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User Guide elmeg IP630

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Legal Notice

Aim and purpose

This document is part of the user manual for the installation and configuration of bintec elmeg devices. For the latest information and notes on the current software release, please also read our release notes, particularly if you are updating your software to a higher release version. You will find the latest release notes under www.bintec-elmeg.com.

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The information in this manual can be changed without notice. You will find additional information and also release notes for bintec elmeg devices under www.bintec-elmeg.com.

bintec elmeg devices make WAN connections as a possible function of the system configuration. You must monitor the product in order to avoid unwanted charges. bintec elmeg GmbH accepts no responsibility for data loss, unwanted connection costs and damage caused by unintended operation of the product.

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You will find information on guidelines and standards in the declarations of conformity under www.bintec-elmeg.com/confomity.

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Contents

Overview	4
Keys	4
Connections	6
Illustration in the user guide	7
Safety precautions	8
Using the telephone	9
Getting to know your telephone	9
Making calls	13
Call lists	22
Message Centre	24
Voice mails	25
Directories	26
Door interphone	30
Settings	31
Basic settings	31
Configuring other settings with the Web configurator	36
Status of the telephone	46
Appendix	48
Service (Customer Care)	48
Manufacturer's advice	48
Menu tree	50
Display icons	52
Index	53



If the telephone is connected to a telephone system, the telephone system can have a bearing on the telephone functions or block or add to them.

Further information: → User guide for the telephone system

This guide is aimed at telephone users.

Information for administrators: → www.bintec-elmeg.com

Overview

Keys



1	Display keys	Activate the display key functions	→ page 9
2	Volume keys	Depending on the operating mode: Adjust the volume of the speaker, receiver, headset or ringtone	→ page 17
3	Star key	Display special characters when inputting text Activate/deactivate the ringtone	→ page 12 → page 16
4	Hash key	Switch text mode (upper/lower case letters, digits) Lock/unlock the keypad	→ page 12 → page 12

5	Status LED 	Status display for incoming calls Flashes: Incoming call Lights up: Call in progress	
6	Function keys	Programmable keys LED function depends on the key assignment	→ page 10 → page 43
7	Control key	Scroll through lists and entries. In idle status:  Open the call list  Open the menu  Open the directory	→ page 10 → page 22 → page 11 → page 26
8	Do Not Disturb key	Activate/deactivate Do Not Disturb (DND) Lights up: "Do Not Disturb" function is activated	→ page 16
9	Message Centre	Open call and message lists Flashes: New message in the Message Centre	→ page 22
10	Consultation call key	Initiate/end consultation call; put participant on hold	→ page 19
11	End/back key	Cancel function; go back one menu level (press briefly); return to idle status (press and hold)	→ page 11
12	Conference call key	Initiate conference call	→ page 20
13	Handsfree key	Activate/deactivate speakers Start dialling Lights up: Call is being made via the speaker (handsfree mode)	→ page 17 → page 13
14	Headset key	Make call via headset Start dialling Lights up: Call is being made via the headset	→ page 16 → page 13
15	Mute key	Activate/deactivate microphone (mute) Lights up: The microphone is muted	→ page 17
16	Microphone	Microphone of the handsfree unit	

Connections



















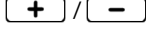





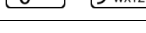

- 1  Expansion module with additional function keys
- 2  LAN (PoE)
- 3  PC; a PC can also be connected to the telephone instead of to the local network, the telephone establishes the network connection
- 4  Receiver
- 5  Headset with RJ11 plug
- 6  EHS EHS headset (Electronic Hook Switch)
- 7  Power adapter
- 8  USB; to connect for example a USB stick with a directory or a Bluetooth headset

Illustration in the user guide

Icons

	Important information regarding function and appropriate handling or functions that could generate costs.
	Prerequisite for carrying out the following action.
	Additional helpful information.









Keys

	Handsfree key		Do not disturb key
	Headset key		Message key
	End/Back key		Volume keys
	Conference call key		Hash key
	Consultation call key		Star key
	Mute key		Digit/letter keys
	Control key rim / centre		
OK, Back, Select, Save, ...		Display keys	

Procedures

Example: Setting the display language

- ▶  ▶ ... use  to select  **Settings** ▶ OK ▶ **Language** ▶ OK ▶ ... use  to select the language ▶ **Select** (● = selected)

Step	Follow this procedure
▶ 	Press the centre of the Control key in idle status. The main menu opens.
▶  	Navigate to the  icon using the Control key  .
▶ OK	Press OK to confirm. The submenu Settings opens.
▶ Language	Select the Language entry using the Control key  .
▶ OK	Press OK to confirm. The submenu Language opens.
▶ 	Press the Control key  to select the language required.
▶ Select	Press the Display key Select to highlight the entry. The selected option is indicated with ●.

Safety precautions

Read the safety precautions and the user guide before use.



Comprehensive user guides for all telephones and telephone systems as well as for accessories can be found online at bintec-elmeg.com in the Support category. We thereby help to save paper while providing fast access to the complete up-to-date documentation at any time.



Use only the power adapter indicated on the device.



Using your telephone may affect nearby medical equipment. Be aware of the technical conditions in your particular environment, e.g. doctor's surgery. If you use a medical device (e.g. a pacemaker), please contact the device manufacturer. They will be able to advise you regarding the susceptibility of the device to external sources of high frequency energy (for the specifications of your bintec elmeg product see "Specifications").



The devices are not splashproof. For this reason do not install them in a damp environment such as bathrooms or shower rooms.



Do not use the devices in environments with a potential explosion hazard (e.g. paint shops).



Remove faulty devices from use or have them repaired by our Service team, as these could interfere with other wireless services.



The device cannot be used in the event of a power failure. It is also **not** possible to transmit emergency calls



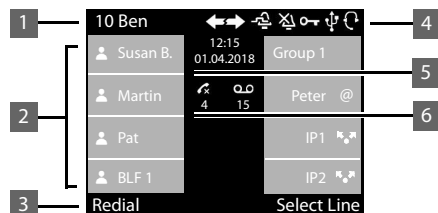
To connect the phone to the local network and PC only use shielded cables.



Using the telephone

Getting to know your telephone

Display

Display in idle status (example):



- 1 Name of the standard connection, possibly abbreviated (is allocated by the administrator e. g. extension and/or name of the telephone user) → [page 13](#)
- 2 Assignment of the function keys → [page 10](#)
- 3 Display key functions → [page 9](#)
- 4 Status icons → [page 52](#)
- 5 Date and time → [page 31](#)
- 6 Message display:
 -  New messages on the answer machine → [page 25](#)
 -  Missed calls → [page 22](#)

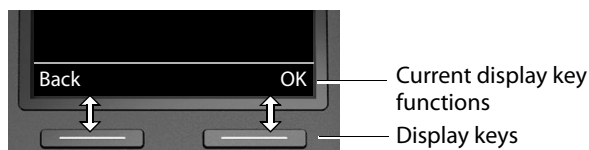


Setting/modifying display colours: → [page 33](#)

Setting date and time: → [page 31](#)

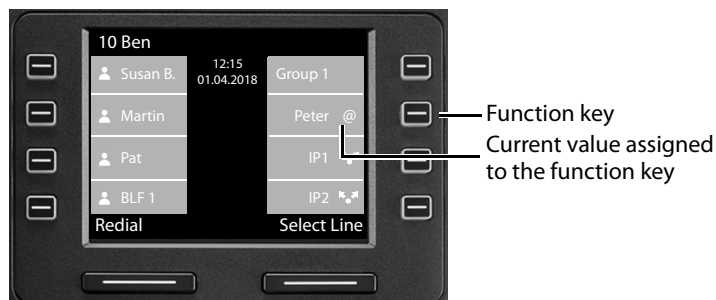
Display keys

The display keys perform a range of functions depending on the operating situation.



Function keys

Programmable function keys offer rapid access to frequently used numbers and functions. The current assignment is displayed in idle status.



Assigning values to the function keys with the Web configurator: → [page 43](#)



The number of function keys can be increased by an expansion module.

Control key



The Control key enables you to navigate the menus and input fields, and also to call up certain functions depending on the situation.

In the description below, the side of the Control key (up, down, right, left) that you have to press in the different operating situations is marked in black, e. g. for "press right on the Control key" or for "press the centre of the Control key".

