:	Yes
13	backup.proxy:	
14	software.version:	V3 R0.24.0 SIP 110514
15	display.message:	None
16	last.restart:	25-5-2011 8:12:15
17	memory.free:	24,574K free
18	ip.adress:	192.168.1.41
19	subnet.mask:	255.255.255.0
20	default.route:	192.168.1.2
21	primary.dns:	192.168.1.105
22	secondary.dns:	192.168.1.2
23	route.1.ip:	
24	route.1.gateway:	None

Settings

User

if nec.

Diagnostic information

Diagnostic Information		
25	route.1.mask:	None
26	route.2.ip:	None
27	route.2.gateway:	None
28	route.2.mask:	None
29	mac-address:	0001e32faf10
30	discovery.mode:	Manual
31	dhcp.reuse:	No
32	lan.port.type:	0
33	pc.port.status:	None
34	pc.port.type:	0
35	pc.port.autoMDIX:	No
36	vlan.id:	
37	qos.layer.2:	Yes
38	qos.layer.2.voice:	5
39	qos.layer.2.signalling:	None
40	qos.layer.2.default:	0
41	qos.layer.3:	Yes
42	qos.layer.3.voice:	13
43	qos.layer.3.signalling:	7
44	lldp.med.operation:	Yes


## Web interface (WBM)

### General

You can configure a number of settings for your phone via the WBM interface. Communication is via a secure HTTPS connection. Access to the WBM interface must be activated by administrator.

### Calling up the WBM interface

---

 For more information on the IP address, the WBM interface address, and how to connect the telephone to the network, refer to the section entitled "Network information" → Page 139.

---

To call up the interface, open a Web browser and enter the following:

**https://[IP address of the phone]**


[IP address of the phone] is the IP address of your phone.

or

**https://[Name of the phone]**

[Name of the phone] which was assigned by administrator.

---

 You might receive a certificate notification from the browser. Follow the instructions to download the certificate.

You will be prompted to configure a user password the first time you call up the WBM interface → Page 95. You must log on with this password in future every time you want to open the User Pages.

---

### Administrator Pages

This area lets you configure settings for administering your phone and the network environment. Access to the Administrator Pages is protected by the admin password. For more information, contact your administrator or refer to the administration manual.

## User pages

The WBM interface homepage opens once you have entered and confirmed the phone's IP address.

1. Click a menu heading to display the individual menu entries. Click the menu heading again to close the menu.
2. Click a menu entry to open the corresponding form.
3. Make the desired changes.
4. Click the corresponding button to save or discard your changes.

### Button functions

- "Login": Log on to the phone after you have entered the user password
- "Submit": Apply changes
- "Reset": Reset original values
- "Refresh": Update the values.
- "Logout": Log off the phone

## User menu

All settings can be made via the user menu of the WBM interface as well as via the phone's user menu.

## User Pages

User login ☎ → Page 95

### Date and Time






















- Local time ☎ → Page 124
- Local date (day, month, year) ☎ → Page 124
- Allow daylight saving ☎ → Page 125
- Difference (minutes) ☎ → Page 125
- Auto time change ☎ → Page 126

### Audio


- Standard Ringer
  - Ringer melody (☎ → Page 129)
  - Ringer tone sequence (☎ → Page 130)
  - Ring file (☎ → Page 129)
  - Room Character (☎ → Page 131)
  - Open listening (☎ → Page 131)
- Special ringers ☎ → Page 132
  - Internal
  - External
  - Recall (e.g. callback)
  - Emergency
  - Special 1
  - Special 2
  - Special 3

## Configuration





- Outgoing calls
  - Autodial delay (seconds) ☎ → Page 76
  - Callback option ☎ → Page 41
  - Allow busy when dialling ☎ → Page 78
  - Allow transfer on ring ☎ → Page 72
  - Allow immediate dialling ☎ → Page 35
- **Incoming calls**
  - Deflecting
    - Allow deflection (☎ → Page 58)
    - Default deflect destination ☎ → Page 58
  - Forwarding (advanced call forwarding, see → Page 50)
- Forwarding
  - Settings
    - Forwarding Favorites Destination 1 to Destination 5 ☎ → Page 45
    - Forward all calls allowed ☎ → Page 48
    - to ☎ → Page 47
    - Direct destination ☎ → Page 44
    - Forward on busy allowed ☎ → Page 48
    - to ☎ → Page 47
    - Direct destination ☎ → Page 44
    - Forward on no reply allowed ☎ → Page 48
    - to ☎ → Page 47
    - Direct destination ☎ → Page 44
    - No reply delay (seconds)<sup>[1]</sup> ☎ → Page 49

