DT292

Cordless Telephone for Aastra MX-ONE™ and Aastra MD110

User Guide

AASTRA

EN/LZT 103 70 R6A
© Aastra Telecom Sweden AB 2008. All rights reserved.

Table of Contents

Welcome 4
Important User Information 6
Description 13
Switching On/Off 22
Free Seating 23
Incoming Calls 24
Outgoing Calls 29
Phone Book 41
Call List 49
During Calls 51
Call Forwarding 57
Absence Information 66
Messages 68
Group Features 72
Other Useful Features 74
Settings 79
Installation 90
Troubleshooting 98
Glossary 100
Index 101

Welcome

Welcome to the user guide for the *Aastra DT292* cordless phone. This guide describes the available features of the telephone when it is connected to **Aastra MD110** or **Aastra MX-ONE™**.

The functions and features available with these telephones are designed for easy use in all different telephone handling situations.

Depending on the version and configuration of the exchange that your telephone is connected to, some of the functions and features that are described in this user guide may not be available. There may also be some differences in the way your telephone is programmed. Please consult your system administrator if you need further information.

Some markets use differing codes for some features. In this guide they are described using the most common code.

The latest version of the user guide can be downloaded from: http://www.aastra.com

Copyright

All rights reserved. No parts of this publication may be reproduced, stored in retrieval systems, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the publisher except in accordance with the following terms.

If this publication is made available on Aastra´s homepage, Aastra gives its consent to downloading and printing copies of the content provided in this file only for private use and not for redistribution. No parts of this publication may be subject to alteration, modification or commercial use. Aastra will not be liable for any damages arising from use of an illegal modified or altered publication.

Warranty

AASTRA MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Aastra shall not be liable for errors contained herein nor for incidental or consequential damages in connection with the furnishing, performance or use of this material.

Declaration of Conformity

Hereby, Aastra Telecom Sweden AB, Box 42214, SE-126 17 Stockholm, declares that this telephone is in conformity with the essential requirements and other relevant provisions of the R&TTE directive 1999/5/EC.

Details to be found at: http://www.aastra.com/sdoc

CE

Important User Information

Safety instructions

Save these instructions.

Read these safety instructions before use!

Recommendations

- Always keep and handle your products with care and keep them in a clean and dust-free place. Proper use and care will prolong the products life. Use a soft absorbent tissue or cloth to remove dust, dirt or moisture.
- Always ensure that the phone, battery and charger are used and operated in the environment for which they are designed.
- Operate the phone in temperatures between 0°C to +40°C (32°F to 104°F).
- Do not expose your products to liquid, moisture, humidity, solvents, strong sunlight, harsh environments or extreme temperatures, never above +60°C (+140°F), unless the product has been specifically designed and officially approved for such environments.

- Exposure to heat may cause batteries to leak, overheat or explode, resulting in fire, burns or other injuries.
- Do not put the product in the microwave oven: This may cause damage to either the oven or the product.

- Do not attempt to disassemble or alter any part of the phone, the charger(s) or the battery-pack. Disassembly or alteration may result in electrical shock or irreversible damage to the equipment. Only a qualified service personnel or an authorized Aastra partner should conduct internal inspections, alterations and repairs.

- Do not expose your product to open flames or lit tobacco products.
- Do not drop, throw or bend your products. This may cause malfunction or electric shock.
- Do not paint your product.
- Do not use your product in an area where a potentially explosive atmosphere exists, unless the product has been specifically designed and officially approved for such environments.
- To avoid hearing impairment, accept the call before holding your product (or portable handsfree device) to your ear.

Disposal of the product

- Your product should not be placed in municipal waste. Please check local regulations for disposal of electronic products.

Power supply

- Connect the AC power adapter of the charging unit only to the designated power sources as marked on the charger.
- Make sure the cord is positioned so that it will not be subjected to damage or stress.
- To reduce risk of electrical shock, unplug the chargers from any power source before attempting to clean or move it.
- The AC power adapters must not be used outdoors or in damp areas.
- Never modify the cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician.
- Limit the distance between the mains socket and the cordless phone when charging for easy accessibility.
- As an energy saving measure, disconnect the charger from the main socket after charging.
- When unplugging the mains adapter from the power outlet, make sure that your hands are dry and ensure that you hold the solid portion of the mains adapter.
- Do not pull on cables.

Charging and batteries

Please read carefully the following important precautions before the first time use of the batteries. Make sure to understand and observe all cautionary instructions stated, so as to avoid any possible safety hazards that are caused by any misuse, misapplication or damage to batteries.

- Only use batteries, mains adapters or desk and rack chargers which have been specifically designed for use with your product.
- Use of power sources not explicitly recommended may lead to overheating, reduced battery performance, distortion of the equipment and fire or other damages.
- Cordless phones are equipped with Nickel Metal Hydride (NiMH) batteries or Lithium Ion Lion batteries. In a complex infrastructure, the talk- and standby time may differ, due to the consequence of the increase in signaling.
- The battery must always be completely charged (minimal 4 hours) before first time use.
- The battery in your product is designed to withstand many charge cycles.
- Use only the recommended charging equipment.
- Improper charging can cause heat damage or even high pressure rupture.
- Observe proper charging polarity.
- Do not solder lead wires directly onto the battery.
- Do not allow water to come into contact with the battery.
- The initial charging of a NiMH battery will cause the battery to become warm. This is a normal effect of charging NiMH batteries.
- The batteries are replaceable, however it is not the intention to do this frequently.
- Only charge the batteries when placed in the phone.
- Use only the specified battery-packs for your product.
- Never heat or dispose of the battery into a fire, which, or else, may cause leakage, burst or fire.
- Remove the carrying case from the product while in charger.
- Do not cover the product while being charged. Do not charge the phone in a closed cabinet or drawer. The charging of the battery is a chemical process and causes the battery to become warm during charging. Make sure the environment in which the phone is charged, is well vented.
- The cordless phone can be charged either when switched on or off.
- Do not connect the battery's positive and negative leads altogether in any circumstances.
- Do not strike or drop the battery. It may cause damage to the battery.
- Do not charge the battery below +5°C (+41°F). Be sure to charge the battery between +5°C and +45°C (+41°F and 113°F). Charging beyond these conditions may impair the battery performance and shorten the life cycle.

- Do not use battery packs from different types, brands or of different capacities.
- The battery is to be stored in a dry cool place, with the ambient temperature of approx. +25°C (+77°F) for best performance.
- The battery continues to discharge a minimal portion of its power, even if the product is switched off or the battery is removed.
- Dispose the battery in accordance with all local regulations, applicable in your country.

Warnings

Smoke or fumes

- Stop operating the products and turn off immediately in case of smoke or fumes. Unplug the mains adapter and remove the batteries from the phone immediately. Continued operation may result in fire or electrical shock.

LCD

- If the liquid crystal display breaks, avoid injury by not allowing the liquid crystal to come into contact with eyes, skin or mouth. Prevent the liquid crystal from leaking out of the broken glass.

Preventing malfunction

- Never place the equipment in close proximity of electric motors, welding equipment or other devices generating strong (electro) magnetic fields. Exposure to strong (electro) magnetic fields may cause malfunction and corrupt the communication.
- Moving the equipment rapidly between warm and cold temperatures may cause condensation (water droplets) to form on its internal and external surfaces. Water droplets may cause malfunction of the equipment and corrupt or end communication or damage the equipment. When condensation is noticed, stop using the equipment. Switch off the phone, remove the battery and unplug the mains adapter from the power outlet. Wait until the moisture evaporates from the equipment before putting it in operation again.
- Avoid accidental drop of the phone. Use the clip, security clip or carrying case specified for carrying purposes of the phone.
- Avoid squeezing the phone between furniture and your body when carrying the phone in your pocket or attached to clothing.

Intrinsic safety

The *DT292* phone is not specified as intrinsically safe, so do not use it in areas with a danger of explosion.

Preparing for use

Before using the DT292 the first time you have to charge and connect the battery, see section “Preparing for use” on page 91.

> **Note:** *Place the DT292 in the charger and charge it for at least 4 hours before using it the first time.*

PIN code

Your phone is initially provided with a pre-set PIN code (Personal Identification Number). You should change this PIN code to a personal PIN code to prevent misuse.

To change the PIN code

Route: *Settings » PhoneLock » ChangePIN*

ChangePIN **Select.**

Press.
EnterOldPIN: is displayed.

Enter the current PIN code (default 0000) and press.
Either EnterNewPIN: or Wrong PIN is displayed. In the latter case, you have entered a number that does not match the current PIN code.

Enter the four digits of the new PIN code and press.
RepeatNewPIN is displayed.

Enter the new PIN code again and press.
Either New PIN accepted or Wrong New PIN is displayed.

Note the new PIN code for future use.

If you incorrectly enter a new PIN code three times in a row, your phone leaves this menu option.

In other situations, if you enter an incorrect PIN code three times in a row, your phone is blocked and PIN Blocked, Unblock? is displayed. See section “IPEI code” on page 11 to unblock your phone.

IPEI code

If your phone is blocked because an incorrect PIN code has been entered three times, you can unlock it with the IPEI code (International Portable part Equipment Identity). After entering the IPEI code, you must enter a new PIN code.

The IPEI code is a unique code which has been assigned to your phone. The IPEI code can be found in the ShowIPEI menu.

If your phone is blocked, PIN Blocked, Unblock? appears. The phone must be unblocked before it can be used again.

To display the IPEI code

Route: *Information » ShowIPEI*

Select ShowIPEI **and press.**
Enter PIN: is displayed.

Enter the PIN code for your phone (default 0000) and press.
The 13-digit IPEI code is displayed.

Press to leave this menu.

> **Note:** *Write down the IPEI code for future use. If you cannot retrieve the IPEI code, please contact your system administrator. Keep the IPEI code secret to prevent misuse of your phone.*

Unblock the DT292

Press.
Backdoor: is displayed.

Enter the IPEI code and press.
EnterNewPIN: is displayed.

Enter the four digits of the new PIN code and press.
RepeatNewPIN is displayed.