In idle status

Open the main menu

Open the call lists

Open the directory assigned to the key **Briefly press**

Open the list of available directories **Press and hold**

In submenus and lists and selection fields

Select/confirm function

Scroll one line upwards/downwards **Briefly press**

Scroll the list upwards/downwards **Press and hold**

In input fields


Moves the cursor up/down line by line **Briefly press**

Moves the cursor to the left/right **one character at a time** **Briefly press**

Moves the cursor rapidly to the left/right **Press and hold**

During a conversation

Open the directory

Briefly press 

Open the list of available online directories

Press and hold 

Menu navigation

The functions of the telephone are displayed in a menu that consists of several levels.


Menu overview → [page 50](#)

Main menu

In idle status: ▶ Press the **centre** of the Control key .

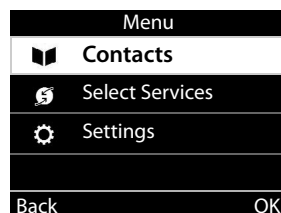
The functions of the display menu are displayed each with their icon.

The submenu selected is shown inverted.

- ▶ ... Use the Control key  to select a submenu
- ▶ Press the Display key **OK**

or


- ▶ Press the Control key 



Submenus

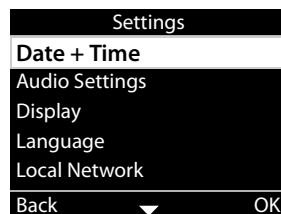
The functions in the submenus are displayed as lists.

The selected function is highlighted.


- ▶ ... Use the Control key  to select a function
- ▶ Press the Display key **OK**

or

- ▶ Press the Control key 




If not all the functions can be displayed, arrows are shown below.

Displaying more list entries: ▶ ... scroll in the direction of the arrow with the Control key 


Returning to the previous menu level

- ▶ Press the Display key **Back**

or

- ▶ press the End key  briefly

Returning to idle status

- ▶ Press and **hold** the End key 





If a key is not pressed, after 3 minutes the display will **automatically** change to idle status.


Settings which have not been saved or confirmed are rejected.

Entering text




Input position

- ▶ Use  to select an entry field. A field is activated when the cursor is blinking inside it.
- ▶ Use  to move the position of the cursor.

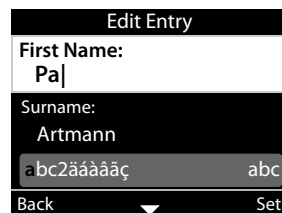
Correcting incorrect entries

Delete **characters** to the left of the cursor: ▶ 

Entering letters/characters

Multiple letters and digits are assigned to each key between  and  and the  key. As soon as a key is pressed, the possible characters are displayed at the bottom of the display.


The selected character is highlighted.





Select letters/digits:

- ▶ Press the key **briefly** several times in succession

Switch between lower case, upper case and digit entry mode:



- ▶ Press the Hash key  ... the mode set is displayed at the bottom on the right
When editing a directory entry, the first letter and each letter following a space is automatically in upper case.



Entering special characters:

- ▶ Press the Star key  ... the available special characters are displayed ▶ ... use  to navigate to the character you want ▶ **OK**

Locking/unlocking the keypad

The keypad lock prevents any accidental use of the telephone.

Locking the keypad: ▶ Press and **hold**  ... the following icon appears on the display 

Unlocking the keypad: ▶ Press and **hold**  ▶ ... use  to enter the keypad lock PIN (default setting: 1234) ▶ **OK**



Changing the keypad lock PIN with the Web configurator: → [page 36](#)

If a call is indicated on the handset, the keypad automatically unlocks and you can accept the call. It then locks again when the call is finished.

It is not possible to call emergency numbers either when keypad lock is activated.

Making calls




The phone is connected to the LAN.

At least one VoIP connection has been set up and assigned to the telephone.





VoIP connections are set up by the administrator with the Web configurator or assigned using a PABX.

Up to four VoIP connections (call numbers) can be assigned to the telephone. The first connection to be set up is the standard send connection. The name of the standard send connection is displayed in idle status at the top left of the display header (→ [page 9](#)).



No connection available: the following icon is shown in the display 

Information about the telephone connections and the standard send connection: Web configurator → [page 47](#)

Making a call



▶ ... use  to enter a number ▶  lift the handset

or


▶  lift the handset ▶ ... use  to enter a number ▶ **Dial**

Use + as a prefix for calls abroad: ▶ Press and hold key 

Calls are initiated via the standard send connection if you do not select another option. To use another VoIP connection:

▶ **Select Line** ▶ ... use  to select required connection ▶ **Dial** ▶ ... use  to enter the number ▶ **Dial**

Using the speaker to make calls: ▶  Press the Handsfree key
or: ▶ Enter the number ▶ Press 

Using the headset to make calls: ▶  Press the Headset key



You can switch over at any time during the conversation.

In the following instructions, the icon  also always stands for  or .

When entering the call number:

Deleting incorrectly entered numbers to the left of the cursor: ▶ 

Transferring a number to the local directory: ▶  (→ [page 26](#))









Cancel dialling: ▶ **End**

Incoming call during number entry:

Accept the call: ▶ **Accept**







Reject the call: ▶ **Reject**

Dialling from the directory

- ▶ ... use  to open the directory ▶  select entry ▶  lift the handset
 - or
 - ▶  ▶ ... use  to select **Contacts** ▶ **OK** ▶  select entry ▶  lift the handset
- More than one number in the directory entry: ▶ ... use  to select a number ▶ **OK**





Dialling from the redial list



The redial list contains the most recently dialled numbers.

- ▶ In idle status press **Redial** ▶  select entry ▶  lift the handset
- or
- ▶ ... use  to open the call lists ▶  **Outgoing** ▶  select entry ▶  lift the handset

Dialling from a call list


The call lists contain the most recent accepted, outgoing and missed calls (→ [page 22](#)). If the number is saved in the directory, the name is displayed.



- ▶ ... use  to open the call lists ▶  select a list (**All, Accepted, Missed, Outgoing**) ▶  select entry ▶  lift the handset

 The list of new missed calls can also be opened by pressing the Message key .

Dialling with quick dial keys

Keys 1 to 4 on the phone can be assigned a phone number, that is then dialled with one keypress.

 Assign quick dial key from the Web configurator: → [page 42](#).

- ▶ Press and **hold** quick dial key  –  ... The number saved for the key is dialled, the handsfree function or the headset is enabled


Dialling a number using a function key


Dialling numbers with one press of a function key.



A quick dial number is assigned to the function key.

Assigning numbers to function keys: Web configurator (→ [page 43](#)).

- ▶  Press the function key ... the number saved for the function key is dialled, the handsfree function is activated

 Increase the number of function keys: ▶ Connect expansion module

Ringback

Asking for a ring back when the line of a participant you have called is busy.









The PABX or the provider supports this function.

Initiating ringback

- ▶ **Ringback** ... the ringback request is registered
When the other participant's line is free, the ringback is initiated. The telephone rings, **Ringback** is displayed in the header.

There can be an active ringback on each line.

Cancelling ringback






- ▶  ▶ ... use  to select  **Select Services** ▶ **OK**
An active call: ▶  **Cancel Ringback** ▶ **OK**
Multiple active calls: ▶  **Active Ringbacks** ▶ **OK** ... Connections for which ringback is active are denoted as such ▶ ... Use  to select a connection ▶ **OK**

Anonymous calling

Withhold Calling Line Identification. The number is not shown to the person receiving the call.



The PABX or the provider supports this function.

- ▶  ▶ ... use  to select  **Select Services** ▶ **OK** ▶  **Withhold Number** ▶ **OK** ▶
if necessary, use  to select a line ▶ **Change** (= calls are anonymous)


Incoming calls

An incoming call is indicated by ringing, by a display on the screen and by the flashing Status LED.

The display shows

- **Incoming Call** in the header
- the caller's name if it has been stored in the directory
- the caller's number if it has been transmitted
(→ [page 15](#))
- the line on which the call is coming in on
- a picture of the caller, if one has been transmitted (CNIP)



- Accepting the call: ▶  lift the handset
- Switching the ringtone off: ▶ **Silence**
- Rejecting the call: ▶ **Reject**



If the call is a ringback, **Ringback** is displayed in the header.


When a call comes in, the system looks for a matching entry in the local directory. If the number is not found there, other directories are searched, if any have been configured.

Protection from incoming calls

Activating/deactivating the ringtone

An incoming call is not signalled by ringing, but is displayed on the screen.

Switching the ringtone on/off: ▶ Press and **hold** the Star key  


Ringtone is switched off: the following icon appears on the display 



Ringtone silencing for anonymous calls: → [page 32](#).