- Alerts
  - Visual alerts  → Page 60
  - Audible alerts  → Page 60
  - Forwarding party  → Page 60
- Handling
  - Allow call waiting  → Page 68
  - Allow DND  → Page 94
  - Allow busy when dialling  → Page 78
- CTI calls
  - Allow auto-answer  → Page 73
  - Allow beep on auto-answer  → Page 73
  - Allow beep on auto-reconnect  → Page 74
- Connected calls
  - Allow call transfer  → Page 71
  - Allow call joining  → Page 39
  - Allow exit conference  → Page 81
  - Allow hold reminder  → Page 62
  - Hold reminder delay (minutes)  → Page 62
  - Hold and hang-up  → Page 63
  - Allow music on hold  → Page 64
  - Allow conferences  → Page 80
  - Allow secure call signalling  → Page 133
  - Toggling associate → Page 69
  - Lower IL alert (for GB only)
  - Lower IL alert  → Page 138
- **Call logging**
  - General
    - Enable call log  → Page 91
  - Missed calls<sup>1</sup>  → Page 92
    - Answered elsewhere
    - Delete entry

## Phone

- Display settings
  - Contrast  → Page 123
- Key click
- Volumes
  - Off
  - Low
  - Medium
  - High
- Keys
  - Keypad only
  - All keys

## Locality

- Country  → Page 137
- Language  → Page 135
- Date format  → Page 127
- Time format  → Page 126




1. Only if "Server features" was deactivated by your administrator


1. Operation of the missed calls logging function for "Answered elsewhere" is dependent on support by the SIP server

**Security**

- Password
- Old password
- User password  → Page 95
- Confirm password  → Page 95

**Phonebook**

- Contact list  → Page 84
- New contact  → Page 84
  - Last name
  - First name
  - Number
- Delete all contacts  → Page 85
  - Confirm delete

Diagnostic Information  → Page 149

## Fixing problems

### Caring for your telephone

- Never allow the telephone to come into contact with colouring, oily or aggressive agents.
- Always use a damp or antistatic cloth to clean the telephone. Never use a dry cloth.
- If the telephone is very dirty, clean it with a diluted neutral cleaner containing surfactants, such as a dish detergent. Afterwards remove all traces of the cleaner with a damp cloth (using water only).
- Never use cleaning fluids containing alcohol or plastic-damaging detergents to clean the telephone. The use of scouring agents is also forbidden.

### Troubleshooting

#### Pressed key does not respond:

Check if the key is stuck.

#### The phone does not ring on call:

Check whether the ringtone is deactivated (see icon in the status bar on the display → Page 94). If it is deactivated, activate the ringtone

#### You cannot dial a number:

Check whether your telephone is locked ("Phone locked. To unlock enter the PIN" appears on the screen). If the phone is locked, unlock it.

#### To correct any other problems:


First contact the relevant administrator. If the administrator is unable to correct the problem, contact Customer Service.

### Contact partner in the case of problems

Contact your administrator if a fault persists for more than five minutes, for example.

## Local user menu

### Opening the user menu on the phone

To open the user menu, press the  key.

On the **Settings** tab, select the **User** menu option. You are prompted to enter the User password → Page 95. Confirm this with **OK**. The options of the user menu are available.

### User menu display

The majority of settings that can be made via the user menu on the phone, can also be made via the WBM interface → Page 151.

Changes are usually confirmed using the **Save & Exit** option or discarded using the **Exit (no save)** option.







The options grayed out are not available on the OpenStage 15 or have no function.