Enter the new PIN code again and press.
Either New PIN accepted or Wrong New PIN is displayed. In the latter case, the new PIN and the code you have just entered do not match. If New PIN accepted appears, you can use the phone again.

Accessibility and voice quality

The base network is not always available. If you do not get in contact with your system, contact your system administrator. For best voice quality, avoid positioning near computer, radio or similar euqipment.

Operating area

You can use your cordless telephone in the area that is covered by the network. Outside this area you will lose contact with the telephone network. The signal strength icon will disappear and No network will be displayed.

Out of coverage

When you leave the system's coverage area there will be a short beep and a lamp indication.

When re-entering the coverage area it can take a couple of minutes before the phone automatically has registered into the system.

Networks (menu option)

The menu option Networks should only be used for administration purposes by service staff. Using this menu option may cause a logout from the DECT/GAP network, and no further calls will be possible.

> **Note:** *In case of a logout, the phone must be logged on again by a service technician.*

Description

1 **Volume Up**
Off-hook: raise earpiece volume. See section “Settings” on page 79.

2 **Volume Down**
Off-hook: lower earpiece volume. See section “Settings” on page 79.

3 **Off-hook / Yes**
Answer call, accept.

4 **Clear (C) / Mute**
Delete latest entered digit. Backspace when editing text. Cancel a menu option. Microphone, ringer and warning on/off, see sections “During Calls” on page 51 and “Settings” on page 79.

5 **Control key (up)**
Scroll up through menus or name list. Move left through the choices.

6 **1 / Space**
Space when editing text. See section “Phone Book” on page 41.

7 **Battery (rear side)**
See section “Installation” on page 90.

8 **Star / Pause / Text case**
Insert a dial tone pause. Upper/lower case in text mode. See section “Phone Book” on page 41.

9 **Microphone**

10 **Warning light**
Ringing, message waiting, battery low, exit cover area.

11 **Earpiece**

> **Please note:** *The phone may retain small magnetic articles around the earpiece region.*

12 **Display (3 rows)**
Display at rest. Work is the network name and 132 is (your) extension number. See section “Display information” on page 17.

13 **On/Off / On-hook / No**
Switch on/off, end call, one menu back. Cancel a menu option.

14 **Control key (down)**
Scroll down through menus, name list. Move right in choices.

15 **Keypad**

16 **Handsfree**
Activate handsfree speaking. See sections “Incoming Calls” on page 24, “Outgoing Calls” on page 29 and “During Calls” on page 51.

17 **R/Message**
Put call on hold (inquiry), take call off hold or enter the message system. See section “During Calls” on page 51.

18 **Accessory connectors**
See section “Installation” on page 90.

19 **Loudspeaker (rear side)**
For handsfree speaking function. See sections “Incoming Calls” on page 24, “Outgoing Calls” on page 29 and “During Calls” on page 51.

Phone signals

The cordless phone is signalling certain events audibly and visually as described below.

Signal	*Meaning*
Red warning light	Incoming call Message waiting Battery almost empty Cordless phone out of range or not connected

The cordless phone also generates audible ring signals, alarm signals and warning tones, and key clicks.

Sound	*Meaning*
Ring signal	Incoming call
Alarm signal	4 short beeps every 30 seconds: battery almost empty 4 short beeps every 2 minutes: Cordless phone out of range or not connected
Key click	You hear this each time you press a key (when selected). See section “Key Sound” on page 85.
Warning tone	You have pressed a key which has no function.

Tones

The following different tones are sent from the exchange to your phone.

Tone characteristics

The tones shown in this section are the most used tones worldwide. Many markets use a differing tone for one or more situations.

Dial tone

Special dial tone

Ringing tone or queue tone

Busy tone

Congestion tone

Number unobtainable tone

Call waiting tone

Intrusion tone

Conference tone

every 15 seconds (to all parties)

Verification tone

Warning tone, expensive route

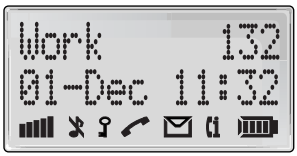
Display information

The display gives you visual feedback on all actions that you perform, and also textual warnings.

The upper two rows are text rows (12 possible characters in each row), showing menus that you can access, names and numbers that you edit or dial, your phone ID etc. The lower row displays different statuses, visualized by icons.

> **Note:** *The information displayed varies depending on the version and configuration of the exchange, and whether you use a DECT or an IP DECT phone. Consult your system administrator to find out which type of phone you have.*

The DT292 display:

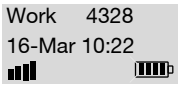


The following display examples show the different states of your phone.

Idle phone

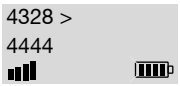
Depending on the state and setting of your phone, different information can be shown.

Normal:



Work is the programmed name of your network and can be renamed to something more suitable, i.e. your first name, company name, etc. To rename your network, contact your system administrator. To the right of the display is your own extension number.

Follow-me activated:

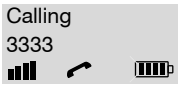


The display shows your own extension number 4328 diverted to extension number 4444.

Outgoing call

Normal outgoing call:

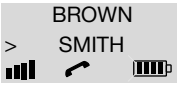
When you make an outgoing call, both the connection state and the dialed number or name are displayed:



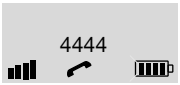
When the call is answered:

Diverted call:

If the dialed number is diverted, the diversion information is shown. For example, the display shows the dialed number 3333 (Smith) diverted to 4444 (Brown):



When the diverted call is answered, only the number of the answering position is displayed:



Incoming call

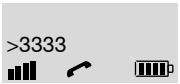
Normal incoming call:

If available, the number or the name of the caller is displayed. The examples show an incoming call:

When you have answered the call, the caller's number is moved to the right of the display.

Diverted call:

A diversion indicator in front of the number or the name tells you that the call is diverted to your phone. For example, the display shows that number 3333 (Smith) was dialed, but the call was diverted to you:



When you have answered the call, the display shows only the caller's number.

Signs in the text rows

\> **Menu pointer / Diversion indicator**
Shows the menu that can be accessed by pressing the YES key. When displayed before a name or number it indicates that the phone is diverted to another extension.

< **Number too long for display**
There are more digits to the left.

Call list icon
Marks an entry in the Call list. Three different call types are displayed:

<- *Incoming call*

-> *Outgoing call*

X *Missed call*

! **Exclamation Mark**
Marks an unread entry in an entry list.

Display icons

Signal strength
On when your phone is locked to the system. The bars indicate reception quality. Four bars indicate optimal reception.

Ringer off
Ring signal muted or microphone off.

Key lock
Keys are locked.

Call
On when your phone is off-hook and flashes during ringing.

Message
Message received.

Call info
New unanswered entry in the *MissedCalls* list.

Battery gauge
The battery cells flash sequentially while the battery is charging and remain solid when charging is complete. Indicates the amount of talk and standby time left.

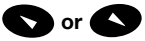
> **Note:** *An alarm sounds when there is less than 15 minutes calling time left in the battery.*

Additional display features

Depending on which network you are connected to, additional display features are available. For example, displaying the date and time. Ask your system administrator if you require additional display features.

Menu structure

The available phone-specific functions and network functions can be accessed via the DT292 menus.



Press to access the on-hook menu when in idle state or to access the off-hook menu during a call (see below).

Menu Structure

Options available when "on-hook"

- **PhoneBook**
  - Find&Call *
  - Store
  - Find&Edit *
  - DeleteAll *
- **Messages x** *
  - Voice: x
  - Mailbox
  - AddNew
  - AddCallList
  - Edit
  - Delete
- **Settings**
  - Alarm
    - SetAlarm
    - AlarmOff *
  - AutoKeyLock
  - Alerts
    - RingVolume
    - RingType
      - Internal
      - External
      - CallBack
      - Message
    - KeySound
    - DiscreetRng
    - Vibrator
      - OnIfSilent
      - On
      - Off
  - PhoneLock
    - PowerOn
    - Subscript
    - ChangePIN
  - MasterReset
  - Language
  - MessageKey
    - Mess.KeyNo
  - Display
    - Light
    - Contrast
- **Networks** **
  - SelectNet
  - Priority *
  - Rename
  - Delete
  - Subscribe
- **Information**
  - CallList *
  - MissedCalls *
  - LastCall *
  - TotalCalls
  - ShowIPEI
  - DevServices *

Move within a menu.
YES — Make selection. Move to submenu.
NO — Move to previous menu.
C MUTE — Move to idle display.

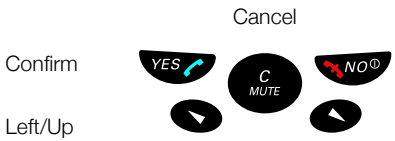
Options available when "off-hook"

- Find&Call *
- CallList *
- GoToDTMF ***
- DevServices *

Notes:

* *Available under certain conditions (e.g. entries stored).*
* * *Only to be used by system administrator*
* * * *Alternative menu DTMF-Long is not applicable for MD110.*

Navigation keys



Switching On/Off

Switch on

Press until the display lights up.
If the phone does not switch on or the battery icon starts flashing, the battery is low. Charge the battery. While charging you can still use your phone.

Note: *If the signal strength icon is off and the message* No network *is displayed you cannot make or answer calls.*

Switch off

Note: *During calls, you cannot switch off your phone.*

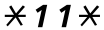
Press until the display turns blank.
Your phone is switched off.

Free Seating

The Free Seating function is used for persons who have an office extension number but no telephone set of their own. For example, flexible office workers, persons mostly outside the office, etc. As a free seating user and working from the office, you log on to any free telephone set that temporarily will be assigned with your extension number and your system authorities.

Note: *Free seating is not supported by IP DECT.*

To log on



Dial.

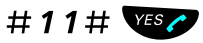
Enter the Authorization Code and press.

Enter your extension number and press.

Wait for the call icon to stop flashing.

Press to finish the procedure.
The display shows your phone number.

To log off



Dial and press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Incoming Calls

A ring signal indicates an incoming call and the warning light flashes quickly. The ring type can tell you whether the call is an internal, external or callback call and the display indicates an incoming call.