Switching the alert tone (beep) on/off

Switch on an alert tone (beep) instead of the ringtone:


- ▶ Press and **hold** the Star key   ▶ press **Beep** within 3 seconds ... the following icon appears in the status line 

Switching off the alert tone: ▶ Press and **hold** the Star key  

Switching the "Do not disturb" function on and off

Incoming calls are not signalled.

Switching "Do not disturb" on or off: ▶ Press the Do not disturb key 

"Do not disturb" is switched on: the Do not disturb key  is illuminated, the display shows "Do not disturb" active



Set up call forwarding: → [page 21](#)

The administrator can create a list of numbers which should never be signalled by the telephone in the Web configurator.

During a conversation

Changing the volume

Changing the volume of the handset, the handsfree function or the headset during a call.

Louder:  ▶ Save

The volume can be set at 10 levels.

Quieter:  ▶ Save

The current setting is displayed.



If there is no input for two seconds, the most recent value is stored automatically.




Permanent volume settings: → [page 32](#).

Muting

Switching off the microphone in the handset, the handsfree facility and the headset. The other party to the call no longer hears what is being said.

Activating/deactivating the microphone: ▶ Press the Mute key 


Microphone is switched off: the Mute key  is illuminated

Switching the handsfree function on/off


Making calls via the speaker and the microphone of the handsfree function.

Switching on the handsfree function during a call:

▶ Press the Handsfree key  ▶ Replace handset 

Handsfree function is switched on: the  key is illuminated

Switching off the handsfree function during a call:

▶ Lift the handset  ▶ continue the call through the handset


Displaying information

► Info

Function keys assigned: The assignment of the function keys is displayed (→ [page 43](#))

Function keys not assigned: Information about the device is displayed (→ [page 35](#))

Ending a call

- Replace the handset 

Talking with several participants on the telephone

Accepting/rejecting Call Waiting



The PABX or the provider supports this function and the function is activated on the telephone (→ [page 38](#)).

Another call comes in during a conversation. The call is signalled in the display and by the Call Waiting tone. **Call Waiting** is displayed in the header.

Accepting the call:



- **Accept** ... the connection to the waiting participant is made. The first participant is put on hold and hears some on-hold music.

Rejecting the call:

- **Reject**

Permit/prevent Call Waiting

Permit or prevent Call Waiting during a call for all or for certain lines.



-  ► ... use  to select  **Select Services** ► **OK** ►  **Call Waiting** ► **OK** ► if necessary, press  to select line ► **Change**  = Call Waiting is permitted)



Define settings for Call Waiting with the Web configurator → [page 38](#)

Two simultaneous incoming calls


When there are two simultaneous incoming calls, both are shown on the display.

- ... Use  to select the call you want to accept ►  Pick up the receiver ... The required connection is established.

The other call is handled as a waiting call.

Consultation calls

Consulting a second participant during a conversation.

- ▶ Press the Consultation call key  ... the first conversation is put on hold
- ▶ Initiate a consultation call via the keypad or from the directory

... when the participant picks up, conduct consultation call



The display shows:

On hold: <Number> or <name in the directory>

Ending a consultation call:

- ▶ **End** ... the connection to the participant on hold is reactivated

or




- ▶ Replace the handset  ... both calls are ended

The call on hold is transferred to the consultation participant.



If the consultation participant does not accept the call: a recall is initiated by the participant on hold (your telephone rings). If you accept the call, you will be reconnected to the participant previously on hold.

Initiating consultation call from the directory

During the conversation:

- ▶ Press the Control key  ▶  select entry ▶ **Options** ▶ **Dial** ▶ **OK** ▶ ... if necessary, select the number with  ▶ **OK** ... the first conversation is put on hold, the number is dialled

or

- ▶ **Consult** ... the first conversation is put on hold ▶ **Directory** ▶  select entry ▶ **Dial** ▶ ... if necessary, use  to select the number ▶ **OK** ... the number is selected

Call swapping

Switch back and forth between two participants. The other call is placed on hold.


- ▶ Call a second participant during an external conversation (consultation call) or accept a waiting call ▶ ... use **Swap** to switch between the participants

Ending the connection to the active participant:

- ▶ **End** ... the connection to the participant on hold is reactivated




Other ways of ending the call-swapping session:

- Replace the handset : The other two participants will be connected to one another.
- The **active** participant ends the conversation: The connection to the participant on hold is reactivated
- The participant **on hold** ends the conversation: The connection to the active participant remains active.


Conference call

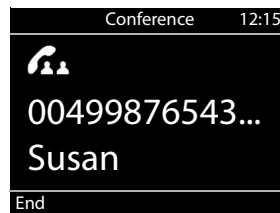
Speaking to two participants at the same time.

Initiating a conference call during a conversation:


- ▶ Press the Conference call key  ▶ call second participant ... the conference is established as soon as the call is accepted

Initiating a conference call from call swapping:

- ▶ Press the Conference call key  ... the active participant and the participant on hold will be switched into the conference



Ending a conference call:

- ▶ **End** or ▶ replace the handset  ... the conference ends for all the participants

Transferring a call

Connecting both external participants to one another during call swapping or in an external consultation call:

- ▶ Replace the handset  ... the call on hold will be transferred to the active participant.

If the active participant does not accept the call, a recall will be initiated by the participant on hold.

Call divert


Incoming calls are diverted to another line or a network mailbox. For every phone connection, you can set up call divers for

- All Calls** Calls are diverted immediately
- When Busy** Calls are diverted if the line is busy
- No reply** Calls are diverted if no one picks up after several rings

Activating call divert

- ▶  ▶ ... Use  to select  **Select Services** ▶ OK ▶  **Call Divert** ▶ OK ▶ ... if necessary, use  to select a connection ▶ OK


When call divert is to apply:

- ▶  **All Calls / When Busy / No reply** ▶ OK

Where the call is to be forwarded to:

- ▶  **Phone Number** ▶  Enter the number ▶ **Save**

or

- ▶  **Voice Mail** ▶ **Save** ... Calls are forwarded to the answer machine assigned to the connection

In idle status, the active call divert and the destination for the diverted call are shown on the display.




A **No reply** call divert becomes active after 120 seconds as standard. You can change the delay time from the Web configurator (→ [page 39](#))

Disabling call divert

- ▶  ▶ ... Use  to select  **Select Services** ▶ OK ▶  **Call Divert** ▶ OK ▶ ... Use  to select the connection as required ▶ ... Use  to select the divert type (**All Calls / When Busy / No reply**) ▶ OK ▶  **Off** ▶ **Save**



Call lists

The telephone saves different types of calls in lists. The following call lists are available:




- All Calls** All outgoing, accepted and missed calls.
- Accepted Calls** Calls that were accepted.
- Missed Calls** Calls that were not accepted.
Missed calls that have not yet been viewed can also be accessed via the Message key  (→ [page 22](#)).
- Outgoing Calls** Last selected numbers (redial list).



If the call list is full, a new entry overwrites the oldest.

Opening the call list




- ▶  ▶ ... use  to select a list (**All, Accepted, Missed, Outgoing**) ... the calls in the selected list type are displayed

Information about the calls

- Icon for the call type:
 -  **Missed Calls,**
 -  **Accepted Calls,**
 -  **Outgoing Calls**
- Caller's number. If the number is saved in the directory, the name is displayed instead.
- Date and time of the call

Call Lists			
All	Accepted	Missed	Outgoing
 08912345678 Today, 09:30			
 Peter Brown 22.06, 11:30			
View		Options	







Displaying more information about an entry: ▶ **View** ▶ ... use  to scroll through the entry

- Number type (if the caller is entered in the directory):  **Phone Home,**  **Phone Office,**  **Phone Mobile**
- Call duration
- Info: more information supplied by the provider (CNIP); otherwise the telephone number

Calling back a caller

- ▶  ▶ ... use  to select a list ▶ ... use  to select entry ▶  lift handset ... the number is dialed

Copying a number to the directory




- ▶  ▶ ... use  to select a list ▶ ... use  to select an entry ▶ **Options** ▶ **Save Number** ... then
 - Creating a new entry: ▶ **< New Entry >** ▶ **OK**
 - or
 - Adding a number to an existing entry: ▶ ... use  to select an entry ▶ **OK**
 - ▶ ... use  to select a number category ▶ **OK** ▶ ... use  to enter more data for the entry
- Save entry: ▶ **Save**



More information about the local directory: → [page 26](#)

Deleting entries

Deleting an entry:


- ▶  ▶ ... use  to select a list ▶ ... use  to select an entry ▶ **Options** ▶ **Delete Entry** ▶ **OK**

Deleting all the entries in the list currently selected:

- ▶  ▶ ... use  to select a list ▶ **Options** ▶ **Delete List** ▶ **OK** ▶ confirm prompt with **Yes**

Message Centre

The Message Centre gives you quick access with a single key press to missed calls and voice mails on an answer machine.