#### **User**

##### **Date and time?**

- Time = hh:mm → Page 124
- Date = DD.MM.YYYY → Page 124
- Daylight saving = Yes → Page 125
- No?
- Return?
- Difference (mins) = mm → Page 125
- Auto DST = Yes/No → Page 126
- Save & Exit
- Exit (no save)

##### **Audio?**

- Volumes?
- Loudspeaker =  → Page 128
- Ringer =  → Page 128
- Handset =  → Page 128
- Headset =  → Page 128
- Handsfree =  → Page 128
- Rollover = 
- Save & Exit
- Exit (no save)
- Settings?
- Ringtone = Ring file → Page 129
- Pattern?
- Ringer1.wav?
- Ringer2.wav?
- Ringer3.wav?
- Ringer4.wav?
- Ringer5.wav?
- Ringer6.wav?
- Return?
- Ringer melody = 2 → Page 129
- 1?
- 2?

- 3?
- 4?
- 5?
- 6?
- 7?
- 8?
- Return?
- Ringer tone sequence= 1 → Page 130
  - 1?
  - 2?
  - 3?
  - 4?
  - 5?
  - 6?
  - Return?
- Room character = Normal → Page 131
  - Normal?
  - Echoing?
  - Muffled?
  - Return?
- Open listening = Standard mode → Page 131
  - Standard mode?
  - US mode?
  - Return?
- Save & Exit
- Exit (no save)
- Return?
- Special ringtones? → Page 132
  - Internal
    - Available = Yes/No
    - Ringtone = Ring file
    - Ringer melody = 2
    - Ringer tone sequence= 1
    - Save & Exit
    - Exit (no save)
  - External
    - Available = Yes/No
    - Ringtone = Ring file
    - Ringer melody = 2
    - Ringer tone sequence= 1
    - Save & Exit
    - Exit (no save)
  - Recall
    - Available = Yes/No
    - Ringtone = Ring file
    - Ringer melody = 2
    - Ringer tone sequence= 1
    - Save & Exit
    - Exit (no save)
  - Emergency call
    - Available = Yes/No
    - Ringtone = Ring file
    - Ringer melody = 2
    - Ringer tone sequence= 1
    - Save & Exit
    - Exit (no save)
  - Special 1

- Available = Yes/No
- Ringtone = Ring file
- Ringer melody = 2
- Ringer tone sequence= 1
- Save & Exit
- Exit (no save)
- Special 2
  - Available = Yes/No
  - Ringtone = Ring file
  - Ringer melody = 2
  - Ringer tone sequence= 1
  - Save & Exit
  - Exit (no save)
- Special 3
  - Available = Yes/No
  - Ringtone = Ring file
  - Ringer melody = 2
  - Ringer tone sequence= 1
  - Save & Exit
  - Exit (no save)
- Back


#### ⊞ User Configuration?

- **Outgoing calls?**
  - Autodial delay = 6 → Page 77
    - 1?
    - 2?
    - 3?
    - 4?
    - 5?
    - 6?
    - 7?
    - 8?
    - 9?
    - Return?
  - Callback = No → Page 41
    - Yes?
    - Return?
  - Busy when dialling = Yes → Page 78
    - No?
    - Return?
  - Transfer on ring = Yes → Page 72
    - No?
    - Return?
  - Immediate dialing = Yes → Page 35
    - No?
    - Return?
  - Save & Exit
  - Exit (no save)
- **Incoming calls?**
  - Deflecting?
    - Allow deflection = Yes → Page 58
      - No?
      - Return?
    - Default destination = → Page 58
  - Save & Exit
  - Exit (no save)

- Forwarding? (advanced call forwarding, see → Page 50)
- Settings?
  - ☐ All calls: 12345 → Page 48
    - Turn on?
  - Enter destination → Page 45
  - List of saved numbers, if applicable
  - Edit favorites → Page 45
    - Destination 1
    - Destination 2
    - Destination 3
    - Destination 4
    - Destination 5
    - Save & Exit
      - Exit (no save)
  - Copy → Page 46
  - Paste (if copying is active) → Page 46
  - Return
  - ☐ Busy: 12345 → Page 48
    - Turn on?
  - Enter destination → Page 45
  - List of saved numbers, if applicable
  - Edit favorites → Page 45
    - Destination 1
    - Destination 2
    - Destination 3
    - Destination 4
    - Destination 5
    - Save & Exit
      - Exit (no save)
  - Copy → Page 46
  - Paste (if copying is active) → Page 46
  - Return
  - ☐ No reply: 12345 → Page 48
    - Turn on?
  - Enter destination → Page 45
  - List of saved numbers, if applicable
  - Edit favorites → Page 45
    - Destination 1
    - Destination 2
    - Destination 3
    - Destination 4
    - Destination 5
    - Save & Exit
      - Exit (no save)
  - Copy → Page 46
  - Paste (if copying is active) → Page 46
  - Return
  - Set delay = 16<sup>[1]</sup> → Page 49
- Alerts
  - Visual alerts = No → Page 60
    - On?
    - Return?
  - Audible alerts = No → Page 60
    - On?
    - Return?
  - Forwarding party = Display last → Page 60