The twenty last received/dialed/missed phone numbers are stored in the Call list, see section “Call List” on page 49.

Answer calls

Display example:

If the number is stored in the Phone book, the associated name is shown instead.

Press to answer.
If you do not answer the call, the number is stored as a missed call in the Call list. See section “Call List” on page 49.

> **Note:** *Calls can be answered at any time, no matter if you are programming, or keying in a number etc.*

Mute ring sound or warning sound

If the phone rings or a warning sounds at an inconvenient moment you can temporarily suppress the sound:

C MUTE

Press to turn off the ringing for the moment.
The ring off icon appears.

Even with the sound off, you can still answer the call. The warning light and hook icon keep flashing. If you do not answer the call, the number is stored as a missed call in the Call list. To turn off the ring sound permanently, see section “Volume control” on page 79.

> **Note:** *If you decide not to answer the call, press the NO key. The call is rejected and there is no entry in the Call list.*

Reject the call

If you do not want to take the call, when the phone rings:

NO

Press to reject the call.
The call is disconnected.

Handsfree

INT

Press to answer the call in handsfree speaking mode.
You are connected to the caller via the loudspeaker and the microphone.

End the call

NO

Press.
The duration time of the call is shown.

On another extension

You can answer a call to a phone in another room.

Call the ringing extension and press.
Busy tone.

8 **Press.**

Note: *France press* ***4****; Sweden press* ***6***

Call list

The last 20 dialed numbers, missed calls and answered calls are stored in the Call list (if supported by the network). See section “Call List” on page 49.

Parallel Ringing

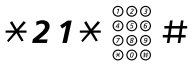
The Parallel Ringing function makes it possible for an incoming call to ring several phones simultaneously and for the call to be answered on any of the phones. The main advantage of this function is that you do not risk losing any calls.

The function requires all the phones involved to be defined in a *Parallel Ringing list*, which must be configured and initiated by your system administrator. Because only calls to a main extension will be distributed among the phones in the list, this main extension also needs to be defined.

A call to a specific extension will not be distributed to other phones in the list, and will only ring that specific extension's phone.

Parallell Ringing can be temporarily disabled by the phone user using the function “Internal Follow-me”. See also section “Internal Follow-me” on page 57.

To disable Parallel Ringing temporarily



Dial, enter the extension number and press.

Note: *U.K., dial* ✳ **2** ✳ *Number* #.

Press.

Wait for the call icon to stop flashing.

Press to finish the procedure.
If you want to disable Parallel Ringing for all phones defined in the list, follow the procedure for disabling the function from the phone with the main extension number and enter the number of the answering position.

If you want to disable Parallel Ringing for one specific phone in the list only, follow the procedure for disabling the function from this phone and enter its extension number.

To restore Parallel Ringing

#21# **Dial.**

Press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Notes:
*U.K., dial **# 2 #**.*

If you want to restore Parallel Ringing for all phones defined in the list, follow the procedure for restoring the function from the phone with the main extension number and enter the number of the answering position.

If you want to restore Parallel Ringing for one specific phone in the list only, follow the procedure for restoring the function from this phone and enter its extension number.

Outgoing Calls

Make calls

You can also make a call via the Phone book, see section “Make a call” on page 42.

Enter the phone number and press.
The number is shown in the display. Your phone will go off hook and establish the connection. The number is stored in the Call list.

The number may be any of the following:

- an extension number,
- an external number, preceded by the digit or digits for external call access.

Notes:
Correct a wrong entry by pressing the C/MUTE key. If you decide not to make the call while keying in the number, press the NO key to stop.

*If a pause is required in the number, it is added by making a long press on the * key. The pause is indicated with a - in the number.*

*Enter + for international calls by making a long press on **0**.*

You can make your calls faster by using the Call list or adding frequently used numbers to the Phone book. See sections “Call List” on page 49 and “Phone Book” on page 41.

If you receive a queue tone when the digit or digits to get an external line are dialed (if the feature Least Cost Routing is used in the system), keep waiting. Once a line becomes free you will receive a dial tone. If a warning tone is heard, the selected line is marked “Expensive”.

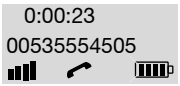
Off-hook dialing

If you prefer to dial a number off-hook:

Press and hold and wait for the dial tone.

Note: *A short press activates the Call list.*

Dial the number and wait for a connection.



Note: *Off-hook dialing is not supported by IP DECT.*

Handsfree

While you are waiting for a connection, dial tone or during the call:

Press to switch the call to handsfree speaking mode.
You are connected to the caller via the loudspeaker and microphone.

End the call

Press.
The duration of the call is displayed.

Call list

The last 20 dialed numbers, missed calls and answered calls are stored in the Call list (if supported by the network). See section “Call List” on page 49.

Number Presentation Restriction

If you do not want your name and number to be displayed to the person you are calling, use the following procedure.

Notes:
This function might be blocked for use on your extension (programmed by your system administrator).

The Number Presentation Restriction is only valid for the ongoing call, i.e. the procedure has to be repeated the next time you want to use it.

✳42# YES

Dial and wait for a new dial tone.

Dial the number.
Instead of your name and number, the display on the called phone shows Anonymous.

Last External Number Redial

When you initiate an external call the system automatically stores all the dialed digits, irrespective of whether the call was successful or not.

✳✳✳ YES

Press to redial the last dialed external number.
The display will show the dialed number.

Note: *Sweden and Finland, dial ✳✳0.*

Call Statistics

Your phone can tell you the duration of your last call and display the total time of all external calls made.

To see the time spent on your last call

Route: *Information » LastCall*

LastCall **Select.**

Press.
The length of the last call is displayed in hours, minutes and seconds.

Press to leave this menu.

To see the time spent on all outgoing external calls

Route: *Information » TotalCalls*

TotalCalls **Select.**

Press.
The total time of all external calls made is displayed in hours, minutes and seconds.

Press to leave this menu,

or

press to delete the entry from the list.

When you receive a busy tone

If you call an extension and receive a busy tone, or get no answer, or all external lines are busy, you can use any of the following methods:

Callback

If a called extension is busy or there is no answer:

6 **Press.**

Note: *France, Sweden and Finland, press* ***5****.*

Press to finish the procedure.
You are called back (recall ring signal) when the ongoing call is finished or the next time a new call is finished. You have to answer within eight seconds, otherwise the Callback service is cancelled. While waiting for the Callback, you can make and receive calls as usual.

Press when you are called back.
The system calls the extension.

Note: *Callbacks can be activated on several extensions at the same time.*

If all external lines are busy when the YES key is pressed after dialing the external number:

6# **Press.**

Note: *France, Sweden and Finland, press* ***5#****.*

Press to finish the procedure.
When an external line becomes free you will be called back (recall ring signal). You have to answer within eight seconds otherwise the Callback service is cancelled. While waiting for the Callback, you can make and receive calls as usual.

Press when you are called back.
The system calls the external number.

Note: *Only one Callback can be activated on a busy external line.*

Cancel any single Callback

#37*

Dial and enter the extension number.

Note: *To cancel a single Callback on a specific external line, dial the digit or digits to get a line instead of the extension number.*

#

Press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Cancel all Callbacks

#37#

Dial and press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Activate Call Waiting

If you urgently wish to contact a busy extension or an external line, you can notify by a Call Waiting signal.

5

Press.

Note: *France and Finland press,* ***6****; Sweden press,* ***4****.*

Keep your phone off hook.
When the called extension or the external line becomes free, it will be called automatically.

Note: *The Call Waiting function might be blocked for use on your extension (programmed by your system administrator). If Call Waiting is not allowed you will continue to receive a busy tone.*

Intrusion on a busy extension

You can intrude on an ongoing call on a busy extension.

4 **Press.**

Note: *France and Sweden, press* ***8****.*

Before the Intrusion is executed, a warning tone is sent to the parties in the ongoing call. A three party call is established and a warning tone is heard.

Note: *The warning tone might be disabled for your system. The Intrusion function might be blocked for use on your extension (programmed by your system administrator). If Intrusion is not allowed, you will continue to receive a busy tone.*

Bypass

If this function is allowed from your extension, you can bypass an; activated Diversion, activated Follow-me or activated Absence Information on a specific extension.

Dial.

Enter the extension number.

Press and wait for answer.

Speed Dialing

> **Note:** *You can also make Speed Dialing calls via the Phone book and Call list, see sections "Phone Book" on page 41 and "Call List" on page 49.*

Common Speed Dialing numbers

By using common Speed Dialing numbers, you can make calls simply by pressing a few keys. The common Speed Dialing numbers consist of 1–5 digits and are stored in the exchange (by your system administrator).

Dial the common Speed Dialing number.
Please refer to your telephone directory.

Press to make the call.

Quick Call-By-Name

(*0 – 9*) **Press the key with the initial letter of the name until a name is shown.**

To move to the next initial letters:

Press the key once again quickly for the next letter or twice quickly for 3rd letter.

Scroll to find the name.

When the name has been found:

Press to call.

Press to end the call.

Example: To call Bob.

(Anita, Bill and Bob are programmed in the Phone book).

2 **Press and keep pressed.**
Anita is shown in the display.

2 **Press again, shortly.**
Bill is shown in the display.

Press.
Bob is shown in the display.

Press to call Bob.

Programming a number or function on the R/Message key

You can program a number that you call very often or program a function (depending on system).

Route: *Settings » MessageKey » Mess.KeyNo*

Enter the number.

Press.

Note: *Only one number or function can be programmed. If you change it, the default function to enter your mailbox directly will not work any more. If you want to use the Message Waiting function (default) again, the number to enter the mailbox has to be re-entered.*

Authority

Authorization Code, common

If you are assigned to use a common Authorization Code (1 to 7 digits), you can temporariliy change any used phone within the exchange to the authority level connected to this code. You can use the code for one call only or you can open the phone for some calls and lock it when leaving the phone.

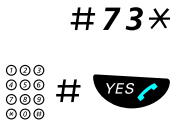
To use for a single call:

Dial.

Enter Authorization Code and press.
Verification tone.