The Message key  flashes if there are new messages. A missed call is considered new if it has been received since the **Missed Calls** list was last opened; a voice mail is considered new if it has not been listened to.



The administrator can use the Web configurator to specify which types of messages are accessible via the Message Centre.

Icons for message types and the number of **new** messages are shown in idle status.

New messages:

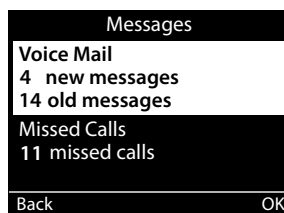
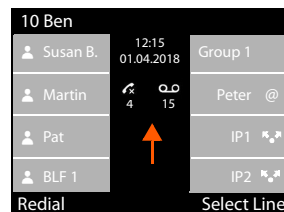
 on a network mailbox (→ [page 25](#))

 in the **Missed Calls** list (→ [page 22](#))

The number displayed indicates the total for all the connections involved.

Opening the Message Centre:

- ▶ Press the Message key  ▶ ... use  to select the message type (**Voice Mail** or **Missed Calls**) ▶ **OK**



The **Voice Mail** list is always displayed, when an answer machine is stored in the telephone, the **Missed Calls** list only if it contains messages.

Voice mails

Managing messages stored in a network mailbox. Every network mailbox accepts incoming calls on the corresponding VoIP phone number.



The administrator has entered the network mailbox(es) in the telephone with the Web configurator or there is an answer machine available with the PABX.

Playing back voice mails

- ▶ Press the Message key ▶ **OK** ▶ ... if necessary, use to select the answer machine (connection) ▶ **OK** ... all the voice mails for the connection are displayed ▶ use to select an entry ▶ **Play** ... the message is played back through the speaker on the telephone

Listening to messages through the handset:

- ▶ Lift the handset

Ending playback:

- ▶ Press the End Call key or replace the handset



An incoming call ends playback.

Editing voice mails

- ▶ Press the Message key ▶ **OK** ▶ ... if necessary, use to select the answer machine (connection) ▶ **OK** ... all voice mails for the connection are displayed ▶ select entry ... then

Viewing call details: ▶ **View**

Deleting the recording:

- ▶ **Options** ▶ **Delete Entry** ▶ **OK**

Deleting all entries: ▶ **Options** ▶ **Delete List** ▶ **OK** ▶ Confirm prompt with **Yes**

Transferring the number to the directory:

- ▶ **Options** ▶ **Save Number** ▶ **OK** ▶ create a new entry in the directory or add the number to an existing entry (→ [page 26](#))

Directories

The options are:

- Local directory
- Company directory (→ [page 28](#))



The local directory is pre-set as a standard directory. That means that it is the directory that is opened with the Control key and into which entries are copied with the "Copy to directory" function.

The administrator can make another directory, such as the company directory, the standard directory.

Local directory

Opening the directory

In idle status:

▶ Press the Control key

or

▶ ▶ ... use to select **Contacts** ▶ **OK** ▶ **Directory** ▶ **OK**

The entries are shown in alphabetical order and are sorted by last name by default.

Change sort order:

▶ **Options** ▶ **Sort by First Name** or **Sort by Surname**

Directory	
Brown, Susan	
Fischer, Alexander	
Meyer, Peter	
Oscar	
Smith, Elisabeth	
View	Options



If an entry does not include a name, the first phone number entered is stored and displayed as the last name.

Displaying a directory entry

▶ ... use  to select an entry ▶ **View**


or

▶ enter the first letter of the name ... the first entry which starts with that letter is displayed


A directory entry can contain the following information:

- First name and last name: (max. 16 characters each)
- Up to six phone numbers (max. 32 digits each)

Two numbers can be assigned to the following categories:

 work numbers (**Phone Office** 1/2)



 private numbers (**Phone Home** 1/2)

 mobile numbers (**Phone Mobile** 1/2)



View Entry	
Susan Brown	
	1: 08912345678
	2: 004456565656
	1: 01231234567
	1: 089998877665
Edit	Options

▶ ... use  to scroll through the directory entry

Creating a new entry

▶ **Options** ▶ **New Entry** ▶ ... use  to enter data for the entry and use  to move between the entry fields ▶ **Save**

Creating a new entry with a dialled number:

▶ Enter the number ▶ -> **Dir** ▶ **< New Entry >** ▶ **OK** ▶ ... use  to select the number category ▶ **OK** ▶ ... use  to enter more data for the entry ▶ **Save**





Creating a new entry with a number from the call list: → [page 23](#)

Information on entering text: → [page 12](#)

Changing an entry

▶ ... use  to select an entry ▶ **View** ▶ **Edit** ▶ ... use  to select an entry field ▶ if necessary, delete old text, enter new text ▶ **Save**






Adding a number when dialling:


▶ Enter the number ▶ -> **Dir** ▶ ... use  to select an entry ▶ **OK** ▶ ... use  to select the number category ▶ **OK** ▶ **Save**



Information on entering text: → [page 12](#)

Dialling from the directory

- ▶ ... use  to select an entry ▶  lift the handset
More than one number in the directory entry: ▶ ... use  to select a number ▶ **OK**
- or
- ▶ ... use  to select an entry ▶ **View** ▶ ... if necessary, use  to select a number ▶ **Options**
▶ **Use Number** ▶ **OK**

 Initiate a consultation call from the directory: → [page 19](#)

Deleting directory entries

Delete an entry selected from the list:

- ▶  Select an entry ▶ **View** ▶ **Options** ▶ **Delete Entry** ▶ **OK** ... the entry is deleted immediately

Deleting the whole list:

- ▶ **Options** ▶ **Delete List** ▶ **OK** ▶ ... Confirm prompt with **Yes**

Company directory

If there is a directory available on your company's network you can use it on the telephone.




The administrator has set up and activated the directory in the Web configurator.

Opening the company directory


In idle status:

- ▶ Press and **hold** the Control key  ▶ ... use  to select the company directory ▶ **OK**
- or
- ▶  ▶ ... use  to select  **Contacts** ▶ **OK** ▶ ... use  to select the company directory ▶ **OK**


 The company directory is shown with the name specified by the administrator in the Web configurator.

Searching for an entry

- ▶ Enter the name (or the initial letters) ... as soon as the entry process stops, the search starts.
All the matching entries are displayed. If a matching entry is not found, the search field is redisplayed. You can launch a new search.

Company directory	
Abercrombie, Susan	
Andrews, Alexander	
Ant, Peter	
Anton	
a	
Back	View

Displaying an entry

- ▶ ... use  to select an entry ▶ **View**

A directory entry can contain the following information (depending on the information provided by the company directory):

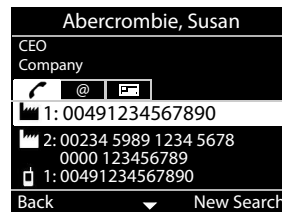
Personal information

First Name; **Surname;** **Job;** **Company:**




Numbers: **Office;** **Mobile;** **Home**

Other contact data: **Email;** **Web Address;** **Fax:**

Address information: **Street;** **City;** **ZIP Code;** **Country:**



Dialling a number from the company directory

- ▶ ... use  to select an entry ▶  lift the handset
- More than one number in the directory entry: ▶ ... use  to select a number ▶ **OK**

Door interphone

The telephone can operate a door interphone.



The administrator has set up the door interphone with the Web configurator.

If someone rings at the door interphone, this is signalled like an incoming call on the phone.

The name of the door interphone is displayed as the caller.

If a camera is assigned to the door interphone, the camera image is displayed.

The name and address of the webcam must be entered in the Web configurator by the administrator.



End the connection to the door interphone without opening the door: ► **Reject**

Hold a conversation via the door interphone: ► 📞 Lift the handset

Open the door: ► **Open Door**



If you are conducting a telephone call, the ring at the door is signalled by a Call Waiting tone (→ [page 18](#)). You can either reject the call or accept and open the door. When the connection to the door interphone is ended, the previous connection is restored. Toggling between calls is not possible.