1. Only if "Server features" was deactivated by your administrator

- Display first?
  - Display last?
  - Return?
  - Save & Exit
  - Exit (no save)
- Handling?
  - Allow call waiting = Yes → Page 68
    - No?
    - Return?
  - Allow DND = Yes → Page 94
    - No?
    - Return?
  - Busy when dialling = Yes → Page 78
    - No?
    - Return?
  - Save & Exit
  - Exit (no save)
- CTI-Anrufe?
  - AutoAnswer = Yes → Page 73
    - No?
    - Return?
  - AutoAnswer beep = Yes → Page 73
    - No?
    - Return?
  - AutoReconnect beep = Yes → Page 74
    - No?
    - Return?
  - Save & Exit
  - Exit (no save)
- Return?
- **Connected calls?**
  - Allow call transfer = Yes → Page 71
    - No?
    - Return?
  - Allow call joining = Yes → Page 39
    - No?
    - Return?
  - Allow exit conf = Yes → Page 81
    - No?
    - Return?
  - Allow hold rem. = Yes → Page 62
    - No?
    - Return?
  - Hold rem. delay = 8 → Page 62
    - 3?
    - 4?
    - 5?
    - 6?
    - 7?
    - 8?
    - 9?
    - 10?
    - 11?
    - 12?
    - 13?
    - 14?
    - 15?

- Return?
- Hold and hang-up = Yes → Page 63
  - Yes
  - No
- Music on hold = Yes → Page 64
  - No?
  - Return?
- Allow conferences =Yes → Page 80
  - No?
  - Return?
- Secure call alert = Yes → Page 133
  - No?
  - Return?
- Toggle associate =Yes → Page 69
  - No?
  - Return?
- Lower IL alert → Page 138
  - Yes
  - No
- Save & Exit
- Exit (no save)
- Return?
- **Call logging**
  - General → Page 91
    - Enable call log =Yes
      - No
      - Return
    - Save & Exit**
    - Exit (no save)**
  - Missed calls → Page 92
    - Answered elsewhere = Exclude
      - Include
      - Return?
    - Delete entry = Delete when called
      - Delete manually
      - Return?
    - Save & Exit**
    - Exit (no save)**
  - Return?
- **Phone?**
  - Display settings?
    - Contrast =  → Page 123
    - Save & Exit
    - Exit (no save)
  - Key click
    - Options Save & Exit
    - Exit (no save)
  - Volume → Page 134
    - Off
    - Low
    - Medium
    - High
  - Keys → Page 134
    - Keypad only
    - All Keys
  - Return?





**Locality?**

- Country = DE → Page 137
- DE? → Page 137
- *Further countries, see* → Page 137
- Return?
- Language = Deutsch → Page 135
- Deutsch? → Page 136
- *Further languages, see* → Page 136
- Return?
- Date format = dd/mm/yyyy → Page 127
- dd/mm/yyyy?
- yyyy/mm/dd?
- mm/dd/yyyy?
- Return?
- Time format = 24 hour → Page 126
- 24 hour?
- 12 Hour (AM/PM)?
- Return?
- Save & Exit
- Exit (no save)

**Security?**

- Change user password? → Page 95
- Current Password =
- New user password =
- Confirm New user password =
- Save & Exit
- Exit (no save)
- Phone lock? → Page 98
- Save & Exit
- Exit (no save)
- Phone lock = No
- Yes

**Network information?**

- Phone address = → Page 139
- Web address =
- IP address =
- LAN RX = 
- LAN TX = 
- PC RX = 
- PC TX = 
- LAN autonegotiated = Yes
- LAN information = 10 Mbps full duplex
- PC autonegotiated = Yes
- PC information = Link down
- Exit (no save)

**Diagnostic information** → Page 149**Reset?**

- Reset all user data? → Page 140
- Cancel?

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