Dial the digit or digits to get a line and the external number.

To open an extension for some calls:

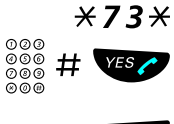


Dial.

Enter Authorization Code and press.
Verification tone.

Press to finish the procedure.

To lock an extension:



Dial.

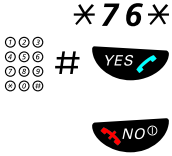
Enter Authorization Code and press.
Verification tone.

Press to finish the procedure.

Authorization Code, individual

If you are assigned to an individual Authorization Code (1 to 7 digits, assigned to your own extension) you can lock your own extension to a common authority level, e.g. when out of the office. You can also temporarily change any other used phone within the exchange to the same authority level as you have on your own phone. The individual code can be changed from your own extension.

To lock your phone:

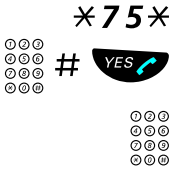


Dial.

Enter Authorization Code and press.
Verification tone.

Press to finish the procedure.

To make calls with your authority level when your phone is locked:

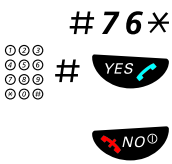


Dial.

Enter Authorization Code and press.
Verification tone.

Dial the digit or digits to get a line and the external number.

To open your phone:



Dial.

Enter Authorization Code and press.
Verification tone.

Press to finish the procedure.

To assign your own authority level to another phone:

Dial.

Enter Authorization Code and press.

Dial your own extension number and press.
Verification tone.

Dial the digit or digits to get a line and the external number.

To change your individual Authorization Code:

Dial.

Enter old Authorization Code and press.

Dial new Authorization Code and press.
Verification tone.

Press to finish the procedure.

Phone Book

Your phone is equipped with a personal Phone book where you can make up to 100 entries (names and numbers). You can consult and change the Phone book via the **PhoneBook** menu option.

The Phone book lists all names in alphabetical order. You can freely add names and numbers to the Phone book.

Notes: *Phone book numbers have a maximum of 24 digits.*

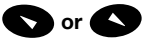
Phone book names have a maximum of 12 characters.

An indication that the Phone book is full, means that you have to delete an entry before you can add a new one.

Use the Phone book

Access the names and numbers of the Phone book.

Access PhoneBook**.**



Use the arrow keys to select the required option.

Make a call

You can search for a name and number in the Phone book. When you have accessed the Phone book:

Route: *PhoneBook » Find&Call*

Select Find&Call **and press.**
Enter Name: or **Phone book is empty** is displayed.

Press the key which has the first letter of the name you are looking for.
How to write text, see section “Write text” on page 47.

Press to confirm.
The first name beginning with that letter is displayed.

Scroll down until you find the name and press.
The number is dialed.

Note: *How to make calls via the Call list, see section “Call List” on page 49.*

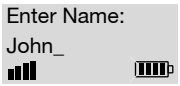
Add a name or a number

You can use the **AddNew** option to enter names and numbers in the Phone book. When you have accessed the Phone book:

Route: *PhoneBook » Store » AddNew*

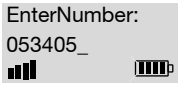
AddNew **Select.**

Press.
Enter Name: or **Phone book is Full** is displayed. In the latter case, you have to delete a Phone book entry first before you can add a new one.



Enter a name.
How to write text, see section “Write text” on page 47.

Press to confirm.
EnterNumber: is displayed.



Enter the phone number.

Press if you have to wait for a second dial tone.

Press to confirm.
The name and number are stored in the Phone book.

Change a name or a number

With the **Edit** option, you can change the names and numbers in the Phone book. When you have accessed the Phone book:

Route: *PhoneBook » Find&Edit » Edit*

Edit **Select.**

Press.
Enter Name: is displayed.

Enter the first letter of the name and press.
The first name beginning with that letter is displayed.

Scroll down until you find the name.

Press once to change a name.

Note: *Press the YES key twice to change a number.*

Correct the name or number.

Tip: *Press the Up key for one second to "jump" to the most left character of the number or press the Down key for one second to "jump" to the most right character. Press the C/ Mute key for one second to clear the whole name/number.*

Press to confirm.

Note: *Press the YES key only once if you have changed a number.*

Delete a name or a number

You can also delete names and associated numbers from the Phone book. When you have accessed the Phone book:

Route: *PhoneBook » Find&Edit » Delete*

Delete — **Select.**

Press.
Enter Name: is displayed.

Enter the first letter of the name and press.
The first name beginning with that letter is displayed.

Scroll down until you find the name.

Press to delete the name and number.
The name and number are deleted from the Phone book.

Delete all names and numbers

Route: *PhoneBook » DeleteAll*

DeleteAll — **Select.**

Press.
Delete? appears.

Press to confirm.
All names and numbers are deleted from the Phone book.

Add numbers from the Call list

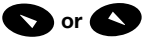
Up to 20 numbers (dialed, answered and missed) can remain stored in the Call list of your phone. You can use the AddCallList option to add these numbers to the Phone book.

Menu option AddCallList appears only if names or numbers are available for redial. When you have accessed the Phone book:

Route: *PhoneBook » Store » AddCallList*

AddCallList **Select.**

Press.
A list of numbers is displayed. If Phone book is Full appears, you have to delete a Phone book entry first before you can add a new one.



Scroll through the list of numbers until you have the number you want to store.

Press.
Enter Name: is displayed.

Enter a name.

Press.
Edit Number: is displayed. The number to be added is displayed.

Edit the number if necessary.

Press to confirm.
The name and number are stored in the Phone book.

Write text

The characters that you can enter, are written above each key. Use the keypad to write text. The following explains how to write text when you add a new name in the Phone book menu.

AddNew **Select.**

Press.
The phone changes to text entry mode automatically.

Example (to write SMITH):

7777 **Press for S.**

6 **Press for M.**

444 **Press for I.**

8 **Press for T.**

44 **Press for H.**

Press to confirm your edit and exit the menu.

Control keys

While entering a name or a number you can use the following keys for control and navigation:

Press to move left.

Note: *Moves to the beginning of the text if held longer.*

Press to move right.

Note: *Moves to the end of the text if held longer.*

Press to switch between upper and lower case.

Note: *Pressing for more than one second will add a dial tone pause.*

1 **Press to enter a space.**

Press to correct a wrong entry.
The character to the left of the cursor is cancelled.

Special characters

Use the keypad to enter letters and characters. Press a key once for the first letter or character, twice for the second, three times for the third, etc. The most common letters are printed above each key on the phone. All the available letters and characters are shown in the following table:

Phone key	Number of times to press the key												
	1	2	3	4	5	6	7	8	9	10	11	12	13
1	Space	-	?	!	,	.	:	"	'	(	)	1	
2	A	B	C	Å	Ä	Æ	À	Á	Â	Ã	Ç	2	Γ
3	D	E	F	È	É	Ê	Ë	3	Δ	Φ			
4	G	H	I	Ğ	¡	Ì	Í	Î	ï	4			
5	J	K	L	5	Λ								
6	M	N	O	Ñ	Ö	Ø	Ò	Ó	Ô	Õ	Œ	6	
7	P	Q	R	S	ß	Ş	7	Π	Σ				
8	T	U	V	Ü	Ù	ú	û	8					
9	W	X	Y	Z	Ý	Ÿ	9						
0	0	+	&	@	/	$	%	£	Θ	Ξ	Ψ	Ω	
#	#	*											

Note: *Depending on the selected menu language, other characters might be available, which means that the character order differs from the table above.*

Example special characters:

8 **To enter Ü press 8 (four times).**

1 time result T
2 times result U
3 times result V
4 times result Ü

Press to confirm your edit and exit the menu.

Call List

The last 20 dialed numbers, missed calls and answered calls are stored in the Call list (if supported by the network).

The different call types in the Call list are marked with the following icons:

<- *Incoming call*

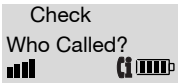
-> *Outgoing call*

X *Missed call*

Notes:
*An exclamation mark (***!***) after an entry number means that you have not read that entry yet.*

The CallList *menu is only displayed, if names or numbers are available for returning a call.*

When there are new unanswered calls, the call info icon is displayed and the display shows:



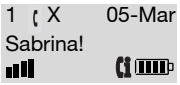
Press to show who called and return the call,

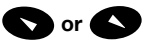
or

press to not return the call.

To return a call

Press shortly.
The Call list including dialed numbers, missed calls and answered calls appears. Each entry in the list is displayed with a number in the upper left corner of the display. The phone beeps if there are no names or numbers available for redial.





Scroll until you have the right number or name.

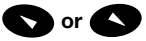
Press to dial the selected number.

> **Tip:** *If you press the C/MUTE key instead of the YES key, you can edit the number before dialing.*

Redial number from Call list

Dialed numbers are stored in the Call list (if supported by the network).

Press shortly.
The Call list appears.



Scroll until you have the right number or name.

Press to dial the selected number.

> **Tip:** *If you press the C/MUTE key instead of the YES key, you can edit the number before dialing.*

You can also access the Call list via the CallList menu.

> **Route:** *Information » CallList*

You can permanently store the numbers from your Call list to your Phone book. See section “Add numbers from the Call list” on page 46.

During Calls

Mute microphone

To mute the microphone during an ongoing conversation:

Press.
The caller will not hear the conversation in your room.The ring off icon indicates that the microphone is off.

Press again, to turn the microphone on.

Note: *It is advised to use this feature instead of putting a call on hold. A call on hold may be diverted to your operator, directly or after some time.*

Loudspeaking (Handsfree)

This function is extremely useful in situations when you need to have a conversation over the phone while having your hands free for other tasks (handsfree). You can switch to handsfree speaking (and back to standard speaking procedure) at any time during a call.

Press to switch handsfree speaking mode on or off.
During handsfree speaking, you are connected to the caller via the loudspeaker and microphone.

Inquiry

You have an ongoing conversation and want to make an Inquiry to an internal or external party.

Press and call the third party.
The first call is put on hold. When the third party answers, you can switch between the calls (Refer Back), transfer the call, create a Conference or end one of the calls.