An incoming call is signalled as a Call Waiting if you are already connected to the door interphone. If you accept the call, the connection to the door interphone is ended.

Setting the ringtone for the door interphone: → [page 32](#)

Settings

The telephone is preconfigured. Individual settings can be modified via the display menu or on a PC using the Web configurator. Web configurator → [page 36](#)

Basic settings

Date and time



The address of a time server on the Internet or on the local network is stored on your phone. The date and time are taken from this time server provided that the phone is connected to the network and synchronisation with the time server is activated. Manual settings are overwritten in this case.

Settings for the time server in the Web configurator: → [page 45](#)

- ▶ ▶ ... use to select **Settings** ▶ **OK** ▶ **Date + Time** ▶ **OK** ... then
 - Time:
 - ▶ ... use to enter hours and minutes in 4-digit format
 - e.g. for 07:15 ▶ **Save**
 - Time format:
 - ▶ ▶ ... use to select the time format
 - 24h:** e.g. 10:00, 18:00
 - 12h:** e.g. 10:00 am, 6:00 pm
 - 12h selected: ▶ ... use to select **Time of Day: (am / pm)**
 - Date:
 - ▶ ▶ ... use to enter day, month and year in 8-digit format ▶ **Save**
 - Date format:
 - ▶ ▶ ... use to select date order
 - Day Month Year:** e. g. 17.04.2018
 - Month Day Year:** e. g. 04.17.2018 for 17 April 2018
- Save the settings: ▶ **Save**

Ringtones

Set the volume and melody for the ringtone and/or completely silence the ringtone for anonymous calls.

Volume

The volume of the ringtone for incoming calls can be set at 10 levels.

- ▶ ▶ ... use to select **Settings** ▶ **OK** ▶ **Audio Settings** ▶ **OK** ▶ **Ringtones** ▶ **OK** ▶ **Volume** ...
- the ringtone will be played with the melody set for external calls at the current volume; the volume is shown graphically
- ▶ ... use to select the required volume ▶ **Save**










Changing the volume of the ringtone during an incoming call:

- ▶ Press the volume keys (for louder) or (for quieter)

Melody

Specify different ringtone melodies for different events (**External Calls, Internal Calls, Group Calls or Doorstation**) and VoIP connections.





- ▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶  **Audio Settings** ▶ **OK** ▶ **Ringtones** ▶ **OK** ▶ **Melodies** ▶ **OK** ▶ ... use  to select event to be signalled with the melody ▶ **OK** ... the melody currently set for connection 1 is played ▶ ... use  to select the melody required ▶  if necessary, select melodies for the other connections ▶ **Save**



Loading more ringtones onto the phone: → [page 40](#)

Ringtone silencing for anonymous calls

Prevent the telephone ringing when no number is transmitted with an external call.

- ▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶  **Audio Settings** ▶ **OK** ▶ **Ringtones** ▶ **OK** ▶ **Anonymous Call Silencing** ▶ **Edit** = the telephone does not ring for anonymous calls)

Advisory tones

The handset notifies acoustically about different activities and statuses.

Confirmations: At the end of an entry or after making a setting and when a new entry arrives in the network mailbox or the call list, if an entry is incorrect.




Key Click: Each press of a key is accompanied by an acoustic signal.

These advisory tones can be switched on/off independently of each other.


- ▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶  **Audio Settings** ▶ **OK** ▶ **Advisory Tones** ▶ **OK** ▶ Select the option required (= enabled / = disabled)

Call volume

The call volume (volume during a call) can be set on 10 levels separately for the receiver, speaker and a headset connected.



- ▶  ▶ ... Use  to select  **Settings** ▶ **OK** ▶  **Audio Settings** ▶ **OK** ▶ **Call Volume** ▶ **OK** ▶  Select **Handset, Handsfree or Headset**

... The current volume is displayed graphically

- ▶ ... Use  to select the required volume ▶ **Save**




Changing the volume during a call:








- ▶ Press the volume keys  (for louder) or  (for quieter)

Display

Screensaver

You can choose a digital or analogue clock as the screensaver for the phone's display when in idle status.

 You can also use the contents of Web pages and images you have loaded to the phone (→ [page 43](#))




- ▶  ▶ ... Use  to select  **Settings** ▶ **OK** ▶ **Display** ▶ **OK** ▶ **Screensaver** ... then
 - Switch off: ... Use  to select **Off** ▶ **Save**
 - Switch on: ... Use  to select the time the display spends in idle status before the screensaver becomes active (10, 20, 30, 40, 50 or 60 minutes)
 - Select screensaver:
 - ▶  ▶ ... Use  to select the screensaver (**Digital Clock / Analog Clock**)
 - Save the selection: ▶ **Save**

Exiting the screensaver

- ▶ Press any key **briefly** ... the display changes to idle status





Brightness


The brightness can be set at 10 levels.

- ▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶  **Display** ▶ **OK** ▶ **Brightness** ▶ **OK** ... the current setting is shown graphically ▶ ... use  to select the brightness required ▶ **Save**

Colour scheme

The display can appear in a range of colour combinations.


- ▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶ **Display** ▶ **OK** ▶ **Colour Scheme** ▶ **OK** ▶ ... use  to select required colour scheme ▶ **Select** (● = selected)

 Changing the display settings with the Web configurator: → [page 41](#)

Language

Set the language for the display screen.

- ▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶ **Language** ▶ **OK** ▶ ... use  to select language ▶ **Select** (● = selected)

 Setting the display language with the Web configurator: → [page 41](#)

Local network

Display network settings for the telephone.

▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶ **Local Network** ▶ **OK**

IP Address Type: static or dynamic

dynamic The telephone obtains its IP address automatically from a DHCP service in the network (the router, for example). The following fields show the current settings. These settings cannot be changed.

static The telephone is provided with a permanent IP address. The administrator makes the network settings using the other fields.

IP Address: The phone's IP address in the local network.

Subnet Mask: The subnet mask for the local network. It specifies how many parts of the IP address make up the network prefix and how many parts make up the device address. The network prefix must be the same for all the devices in the local network.

Standard Gateway: IP address of the system in the local network which assigns the address and forwards information to other networks. This is frequently a router.



Changes to these settings should only be made by the administrator.

VLAN

A local network can be divided into logical subnetworks known as VLANs (VLAN = Virtual Local Area Network). VLANs are used for example to separate the data traffic of different services (Internet telephony, Internet TV, etc.) and to define different priorities for the data traffic.

Show the phone's VLAN settings.

▶  ▶ ... Use  to select  **Settings** ▶ **OK** ▶ **VLAN** ▶ **OK**

VLAN Tagging: The following information is displayed when **VLAN Tagging** is enabled

VLAN Identifier (LAN): ID of the virtual network to which the phone belongs.




LAN Priority (LAN): Priority of the virtual network to which the phone belongs.



Changes to these settings can only be made by the administrator.

Restarting the phone

You can restart the device if required. All settings are retained.

▶  ▶ ... Use  to select  **Settings** ▶ **OK** ▶ **Reboot** ▶ **OK** ▶ confirm prompt with **Yes**

Resetting the device to the factory settings




The function can only be run by the administrator.

You can back up your personal settings before a reset: → [page 46](#)

A reset returns all the settings to the default settings. Network configuration, VoIP connections, directories, call lists and all the individual settings are deleted or restored to the factory settings.

Resetting using the device keys

▶ Disconnect the telephone from the mains power supply ▶ press the Control key  ▶ holding the key down, reconnect the device with the power supply

Displaying device information

The menu entry **Info** provides information about important settings on the telephone.

▶  ▶ ... use  to select  **Settings** ▶ **OK** ▶ **Info** ... the following information is displayed:

Device:	Telephone product name
SW Version:	Version of the firmware currently loaded on the phone.
Variant:	Country-specific version of the product
MAC Address:	The phone's device address.
IP Address:	The phone's current IP address within the local network. The IP address is usually set automatically via a DHCP server in the network.
Subnet Mask:	The subnet mask for the local network. It specifies how many parts of the IP address make up the network prefix and how many parts make up the device address. The network prefix must be the same for all the devices in the local network.
Standard Gateway:	IP address of the system in the local network which assigns the address and forwards information to other networks. This is frequently a router.
Preferred DNS:	IP address of the system in the local network providing IP addresses belonging to domain names.



There is more information about the settings and the status of the telephone in the status display of the Web configurator (→ [page 46](#)).

Configuring other settings with the Web configurator



Attention:

Configurations via the phone's Web user interface are not presentable in the BPX and should therefore be used only in exceptional cases!