To end the Inquiry call:

Press.

Press and wait for the system to recall.
(Default 30 seconds, may vary locally).

Press to return to the first call.

Refer Back

2

Press to Refer Back to the other party.
The party you talked to is put on hold, the other party is connected.

Note: *Sweden press*

Inquiry via the Phone book

If you don't know the number by heart, you can make an inquiry to a third party in the Phone book during a call.

Route: *PhoneBook » Find&Call*

Select Find&Call **and press.**
Enter Name: is displayed.

Enter the first letters of the name and press.

Scroll down until you find the name and press.
The first call is put on hold. When the other party answers, you can switch between the calls (Refer Back), transfer the call, create a Conference or end one of the calls.

Press to end the inquiry call.
The third party is disconnected.

Press to return to the first call.

Transfer

You have an ongoing call and you want to transfer the call to another extension.

Press.
Dial tone.

Call the third party.
You can dial the number, or use the Phone book or the Call list to make the call.

Press before or after answer.
The ongoing call is transferred.

> **Note:** *If you have put more than one call on hold, the last call that was put on hold will be transferred. If the dialed extension is busy or transfer is not allowed, your phone will ring again.*

Conference

With this procedure you can include up to seven parties in a conference. Only the conference leader (i.e. the person initiating the conference) can admit participants. During the conference a tone will be heard every 15 seconds.

> **Note:** *The conference tone might be disabled for your system.*

You have an ongoing conversation and want to establish a telephone conference. You will become the conference leader.

Press.
Dial tone.

Call the third party.
Wait for answer.

3 **Press to establish a conference.**

Repeat the procedure to add more conference members.

End the call to leave the conference.

> **Note:** *A tone burst is heard each time a participant enters or leaves the conference. When the conference leader leaves the conference, the conference will continue with the other included parties. The conversation is changed back to a normal two party connection when there is only two parties left.*

On hold

You can temporarily put the ongoing call on hold. Calls put on hold can be resumed on your own or on another phone.

Press.
Dial tone.

Press.

To resume the call on your extension

Press within 30 seconds.
If not resumed within 30 seconds you will be called back. An unanswered external call will be re-routed to the operator after another 30 seconds.

Press.

To resume on another extension

Call the extension where the call was put on hold and press.
Busy tone.

8

Press.

Note: *France, press* ***4****; Sweden, press* ***6****.*

Call Waiting

If you hear the Call Waiting tone during an ongoing conversation, another person is trying to contact you.

Press.
The ongoing call is put on hold and your phone rings to announce the waiting call.

Press to answer.

Press to finish the call.
Wait for the system to recall the first party.

To terminate the ongoing call and answer the waiting call:

Press to finish the ongoing call.
The waiting call is signalled on your phone.

Press to answer the new call.

> **Note:** *The Call Waiting function might be blocked for use on your extension (programmed by your system administrator).*

Dialing during a connected call

When calling interactive teleservices, e.g. telephone banks, you need to use Dual Tone Multi Frequency (DTMF) signals. If your exchange is not already programmed to automatically convert your entered digits into DTMF signals, you need to activate the function during the call.

During an ongoing call:

Press and dial the required digits.
Entered digits are transferred as DTMF signals.

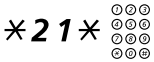
> **Note:** *Finland, press **1** and dial the required digits.*

Call Forwarding

Internal Follow-me

All calls to your extension are diverted to an extension of your choice (within the private network). During Follow-me the display shows a > after your number. On the next row the answering position number is shown. A special dial tone will be heard. During Follow-me, your phone can still be used for outgoing calls.

Order



Dial and enter the answering position number.

Note: *U.K. dial* ✳ **2** ✳.

Press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Display example:

Note: *The display can be different with IP DECT.*

Cancel

#21# YES

Dial and press.

Note: *U.K. dial* **#2#**.

Wait for the call icon to stop flashing.

NO

Press to finish the procedure.

External Follow-me

If external Follow-me is allowed, you can have all calls to your extension diverted to an external number of your choice. During Follow-me, the display shows a > after your number. A special dial tone will be heard. During Follow-me, your phone can still be used for outgoing calls.

Order

*22#

Dial.

Dial the digit or digits to get a line and the external number.

YES

Press.

Wait for the call icon to stop flashing.

NO

Press to finish the procedure.
Display example:

Cancel

#22# **Dial.**

Press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Personal Number

With this feature you can be reached on your normal office phone number even if you are out of the office, at home, etc.

Depending on the functionality of your office exchange, you can have either one individual single search profile (standard) or you can choose between five individual search profiles (optional).

A search profile can be designed to fit the situation, i.e. in the office, traveling, at home, etc. Both internal or external phone numbers can be used in a profile.

Your search profile is programmed or modified by your system administrator. See section “To design and order your search profiles” on page 62.

When the feature is activated, incoming calls are transferred to your selected phones or back-up services in the order that you choose. If an answering position in the profile is busy, the call can be transferred to another predefined position in the profile, i.e. Voice Mail or a colleague.

You can handle the profiles from your own office phone. How to do this is described in this section (an operator can also assist you).

You can also use any of the Personal Assistant applications, if available. Contact your system administrator for more information.

When out of the office, the feature Direct Inward System Access (DISA) can be used, if available in your system. How to use DISA is described in this section.

To activate or change to another profile from your office phone

✳10✳ **Dial.**

(1–5) **Press the search profile digit.**

YES **Press.**
Wait for the display to show Executed.

NO **Press to finish the procedure.**

> **Note:** *When another party is included in the activated profile, a colleague or an operator, etc., always remember to inform about your absence. If Voice Mail is included in the activated profile, always update your greeting with Absence Information.*

To cancel from your office phone

#10# **Dial.**

YES **Press.**

Wait for the call icon to stop flashing.

NO **Press to finish the procedure.**

To activate or change to another profile from an external phone

The external phone must be of push button type provided with pound key (#) and star key (*) or a mobile phone adapted for dial tone pulses (DTMF).

Call the DISA function at your office.
Dial tone.

75

Dial.

Enter the Authorization Code and press.

Dial your own extension number and press.
Dial tone.

10

Dial.

Dial your own extension number and press.

(1 – 5)

Press the search profile digit.

Press and replace the handset.

Note: *When another party is included in the activated profile, a colleague or an operator, etc., always remember to inform about your absence. If Voice Mail is included in the activated profile, always update your greeting with Absence Information.*

To cancel from an external phone

The external phone must be of push button type provided with pound key (#) and star key (*) or a mobile phone adapted for dial tone pulses (DTMF).

Call the DISA function at your office.
Dial tone.

75 **Dial.**

***** **Enter the Authorization Code and press.**

**Dial your own extension number and press.**
Dial tone.

#10* **Dial.**

**Dial your own extension number and press.**

Replace the handset.

To design and order your search profiles

The search profiles are installed or changed by your system administrator. In order to set up your profiles, copy the setting form, fill in your new or changed profiles and give it to your system administrator.

> **Note:** *If a profile handling application is connected to your system, you can edit profiles via your Intranet. See separate instructions for the application.*

Important notes when designing your search profiles:

- Avoid ring times longer than 45 seconds for your profiles.

  Usually the caller hangs up after 3-6 ring signals. If you need a longer ring time, the maximum time is 60 sec.

- Consider the time you need to react and answer on each answering position in your profile.

  You might need up to 15 seconds to react and answer a call on a desk or cordless phone and 20-25 seconds for a mobile phone.

- There must be an answering position at the end of every profile (Voice Mail or operator/secretary).

  If not, calls might end up unanswered.

- Consider what should happen while you are busy on a phone.

  The available options are:

  – *Follow-me to Voice Mail*
  – *Follow-me to the operator*

- If an answering machine, a fax or other answering service is used as an early answering position, it might interrupt the searching.

  Disconnect the answering service, or design the ring times so they do not affect the searching.

- If your system admits just one single personal profile, design the profile only with your 2-3 most frequently used positions.

  If you add more numbers, there is a risk that the caller hangs up before a latter position is called.

- If your system admits 1-5 personal profiles, design the different profiles to fit your most frequently used positions.

  Make sure you use as few answering positions as possible for each profile. Profile examples:

  – *In office*
  – *At home*
  – *Traveling*
  – *Absent/not reachable*

Example:

How to fill in your setting form for search profiles:

Profile 1 **In office**

Search order	Type of telephone or answering position*	Telephone number	Ring time (seconds)
1	Desk	1234	10
2	Cordless	5234	15
3	Voice Mail		

** Examples: Desk, Cordless, Mobile, External, Voice Mail, Operator, etc.*

Profile 2 **At home**

Search order	Type of telephone or answering position*	Telephone number	Ring time (seconds)
1	External	222222	20
2	Mobile	0706666666	25
3	Voice Mail		

Setting form for search profiles

Name:

Department:

Telephone No:

Account:

Profile 1 **.....**

Search order	Type of telephone or answering position*	Telephone number	Ring time (seconds)
1			
2			
3			
4			

** Examples: Desk, Cordless, Mobile, External, Voice Mail, Operator, etc.*

Profile 2 **.....**

Search order	Type of telephone or answering position*	Telephone number	Ring time (seconds)
1			
2			
3			
4			

Profile 3 **.....**

Search order	Type of telephone or answering position*	Telephone number	Ring time (seconds)
1			
2			
3			
4			

Profile 4 **.....**

Search order	Type of telephone or answering position*	Telephone number	Ring time (seconds)
1			
2			
3			
4			

Profile 5 **.....**

Search order	Type of telephone or answering position*	Telephone number	Ring time (seconds)
1			
2			
3			
4			

Absence Information

The Absence Information is used to inform callers why you are absent and when you return. If you are authorized, you can also enter Absence Information for another extension from your own extension. A special dial tone will be heard. During Absence Information, your phone can still be used for outgoing calls.

Order

Example: Back on September 15th (=0915).

***23* (0–9)** **Dial and enter the absence code.**

Note: *The absence code is system dependent. Contact your system administrator regarding the available absence codes.*

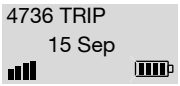
*** 0915** **Press and enter the date (MMDD) or time (HHMM) of your return.**

Note: *If no return time or date is needed, this step can be skipped.*

YES **Press.**

Wait for the call icon to stop flashing.

NO **Press to finish the procedure.**
Display example:



Note: *This is not always displayed by IP DECT.*

Cancel

#23# YES — **Dial.**

— **Wait for the call icon to stop flashing.**

— **Press to finish the procedure.**
The programmed information is erased.

Order for another extension

230 — **Dial.**

— **Dial the extension number and press.**

(0–9) — **Enter the absence code.**

0915 — **Press and enter the date (MMDD) or time (HHMM) of the other person's return.**

> **Note:** *If no return time or date is needed, this step can be skipped.*

YES — **Press.**

— **Wait for the call icon to stop flashing.**

— **Press to finish the procedure.**
The display on the other person's extension shows the reason, and if entered, time or date of return.

Cancel for another extension

#230 — **Dial.**

— **Dial the extension number and press.**

— **Wait for the call icon to stop flashing.**

> **Note:** *If the special dial tone is received, the Authorization Code for the other extension is required. Add the code and press # before pressing the NO key.*

— **Press to finish the procedure.**

Messages

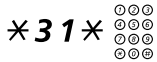
Manual Message Waiting (MMW)

If the called extension does not answer you can initiate a message waiting indication on that extension (if this function is allowed). If there is a message waiting for you, you will hear a special dial tone.

Answer MMW

Press.
A call is initiated to the extension that requested the MMW.

Order MMW to another extension



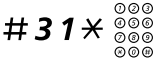
Dial and enter the extension number.

Press.

Wait for the call icon to stop flashing.

Press to finish the procedure.
The message is sent to the called extension.

Cancel MMW to another extension



Dial and enter the extension number.

Press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Voice Mail (optional)

The Voice Mail application allows you to leave a voice message to the caller when you are unable to answer calls, e.g. when out of office, in a meeting, etc. The caller can then leave a message in your mailbox. When back in your office you can enter your mailbox and listen to the messages received.

You can choose to divert all incoming calls to your mailbox, or calls when there is no answer, or calls when your phone is busy.

If you use the Personal Number feature, it is recommended to program Voice Mail as the last answering position for all search profiles.

When you enter your mailbox, you will hear recorded instructions on how to handle listening, recording, storing and deleting messages, and how to change your security code.

> **Note:** *How to handle your mailbox, depends on the type of Voice Mail system. The following describes the, in MD110, integrated type. For other types, please refer to separate user instructions. Contact your system administrator if you do not know which type of Voice Mail system you have.*

To activate and deactivate your mailbox

See section “Internal Follow-me” on page 57 (function code 21). Use the number to the Voice Mail system as the “answering position number”.

To access your mailbox when there is a new message

The message icon is flashing in the display. The Voice Mail ringer tone sounds when a new message is received.

Press to enter your mailbox.

> **Note:** *It is possible to program a number or function on the R/Message key. If this is done, the default function to enter your mailbox directly will no longer work. If you want to use the Message Waiting function (default) again, the number to enter the mailbox has to be re-entered. See section “Programming a number or function on the R/Message key” on page 37.*

If you are asked to enter your security code:

Enter your security code.

To access your mailbox in general

When you want to listen to saved messages, change your security code or change your greeting.

Dial the number to the Voice Mail system and press.

If you are asked to enter your security code (if the phone you are using has a mailbox of its own):

Enter your security code.
Code at delivery = your extension number.

To access your mailbox from another phone

Dial the number to the Voice Mail system and press.

If you are asked to enter your security code (if the phone you are using has a mailbox of its own):

#

Press.

Dial your mailbox number.
(normally your office extension number)

Enter your security code (if required).

To access someone else´s mailbox

Dial the number to the Voice Mail system and press.

If you are asked to enter your security code (if the phone you are using has a mailbox of its own):

#

Press.

Dial the mailbox number.
(normally the office extension number of the other person).

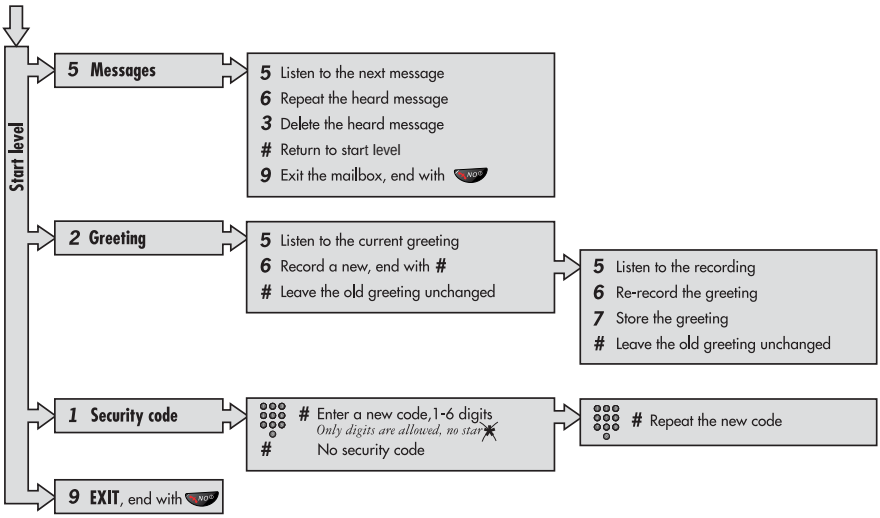
Enter the security code of the other person (if required).

To handle the mailbox

Recorded information on the line informs about the number of new and stored messages. If you have too many messages stored, you will first be asked to delete saved messages.

Recorded instructions ask you to press different digits in order to listen to callers' messages, record your own greetings, change your password or exit your mailbox, etc.

The following diagram gives an overview of the mailbox system and the digits to be used.

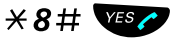


Group Features

Call Call-pick-up

People working in a team can have their phones programmed by the system administrator to form Call-pick-up groups.

In a Call-pick-up group, any member can answer any individual call to group members.



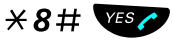
Dial and press to answer.

Notes:
One Call-pick-up group can serve as an alternative to another group. Calls to the alternative group can only be answered when there are no calls to your own group.

Sweden and Finland, dial ****0#****.*

Common Bell Group

Calls are signalled on a common bell.



Dial and press to answer.

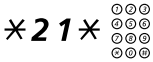
Note: *Sweden and Finland, dial* ****0#****.*

Group Hunting

An internal Group Hunting number is a common directory number for a group of extensions. Calls to the group will be indicated at a free extension in the group.

When you leave the group temporarily, you make your phone unavailable for incoming calls.

To leave the group temporarily



Dial and enter your own extension number.

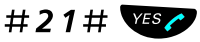
Note: *U.K. dial* ✳ **2** ✳ *No.*

Press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

To re-enter the group



Dial and press.

Note: *U.K. dial* **# 2 #**.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Other Useful Features

Account Code

This function is used to charge a call to an account number or to prevent unauthorised calls from your phone. The Account Code can have 1 to 15 digits.

✳ **6 1** ✳ **Dial.**

Note: *Norway and Finland, dial* ✳ **7 1** ✳.

Dial the Account Code and press.
Dial tone.

Dial the digit or digits to get an external line and the external number.

Ongoing external call

When the Account Code function is used to charge a call it is also possible to connect an ongoing external call to an Account Code.

During the call:

Press to put the ongoing call on hold.
Dial tone.

✳ **6 1** ✳ **Dial.**

Note: *Norway and Finland, dial* ✳ **7 1** ✳.

Enter Account Code and press.
Dial tone.

Press to resume the call that was put on hold.

Night Service

When the exchange is in Night Service mode, all your incoming calls to the operator are transferred to a selected extension or group of extensions. The exchange is equipped with three different Night Service modes:

Common Night Service

All incoming calls to the operator are transferred to one specific extension. Answer the call in the normal way.

Individual Night Service

Selected external calls to the operator are transferred to one specific extension. Answer the call in the normal way.

Universal Night Service

All incoming calls to the operator are transferred to a universal signalling device, e.g. the common bell. Answer the call as described in section “Common Bell Group” on page 72.

Emergency mode

In the event of an emergency, the operator can set the exchange into Emergency mode, during which only preprogrammed extensions are permitted to make calls. If your extension is not assigned with this category and you try to make a call, you will not receive a dial tone.

Malicious Call Tracing

If you are disturbed by bothersome or malicious external incoming calls, you can request number tracing from the network provider.

You can invoke tracing during or after an ongoing conversation. The external line can be held for a limited period of time.

Order

During an ongoing conversation:

Press.
Dial tone.

✳39#

Dial.
The system acknowledges with different tones whether the tracing request was accepted or rejected.

Direct Inward System Access, DISA

If you are assigned to use this function and you are working externally, you can call your office and get access to an external line in order to make business calls. The business call will be charged your office extension number or an account number. You will just be charged for the call to the office.

The external phone must be of push button type provided with pound key (#) and star key (*) or a mobile phone adapted for dial tone pulses (DTMF).

After a completed DISA call you must hang up before a new DISA call can be made.

There are different procedures depending on the type of Authorization Code, or when an Account Code is used.

With common Authorization Code

Call the DISA function at your office.
Dial tone.

72

Dial.

Enter the Authorization Code and press.
Dial tone.

Dial the external number.

With individual Authorization Code

Call the DISA function at your office.
Dial tone.

75

Dial.

Enter the Authorization Code and press.

Dial your own extension number and press.
Dial tone.

Dial the external number.

Do Not Disturb

Switch off your phone. The caller will receive a special tone indicating that you are not available.

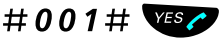
If you need to make calls, you can switch off the ring signal. Press the C/MUTE key until the ringer off icon is shown in the display. Press the C/MUTE key again to switch on the ring signal.

General Deactivation

The following features can be simultaneously cancelled:

- Callback (all Callbacks are cancelled).
- Internal and External Follow-me.
- Manual Message Waiting/Message Diversion.
- Do Not Disturb.

Order



Dial and press.