Not all functions listed here can be used in operation with the PBX!



This chapter describes the user functions in the Web configurator.

Web configurator

Finding out the IP address of the phone

You need the IP address of the telephone to access the web configurator.

Displaying the IP address in the display menu of the telephone:

▶  ▶ **Settings** ▶ **Local Network** ... the IP address is displayed



The IP address can sometimes change, depending on the settings of the DHCP server in your network.

Starting the web configurator

- ▶ Open the Internet browser on the PC ▶ enter the IP address of the telephone (without any leading zeros) in the address field of the browser ... the login screen is displayed
- ▶ Select the language ▶ enter the password (preset: user) ▶ **Login** ... the Web configurator is launched, the **Ringtones** page is displayed

Changing the password


- ▶ Click on the  icon in the top right ▶ select **Change Password** ▶ enter new password ▶ re-enter new password ▶ **Set**



The password can also be changed by the administrator.

Changing the telephone PIN

The telephone PIN is used to lock the telephone keypad, for example (→ [page 12](#)).

- ▶ Click on the  icon in the top right ▶ select **Change Phone PIN** ▶ enter current PIN (preset to 1234) ▶ enter new PIN ▶ re-enter new PIN ▶ **Set**

Changing the language

- ▶ Click on the  icon in the top right ▶ select **Change Language** ▶ select required language from the **Language** list ▶ **Set**

Ending the Web configurator

- ▶ Click on the  icon in the top right ▶ select **Logout** ... the login screen is displayed again

Functions of the Web configurator

The following illustration shows the menu entries of the Web configurator for users.

Settings	Telephony	Connections	→ page 38
		Call Settings	→ page 38
		Call Divert	→ page 39
		Do not Disturb	→ page 39
	Desk Phone	Ringtones	→ page 40
		Display	→ page 41
		Pictures	→ page 41
		Keys and LEDs	→ page 42
	System	Date and Time	→ page 45
		Save and Restore	→ page 46
		Reboot and Reset	→ page 46
Status	Device		→ page 46
	Connections		→ page 47
	Storage Allocation		→ page 47

Telephony

Changing the standard send connection

If the telephone has more than one VoIP connection, outgoing calls are initiated via the standard send connection (→ [page 13](#)).

Changing the standard send connection:

▶ **Settings ▶ Telephony ▶ Connections**

All the configured connections are shown. The check box under **Default send Connection** shows which connection is currently selected.

▶ Check the connection required ▶ **Set**

Only active connections can be selected.

If the standard send connection selected cannot be accessed, use another connection:

▶ Set the switch next to **SIP Accounts-Failover** to **Yes**

Settings for Call Waiting

Specify the telephone's response when another call comes in during a call.

▶ **Settings ▶ Telephony ▶ Call Settings**

For each connection:

Prevent/permit Call Waiting:

▶ Select the option under **Display Waiting Call** (= Call Waiting permitted) / deselect (= Call Waiting not permitted)

Permit Call Waiting:

▶ Select **Acoustic signal** from the list

Off: the incoming call is shown in the display only

or signalling with a Call Waiting tone (beep): once or every 4, 10, or 20 seconds

Save the settings: ▶ **Set**

Setting up Call Divert



The provider/the PABX supports this function.

Forwarding incoming calls to another number or a network mailbox.

▶ **Settings** ▶ **Telephony** ▶ **Call Divert**

For each connection (**Incoming line**):

All Calls Forward all incoming calls.

When Busy Forward incoming calls when the line is busy.

No Answer Forward incoming calls after a defined period if they are not accepted.

Specifying the destination of diverted calls:

▶ Check the box under **Voicemail**

or

▶ check the box under **Target number** ▶ enter the number, to which calls are to be diverted

For diverting calls when **No Answer**:

▶ From the **Delay** list, select the period after which Call Divert should be activated.

Activating/deactivating Call Divert:

▶ Select the option under **Active** (= activated) / deselect (= not activated) ▶ **Set**



Setting up Call Divert via the display menu: → [page 21](#)

Do not Disturb



The provider/the PABX supports this function.

Block phone numbers and/or all anonymous calls. Calls from blocked numbers are not signalled.

▶ **Settings** ▶ **Telephony** ▶ **Do not Disturb**

The black list contains all the blocked numbers.

Activate the black list: ▶ Set the switch next to **DND list** to **Yes**

Block a number: ▶ Enter **Name** and **Phone number** of the call ▶ click on **Add**

Delete an entry: ▶ Click  next to the entry

Delete all entries: ▶ Click **Delete all**

Block all anonymous calls: ▶ Activate the option **Block anonymous callers** (= activated)

Save the settings: ▶ **Set**

Desk Phone

Specifying and loading ringtones

Set a ringtone for each configured VoIP connection or use a standard ringtone for all of them.

▶ **Settings ▶ Desk Phone ▶ Ringtones**

Selecting ringtones

The standard ringtone is used for connections or events for which no individual ringtone has been set up.

▶ Select a ringtone from the **Default ringtone** list ▶ click on **Play** ... the melody selected is played on the telephone ▶ **Set**

Use the standard ringtone for all calls:

▶ click on **Use for all calls** ▶ **Set**

or

set a different ringtone for each connection:

▶ Select ringtones for the various events from the lists ▶ click on **Play** ... the melody selected is played ▶ **Set**

Different ringtones can be used for the following events: **External Calls, Internal Calls, Group calls**, signal from the **Door Station**



Setting ringtones using the display menu: → [page 31](#)

Loading ringtones from the PC

The ringtones available are displayed with a file name and size. A maximum of 20 more ringtones can be loaded into the telephone memory from the PC.

The data on the PC must be in the following format:

Format	Max. number	Total size
mp3, ogg, wav	20	max. 5 MB

▶ Next to the **Ringtone file** click on **Browse** ▶ in the file system of the PC navigate to the location of the ringtone files in the memory and select the file required ... the file name is displayed

Load the ringtone file: ▶ Click on ... the ringtone file is loaded into the telephone's internal memory and presented for selection in the lists

Delete a ringtone file: ▶ Click on ... the ringtone file is deleted from the list

Save the settings: ▶ **Set**



Check available space in the memory: → [page 47](#)

Settings for the display

Tailor the telephone display to personal preferences and requirements.

▶ Settings ▶ Desk Phone ▶ Display

- Language: ▶ Select the language to be used for the display from the **Language** list
- Colour Scheme:** ▶ Select the colour scheme for the display from the **Colour Scheme** list (**white on black**, **white on blue**, **white on red** or **white on green**)
- Screensaver Brightness:** ▶ Use the slider to select the screensaver brightness (1 – 10; 1 = dark, 10 = light)
- Standby Brightness:** ▶ Use the slider to select the display brightness when the phone is in idle status (1 – 10; 1 = dark, 10 = light)
- Backlight:** ▶ Use the slider to select the intensity of the display light (1 – 10; 1 = dark, 10 = light)
- Contrast:** ▶ Use the slider to select the screen contrast (1 – 9)
- Save the settings: ▶ **Set**



All the settings can also be made through the display menu: → [page 33](#)

Loading images and setting the screensaver

The default screensaver is an analogue clock. A digital clock, contents from web pages and images can also be used. Images must be loaded to the phone.

▶ Settings ▶ Desk Phone ▶ Pictures

Setting up a screensaver

- ▶ From the **Screensaver Activation** list, select the time the display spends in idle status before the screensaver becomes active. 0 = Screensaver disabled
- ▶ Select from the **Screensaver** list the required screensaver (**Analog clock**, **Digital Clock**, **Pictures** or **HTTP Source**)
- HTTP Source** selected: ▶ In the **HTTP Source** field, enter the URL for the Web page

Save the settings: ▶ **Set**



Setting the screensaver from the display menu: → [page 33](#)


Loading pictures

The available images are shown in the **Stored Pictures** list. A maximum of 20 images can be loaded into the telephone memory from the PC.

The data must be in the following format on the PC:

Format	Image size	Size
jpg	320 x 240 px, max. 250 KB	max. 5 MB

▶ Next to the **Picture file** click on **Browse** ▶ in the file system of the PC navigate to the location of the ringtone files in the memory and select the file required ... the file name is displayed

Load an image file: ▶ Click on  ... the image file is loaded into the telephone's memory and presented for selection

Select an image file: ▶ Highlight the image file (= selected) ... The image file is used as the screensaver

If multiple files are selected, they are shown alternately on the display.