Wait for the call icon to stop flashing.

Press to finish the procedure.

Settings

This section describes how to set and adjust a personal volume, how to change indication of incoming calls, how to adjust the display, how to change the language and how to revert all DT292 settings to default.

Volume control

You can adjust the volume in the earpiece, or the loudspeaker for handsfree speaking, and the volume of the ringer. Use the volume keys to adjust the volume, see section “Description” on page 13 for the location of volume controls. To adjust the volume of the ringer, enter the Settings menu.

To turn the microphone on or off during a call, , see section “Mute microphone” on page 51.

Adjust speaker volume for handsfree speaking

Press to adjust the volume during a call.

If you are not making a call you can still adjust the volume:

Press and hold until you hear the dialtone.

Press.

Keep listening and press.
You hear the dial tone becoming louder or quieter.

Press to cancel the adjustment procedure.

Adjust earpiece volume

▲ or ▼ **Press to adjust the volume during a call.**

If you are not making a call you can still adjust the volume:

YES **Press and hold until you hear the dialtone.**

▲ or ▼ **Keep listening and press.**
You hear the dial tone becoming louder or quieter. If the earpiece is at maximum or minimum volume, you hear a warning tone.

NO **Press to cancel the adjustment procedure.**

Adjust ringer volume

Route: *Settings » Alerts » RingVolume*

RingVolume **Select.**

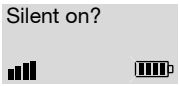
YES **Press.**
A volume level bar is displayed.

◀ or ▶ **Press to turn the volume up or down.**
If you set the volume to its lowest level (ring sound permanently off), the ring off icon appears.

YES **Press to confirm.**

To turn off the ring sound permanently

C MUTE **Press when the phone is idle.**



YES **Press.**
The ring off icon appears.

Note: *If the ring sound is permanently off and you have set the Vibrating Alert to* OnIfSilent*, the vibrator turns on when the phone is ringing, see section "Vibrating Alert" on page 82.*

To turn the ring sound on again:

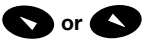
Press shortly.
The ring off icon disappears.

Ringer tones or melodies

You can change the ringer tone for each call type to a different sound or a preprogrammed melody. For each ring signal type, you can choose from four ringer tones or six melodies.

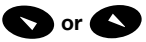
To set the sound for a ringing type

Route: *Settings » Alerts » RingType » Internal/External/ CallBack/Message*



Select the ring signal type: Internal**,** External**,** CallBack**, or** Message**.**

Press.
The current setting is displayed and played.



Select sound Low**,** Medium**,** High**,** Mixed **or** Melody **(1 - 6).**
The selected sound is played. The menu options **Low**, **Medium**, **High** and **Mixed** refer to the pitch of the ring tone.

Press to confirm.
The table below lists the names of the melodies.

Melody	*Name*
1	Ericsson soundmark
2	Menuet Boccherini
3	The Black Bear
4	J.S. Bach - Partita no 3 for violin
5	J.S. Bach - Badinerie - BWV 1067 Suite no 2
6	Rimsky Korsakoff - Flight of the Bumble Bee

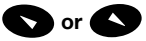
Discreet Ringing

In the discreet ringing mode, your phone starts ringing at the lowest audible volume level. It then gets louder and louder.

Route: *Settings » Alerts » DiscreetRng*

DiscreetRng **Select.**

Press.
The current setting is displayed.



Select one of the following options:
- On to activate Discreet Ringing.
- Off for no Discreet Ringing.

Press to confirm.

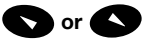
Vibrating Alert

If you do not want to be disturbed by the ringing of your phone but still want to get the call indication, or if you are in a noisy environment, you can activate the Vibrating Alert.

Route: *Settings » Alerts » Vibrator*

Vibrator **Select.**

Press.
The current setting is displayed.



Select one of the following options:
- On for Vibrating Alert.
- Off for no Vibrating Alert.
- OnIfSilent for Vibrating Alert when the ringer is permanently off. See section “Adjust ringer volume” on page 80.

Press to confirm.

Key Lock

If you carry the phone in your pocket, you might accidentally press the keys and make a call. To prevent this, you can have them blocked by using the AutoKeyLock option.

To enable or disable key locking

Route: *Settings » AutoKeyLock*

AutoKeyLock **Select.**

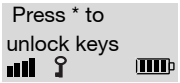
YES **Press.**
The current setting is displayed.

or **Select the setting you want.**

YES **Press to confirm.**

Note: *After enabling the Key Lock function, do not press a key for 30 seconds. If the enabling time has expired, the keys are blocked and a key symbol is displayed.*

During Key Lock the keys are blocked, so you cannot use your phone. If a key is pressed the message Press * to unlock keys is displayed.



If you have locked the keys and you receive a call, you can answer the call as usual without switching Key Lock off. When the call is ended the keys are locked again.

To unblock the keys temporarily

or * **Press.**
Unlock Keypad? is displayed.

YES **Press to switch off the Key Lock.**
The key symbol disappears; the keys are enabled again.

Phone Lock

You can protect your phone against unauthorised use or against adding or deleting telephone network subscriptions. Both security features are off by default. See also section “PIN code” on page 10.

Securing against unauthorised use

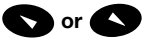
You can set the phone so that the PIN code must be entered after switching on.

Route: *Settings » PhoneLock » PowerOn*

PowerOn **Select.**

Press.
Enter PIN: is displayed.

Enter the PIN code (default 0000) and press.
The current setting is displayed.



Select one of the following options:
- LockOn to enable protection.
- LockOff to disable protection.

Press to confirm.

Securing against adding or deleting subscriptions

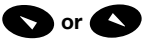
You can set the phone so that the PIN code must be entered when adding or deleting telephone network subscriptions.

Route: *Settings » PhoneLock » Subscript*

Subscript **Select.**

Press.
Enter PIN: is displayed.

Enter the PIN code (default 0000) and press.
The current setting is displayed.



Select one of the following options:
- On to enable protection.
- Off to disable protection.

Press to confirm.

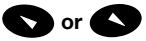
Key Sound

Key click is the sound you hear each time you press a key. This feature can be enabled and disabled.

Route: *Settings » Alerts » KeySound*

KeySound **Select.**

Press.
The current setting is displayed.



Select one of the following options:
- On to have a Key Sound with each key press.
- Off for no Key Sound.

Press to confirm.

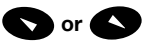
Display light

Your phone has a display which is illuminated when a key is pressed. The illumination automatically goes off after a while, unless you press a key.

Route: *Settings » Display » Light*

Light **Select.**

Press.
The current setting is displayed.



Select one of the following options:
- Automatic to activate illumination of the display when a key is pressed.
- Off for no illumination of the display.

Press to confirm.

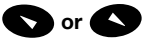
Display contrast

You can adjust the contrast of the display to one of eight levels to make it easier to read.

Route: *Settings » Display » Contrast*

Contrast **Select.**

Press.
The contrast level bar appears.



Adjust the contrast.
You hear an error beep when either limit is reached.

Press to confirm.

Alarm

The phone can be set to remind you with an alarm at any time within the next 24 hours.

Note: *This function requires an exchange that supports date and time.*

To set an alarm

Route: *Settings » Alarm » SetAlarm*

SetAlarm **Select.**

Press.

Enter alarm time and press to confirm.
(00-23) hour + (00-59) minute.

Press to finish the procedure.
When the time is reached your phone rings with recall signal.

If you want to delete the set alarm before the reached alarm time:

Route: *Settings » Alarm » AlarmOff*

AlarmOff **Select.**

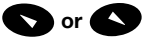
Press.
The set alarm is deleted.

Press to finish the procedure.

Language

The default menu language is English. To select another language, use the **Language** option. Please note that the menu options stay in English until you confirm your language choice.

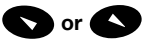
Route: *Settings » Language*



Press to enter the main menu.
Option **PhoneBook** is displayed.

Scroll to Settings **and press.**

Scroll to Language **and press.**
The current language is displayed.



Scroll through the list of languages until you find the language you want.

Press to confirm your choice.
The language has now been changed.

You can also use the following procedure:

Press for at least seven seconds.
The language menu appears.

Select the language of your choice from the list and press.

Reset the DT292 settings

You can reset all settings on the DT292 simultaneously. The Call list and the last call information are also cleared. The Phone book, the PIN code, the subscriptions and the total calls information, however, are not cleared.

Route: *Settings » MasterReset*

MasterReset **Select.**

Press.
Enter Pin: or Reset All Settings? is displayed.

If requested enter your PIN code for the phone and press.
See section “PIN code” on page 10. Reset All Settings? is displayed.

Press to confirm.
All DT292 settings revert to default.

Installation

Check for completeness

Make sure that all the parts are present. If anything is missing, please contact your system administrator or supplier.

The set contains:

1 Cordless phone

2 Battery

3 Clip

4 Assembly card

> **Note:** *It is important to make a note of the IPEI code. The IPEI code may be needed for unblocking the Cordless phone if an incorrect PIN code has been entered three times. See section "IPEI code" on page 11 for further details.*

Preparing for use

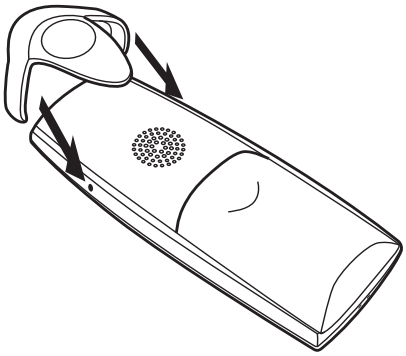
When using the Cordless phone for the first time, follow the steps below to prepare the cordless phone.

Important!
Only use the equipment designed for the DT292 phone, see below.