Delete an image: ▶ Click on  ... the ringtone file is deleted from the list

Save the settings: ▶ **Set**



Check available space in the memory: → [page 47](#)

Assigning quick dial keys

Assign a quick dial number or function to the phone's – keys.

Select with quick dial: → [page 14](#)

▶ **Settings** ▶ **Desk Phone** ▶ **Keys and LEDs**

The **Quick Dial Keys** table contains an entry each for keys 1 - 4.

Assigning a function:

▶ Click the entry ▶ Select function from the list ▶ **Set**

Default The key has the standard function (digit key).

Quick Dial The key is used for quick dialling a number
▶ Enter the number in the text field

FAC (Function Access Code) The key sends a code to the phone system or provider to enable/disable a function or service.

▶ Enter the code in the text field

Example: *71 Enable call divert
*071 Disable call divert

Action URL The key is used to call an Action URL. An Action URL is used by the phone to communicate with a Web server application.

▶ Enter the URL in the text field

Assigning function keys

Function keys: → [page 10](#)

▶ **Settings** ▶ **Desk Phone** ▶ **Keys and LEDs**

The **Function Keys - Left** and **Function Keys - Right** tables contain an entry for every function key.



If an expansion module is connected to the phone, more function keys are available in **Function Keys - Expansion Module**. They are assigned exactly the same way as the function keys next to the display.

Key	Name of the key, identifies the position of the key next to the display
Function	Function assigned to the key
LED colour	Colour with which the LED on the key signals an event, such as an incoming call. Change colour: ▶ Click the entry ▶ Select the colour required

No Auto Provisioning

Function keys can automatically be assigned via a PABX. Preventing the key from being overwritten by the PABX:

▶ Activate the option (= activated)

Assigning a function:

▶ Click the entry ▶ Select function from the list ▶ **Set**

Possible functions:

No function	No function assigned
Line	Assigns a specific connection (line) to the function key. The key is used to initiate or accept a call on this connection. The key flashes if a call comes in and lights up if the line is busy. ▶ Select the desired connection
Shared Line	The telephone is connected to a PABX which supports this function and the number is assigned to a group. Assigns a "shared line" to the function key. This means several users share the same VoIP connection. The key is used to make a call via the shared connection or to answer an incoming call. It is configured on all extensions of the group. The keys flash on all extensions when a call arrives, and light up when the line on any extension is busy. ▶ Select the required connection ▶ Enter the Phone number of the "shared line"
Park + Retrieve	The phone is connected to a PABX which supports this function and the number is assigned to a group. This function key allows you to "park" a call to transfer it within a group using a shared line. It is configured on all extensions of the group. The "Park + Orbit" keys on all extensions flash if a call has been "parked" on an extension. The call can be picked up on any extension by pressing the key. ▶ Select the required connection ▶ Enter the Parking Space (number) of the shared line

- Quick Dial** Assigns a number to the function key.
 ▶ Select the desired connection ▶ Enter the **Target number**
- BLF** The phone is connected to a PABX which supports this function and the number is assigned to a group.
 A function key that is configured as BLF (Busy Lamp Field) indicates the status of a shared line. It is configured on all extensions of the group. The keys flash on all extensions when a call arrives, and light up when the line on any extension is busy.
 ▶ Select the desired connection ▶ Enter the **Target number**
 Accept incoming calls: ▶ Enter **Call Pickup Code**
- SIP URI** Assigns the function key a SIP URI (Internet phone number in SIP notation).
 ▶ Enter the SIP URI (e.g. sip:Susan.Brown@211.122.10.15)
- Call Divert** Enable the call divert set up previously (→ [page 39](#)).
 ▶ Select the **Line** for which the call divert is set up
- DTMF** Assigns the function key a number dialed using DTMF. This is required for example for querying and controlling certain network mailboxes via digit codes or for remote operation of the local answer machine.
 ▶ Enter the number to be dialed using DTMF signalling.
- Action URL** Assigns an Action URL to the function key. An Action URL is used by the phone to communicate with a Web server application.
 ▶ Enter the URL in the text field
- SIP INFO** Assigns the function key a SIP INFO call to the PABX. The following calls can be assigned.
- | | |
|--------------------|---|
| Record | Start/stop call recording |
| Divert CFU | Divert all calls |
| Divert CFB | Divert calls when the phone is busy |
| Divert CFNR | Divert calls when they are not accepted |
| Day/Night | Enable/disable day/night activation |
- FAC** (Function Access Code) The key sends a code to the phone system or provider to enable/disable a function or service.
 ▶ In text fields **Enable Service/Disable Service**, enter the codes for enabling/disabling the function or service . . . Pressing once sends the code in **Enable Service**, pressing once again sends the code in **Disable Service**.
 ▶ In the **Display Name** field, enter a description for the function key. This name is shown on the display next to the function key.

For the **Line**, **BLF** and **FAC** key assignments, you can select the LED colour.

- ▶ Select the required colour next to **LED colour**.

For key assignments **Line** and **BLF**, the selection **Standard** means:

Yellow	Not registered / error
Green	Free
Permanently red	Conversation ongoing
Flashing red	Incoming call

Save the settings: ▶ **Set**

System settings

Date and time

- ▶ **Settings** ▶ **System** ▶ **Date and Time**


Defining the time server

- ▶ **Automatic adjustment of system time with Time Server:** select **Yes** ▶ In the **Time Server** field, enter the name or IP address of the required server ... the most recent synchronisation with the time server is displayed ▶ **Set**

or

Entering the date and time manually

- ▶ **Automatic adjustment of system time with Time Server:** select **No** ... then

- Time and date:
- ▶ ... set the **Time** with the arrows
 - ▶ ...  open calendar ▶ select **Date**

06 : 32

Other settings

- Time zone: ▶ Select **Time Zone** from the list
- Daylight Saving Time: ▶ **Automatically adjust clock for daylight saving changes:** Select **Yes/No**
- Time format: ▶ Select **Time format** from the list:
12h (e. g. 6:00 AM) or **24h** (e. g. 18:00)
- Date format: ▶ Select **Date order** from the list:
Day Month Year (e. g. 17.04.2018) or
Month Day Year (e. g. 04.17.2018)

Save the settings: ▶ **Set**



Setting the time and date with the display menu: → [page 31](#)

Connections

The page shows information about the VoIP connections configured for the telephone.

▶ **Status** ▶ **Connections** . . . name and status are shown for each connection

Status	Registered	VoIP connection available.
	Not registered	Currently there is no VoIP connection assigned. The telephone cannot be used.
		▶ Please contact the administrator

The **Default send Connection** is marked with ✓.

Changing the standard send connection: → [page 38](#)

Storage Allocation

The page shows the memory space occupied by the internal memory and how much is still available (in percent). Personal data and ringtone files are stored in the internal memory, for example.

▶ **Status** ▶ **Storage Allocation**

Appendix

Service (Customer Care)

Do you have any questions? For quick assistance, please refer to this user guide or visit www.bintec-elmeg.com. Our bintec elmeg reseller will be happy to help with any further questions related to your bintec elmec phone.

Manufacturer's advice

Authorisation

Voice over IP telephony is possible via the LAN interface (IEEE 802.3).

Depending on your telecommunication network interface, an additional modem could be necessary.

For further information please contact your Internet provider.

This device is intended for use worldwide. Use outside the European Economic Area (with the exception of Switzerland) is subject to national approval.

Country-specific requirements have been taken into consideration.

We, bintec elmeg GmbH, declare that this device meets the essential requirements and other relevant regulations laid down in Directives 2014/30/EU and 2014/35/EU.

The full text of the EU declaration of conformity is available at the following internet address: www.bintec-elmeg.com/confomity

This declaration could also be available in the "International Declarations of Conformity" or "European Declarations of Conformity" files.

Therefore please check all of these files.

Environment

Disposal

Batteries should not be disposed of in general household waste. Observe the local waste disposal regulations, details of which can be obtained from your local authority.

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.



This crossed-out wheeled bin symbol on the product means the product is covered by the European Directive 2012/19/EU.

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

For more detailed information about disposal of your old appliance, please contact your local council refuse centre or the original supplier of the product.

Care

Wipe the device with a **damp** cloth or an antistatic cloth. Do not use solvents or microfibre cloths.

Never use a dry cloth; this can cause static.

In rare cases, contact with chemical substances can cause changes to the device's exterior. Due to the wide variety of chemical products available on the market, it was not possible to test all substances.

Impairments in high-gloss finishes can be carefully removed using display polishes for mobile phones.

Contact with liquid

If the device comes into contact with liquid:

- 1 **Disconnect the power supply.**
- 2 Allow the liquid to drain from the device.
- 3 Pat all parts dry.
- 4 Place the device in a dry, warm place **for at least 72 hours (not in a microwave, oven etc.)** with the battery compartment open and the keypad facing down (if applicable).
- 5 **Do not switch on the device again until it is completely dry.**







When it has fully dried out, you will normally be able to use it again.

Language		→ page 33
Local Network		→ page 34
VLAN		→ page 34
Reset	for administrators only	→ page 35
Reboot		→ page 35
Info		→ page 35






Display icons

The following icons are displayed depending on the settings and the operating status of your telephone.






Icons in the status bar

Icon	Meaning
	No VoIP connection
	USB device connected
	Keypad lock activated
	Ringtone deactivated
	Beep function activated (ringtone deactivated)
	Headset connected over USB

Display icons to indicate ...

Icon	Meaning
	Incoming call
	Establishing a connection (outgoing call)
	Connection established
	No connection established/connection terminated
	Conference established

Other display icons

Icon	Meaning
	Action complete (green)
	Action failed (red)
	Information
	Warning
	(Security) prompt

Index

-
- A**
- Accepted calls 22
 - Activating DTMF using a function key 44
 - Advisory tone
 - confirmation 32
 - key press 32
 - Alert tone (beep) 16
 - Analogue clock, as screensaver 33
 - Anonymous calling 15
 - Authorisation 48
-
- B**
- Back key 5
 - Beep (alert tone) 16
 - Black list 39
 - BLF (Busy Lamp Field) 44
-
- C**
- Call
 - accept 16
 - anonymous 15
 - block 39
 - during number entry 13
 - forwarding 20
 - in call list 22
 - incoming 16
 - information 22
 - initiate 13
 - outgoing 13
 - rejecting 16
 - Call divert
 - disable 21
 - set up (display menu) 21
 - set up (Web configurator) 39
 - Call list 22
 - accepted calls 22
 - all calls 22
 - copying a number to the directory 23
 - delete 23
 - delete an entry 23
 - dialling a number 14, 22
 - missed calls 22
 - open 22
 - outgoing calls 22
 - Call swapping 19
 - Call volume 32
 - Call waiting 19
 - accepting a call 18
 - activating/deactivating 18
 - rejecting a call 18
 - settings (Web configurator) 38
 - Caller
 - name on display 16
 - picture on display 16
 - Caller display 15
 - Caller picture 16
 - Care 49
 - Care of the device 49
 - Change telephone PIN 36
 - Change the volume 17
 - Colour scheme
 - set (display menu) 33
 - Company directory 28
 - displaying an entry 29
 - open 28
 - Conference call 20
 - Conference call key 5
 - Confirmation tone 32
 - Connection 38
 - expansion module 6
 - headset 6
 - LAN 6
 - PC 6
 - power adapter 6
 - receiver 6
 - status 47
 - Consultation call 19
 - Consultation call key 5, 19
 - Contact with liquid 49
 - Control key 5, 10
 - Conversation
 - put on hold 19
 - Copying a number
 - from the call list to the directory 23
 - Corporate directory
 - searching for entry 28
 - Correcting incorrect entries 12
 - Correction of incorrect entries 12
 - Country version 35
 - Customer Care 48

D	
Date format	31, 45
Daylight Saving Time	45
Deactivating the microphone	17
Default setting see Factory settings	
Delete numbers	13
Device, status	46
Dialling a number	
from the call list	14, 22
from the company directory	29
from the directory	14, 28
from the redial list	14
using a quick dial key	14
via function key	14
via the keypad	13
Dialling numbers	
cancelling	13
Digital clock, as screensaver	33
Directories	26
Directory entry	27
change	27
delete	28
in the corporate directory	28
new	27
Directory, local	
changing an entry	27
copying a number from the call list	23
delete	28
delete entry	28
display entry	27
new entry	27
open	26
Display	9
brightness when phone is in idle status	41
caller display	16
contrast	41
menu tree	50
returning to idle status	11
Display icons	52
Display illumination	
set brightness (display menu)	33
Display keys	4, 9
Display MAC address	35
Display menu	50
Disposal	48
DND (Do Not Disturb) see Silencing the telephone	
Do not disturb	17
Do not disturb (DND)	39
Do Not Disturb key	5
LED	5
Do not disturb key	17
Door interphone	30
open the door	30
reject the call	30
Door opener	30
E	
End key	5
Ending	
a call	18
Entering letters	12
Entering numbers	12
Entering text	12
Environment	48
Error tone	32
Expansion module	43
Expansion module, connection	6
F	
Factory settings	35
Firmware version	35, 46
Forwarding a call	20
Function key	14
BLF	44
connection	43
DTMF	44
Park + Orbit	43
quick dial	44
shared line	43
Function keys	5, 10
H	
Handset	
changing volume	17
Handsfree	
switching on/off	17
Handsfree key	5, 17
LED	5
Handsfree mode	13
changing volume	17
Hash key	4
Headset	
changing volume	17
using to make calls	13
volume	32
Headset connection	6
Headset key	5
LED	5
HTTP source for screensaver	41

I	
Icons	
indications	52
status bar	52
Idle status, returning to	11
Image	
load	42
use as screensaver	41
Indications, icons	52
Information on the telephone	35
Initiate consultation call	
from the directory	19
IP address	35
finding via the display	36
finding via the Web configurator	46
obtaining automatically	34
static	34
K	
Key	
conference call	5
consultation call	5, 19
control key	5
display	4
do not disturb	5, 17
end/back	5
handsfree	17
handsfree mode	5
hash	4
headset	5
message	24
message centre	5
mute	5
programmable	5
star	4
volume	4, 17
Keypad	
locking/unlocking	12
Keypad lock	
changing the PIN	36
PIN	12
L	
LAN connection	6
Language for the display screen	
setting (display menu)	33
setting (Web configurator)	41
LED	
do not disturb key	5
handsfree key	5
headset key	5
message key	5
mute key	5
LED colour	45
Line	
selecting for call	13
Liquid	49
M	
Main menu	11
Making calls	13
Manufacturer's advice	48
Medical equipment	8
Menu	11
navigation	10, 11
open	11
Menu tree	
display	50
web configurator	37
Message Centre	24
Message key	5, 24
LED	5
Missed calls	22
Mute key	5
LED	5
Muting	17
N	
Number	
copying from voice mail to the directory	25
showing on display	16
transferring to the local directory	13
O	
Open listening	17
Open the door	30
P	
PC connection	6
Phone	
rebooting	46
Picture	
delete	42
Port	
USB	6
Power adapter	8
Power adapter, connection	6
Put on hold	19

Q	
Quick dial	44
Quick dial key	14
R	
Receiver	
connection	6
volume	32
Redial list	22
dialling a number	14
Restart	35, 46
Restore factory settings	
using the device keys	35
using the display menu	35
Ringback	
cancelling	15
initiate	15
Ringtone	
activating/deactivating	16
delete	40
load	40
set using the display menu	31
set using the Web configurator	40
setting the melody	32
standard	40
volume for incoming calls	31
S	
Safety precautions	8
Screensaver	
enable/disable (display menu)	33
HTTP source	41
image	41
set brightness	41
setup	33, 41
Service	48
Setting language	
for Web configurator	36
Setting the date	
display menu	31
web configurator	45
Setting the language for the Web configurator	36
Setting the time	
display menu	31
web configurator	45
Shared line	
assigning function key	43, 44
Silencing the telephone	17
Speaker	
volume	32
Specifying the time zone	45
Standard ringtone	40
Standard send connection	13
change	38
display	47
Star key	4
Status	46
connections	47
device	46
memory assignment	47
Status bar	9
icons	52
Storage allocation	47
Submenu	11
SW version see Firmware version	
System settings	
date and time	45
saving/restoring	46
T	
Telephone	
connections	6
keys	4
Telephone settings	
in display menu	31
in the Web configurator	36
Time format	31, 45
Time server	31, 46
defining	45
U	
USB port	6
V	
VLAN (Virtual Local Area Network)	34
Voice mail	25
delete	25
playing	25
transferring number to directory	25
VoIP connection	13, 38
Volume for ringtone	31
Volume key	4, 17

W

Web configurator	
accessing	36
changing password	36
de-registration	36
menu structure (users)	37
selecting language	36
settings	36
starting	36
Webcam	
door interphone	30