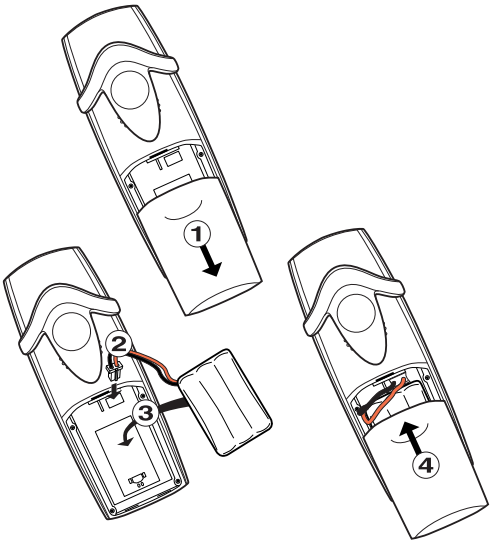
Product description	*Identification on product*
Power adapter for DT292, EU *	BMLNB 101 17/1
Power adapter for DT292, UK *	BMLNB 101 17/2
Power adapter for DT292, AU *	BMLNB 101 17/3
Power adapter 110V for DT292	BMLNB 101 17/6
Power Supply for Rack charger DT292	BMLNB 101 55/1

** EU=European union, UK=United Kingdom, AU=Australia.*

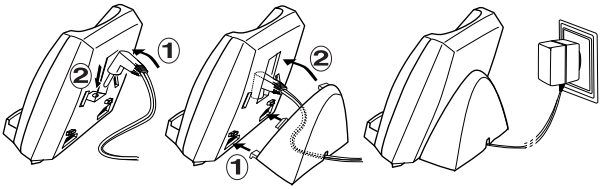
Attach the clip to the back as shown in the figure below.
Spread the clip slightly. The ends of the clip fit into holes on the side of your phone.



Attach the battery to the phone as shown in the figure below.



Connect the adapter to the charger and connect it to the mains outlet as shown in the figure below.



Notes:
Place the DT292 in the charger and charge it for at least 4 hours before using it the first time.

Make sure the local mains voltage corresponds to the voltage on the charger.

Do not connect the phone to the charger without a battery.

Place the cordless phone in the charger to charge the battery.

Complete charging before you subscribe or use the cordless phone. The green light of the charger is turned off when charging is completed. For more information about charging the battery, see section “Battery” on page 94.

Battery

The cordless phone is powered by a rechargeable battery. You can fully charge an empty battery by placing the cordless phone in the charger for 4 hours. A fully charged battery gives you up to 17 hours calling time or up to 140 hours standby time.

> **Note:** *The calling time and standby time is shortened if the hands-free speaking function is used a lot.*

The cordless phone has a battery meter, which indicates the power remaining in the battery.

> **Note:** *The cordless phone is powered by a Nickel Metal Hydride (NiMH) battery. It can be recharged at any time. To keep the battery fully charged, you can put or leave the cordless phone in the charger without any problem.*

Reading the battery meter

When the battery is fully charged, the battery meter on the cordless phone display consists of four blocks. The number of blocks decreases as the battery discharges. If the battery is almost empty, the battery meter and the red light on the cordless phone flash. An alarm sounds if there is less than 15 minutes calling time remaining in the battery.

Battery performance

The table below indicates the performance:

	Talk time (hours)	*Standby time (hours)*	*Charge time (minutes)*
High capacity battery:	17	140	240

Charging the battery

Important!
Only use the equipment designed for the DT292 phone, see below.

Product description	*Identification on product*
Power adapter for DT292, EU *	BMLNB 101 17/1
Power adapter for DT292, UK *	BMLNB 101 17/2
Power adapter for DT292, AU *	BMLNB 101 17/3
Power adapter 110V for DT292	BMLNB 101 17/6
Power Supply for Rack charger DT292	BMLNB 101 55/1

** EU=European union, UK=United Kingdom, AU=Australia.*

Place the cordless phone in the charger as shown in the figure below.

The battery is being charged when the lower green LED (Light Emitting Diode) on the charger is on (and the battery meter on the display flashes). If the battery is completely empty it can take a few minutes before the lower green LED on the charger is lit.

When the battery is 90% charged, the LED starts flashing (3 second intervals) and when the battery is fully charged, trickle charging starts (LED lights up for 1 second every 30 seconds) and the battery is ready.

Notes:
Place the DT292 in the charger and charge it for at least 4 hours before using it the first time.

Make sure the local mains voltage corresponds to the voltage on the charger.

Do not connect the phone to the charger without a battery.

Changing the battery

Rechargeable batteries have a limited lifespan. If the standby time for the cordless phone becomes too low, you should replace the battery. Please contact your system administrator or supplier for more information.

> **Note:** *Only use the specified batteries (NiMH pack 600 mAh, 3.6 V).*
>
> *Do not disconnect or exchange the battery unless it must be replaced. Do not charge the battery outside the phone.*

The battery does not contain cadmium and is therefore more environmentally-friendly than other rechargeable batteries. However, all batteries should be treated as chemical waste.

Clip

The cordless phone has a clip to attach the phone to your clothes.

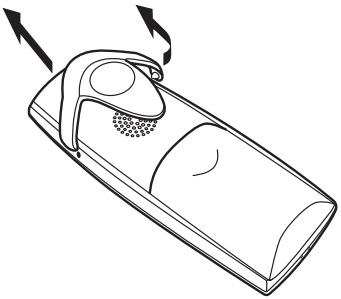
To attach the clip to the cordless phone

See section “Preparing for use” on page 91 for specific instructions.

To remove the clip from the cordless phone

> **Note:** *To minimize wear and tear, we recommend that you do not remove the clip from the cordless phone too often.*

Remove the clip from the back of the phone as shown in the figure below.



Cordless Phone Manager (CPM)

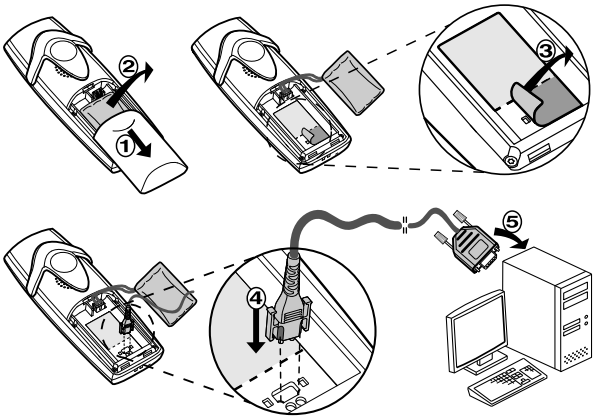
The CPM is a Windows based application which makes it possible to edit and backup the integrated phonebook.

The CPM can be downloaded for free from:

http://www.aastra.com

An optional data cable is used to connect the cordless telephone to the CPM. The connector for the data cable is found inside the battery compartment, beneath the label, of the cordless telephone.

For further details of the CPM please refer to the online help.



Troubleshooting

This section contains information on how to solve common operational problems, and warnings you may receive.

Go through the following lists if you encounter any problems. If this checklist does not solve the problem, contact your system administrator. If others have similar problems, there may be a system error.

Fault	**Probable cause**	**Action or comment**
No display	Battery low or phone defective	Charge battery
No ringing	Ringer off icon on or phone defective	Off icon on = Adjust volume
Signal strength icon off	Out of coverage area, system or phone defective	Enter coverage area or contact system administrator
Battery icon flashes slowly	Battery low	Charge battery
Battery icon on	Charging complete, charger still connected	Disconnect the charger
4 short beeps every 30 seconds	Battery low	Charge battery
4 short beeps every 2 minutes	Out of coverage area or not connected	Enter coverage area or contact system administrator
Phone Bookis Empty	No names or numbers stored in the Phone Book	Add names or numbers
Phone Book is Full	Phone Book full, you cannot add names or numbers	Delete a name or number
Subscr. List Full	Already eight subscriptions	Delete a subscription

Fault	Probable cause	Action or comment
Subscription Failed	Entered AC number does not match network AC or network cannot add another subscription	Try to subscribe again
Enter XXX (where XXX=IPEI, PIN or AC)	IPEI code, PIN code or AC	Enter required IPEI, PIN or AC number missing
No network	Cannot connect to selected network or out of range	Select another network, subscribe, get back within range or contact system administrator
PIN Blocked, Unblock?	Phone blocked, wrong PIN code entered three times	See section "IPEI code" on page 11

Glossary

AC	Authentication code (=BasePIN).
BasePIN	=authentication code.
DECT	Digital Enhanced Cordless Telephony.
DTMF	Dual Tone Multi Frequency or touch tone, for dialing.
Exchange	Switch. Your telephone switching system.
GAP	Generic Access Profile, a standard for cordless telephone systems.
IPEI	International Portable part Equipment Identity, unique identity assigned to your cordless phone by the manufacturer.
Least Cost Routing	A function that automatically selects the cheapest way to connect your external call (not necessarily the shortest distance).
PARK	Portable Access Right Key, unique identity assigned to your network.
PIN	Personal Identification Number for security.
Speed Dialing number	Abbreviated number or short number, used for making frequently used numbers faster to dial.
Third party	A third connection (person), which can be included in an ongoing two person conversation. The connection can be nternal or external.

Index

A
Absence information 66
Accessibility and voice quality 12
Account Code 74
Add a name or a number to the Phone book 43
Add numbers from the Call list 46
Alarm 87
Answer calls 24
Authority 38
Authorization Code, common 38
Authorization Code, individual 39

B
Battery 94
Bypass 35

C
Call forwarding 57
  External Follow-me 58
  Internal Follow-me 57
  Personal Number 59
  Setting form for search profiles 65
Call list 49
Call statistics 32
Call Waiting 34
Callback 33
Change a name or a number in the Phone book 44
Character table 48
Charging the battery 95
Clip 96
Common Bell Group 72
Common speed dialing numbers 36
Conference 54
Copyright 5
Cordless Phone Manager (CPM) 97

D
Declaration of conformity 5
Delete a name or a number from the Phone book 45
Description 13
  Phone signals 15
  Tones 16
Dialing during a connected call 56
DISA = Direct Inward System Access 77
Discreet Ringing 82
Display contrast 86
Display information 17
  Idle phone 17
  Incoming call 19
  Outgoing call 18
Display light 85
Do Not Disturb 78
During calls 51
  Call Waiting 56
  Conference 54
  Dialing during a connected call 56
  Handsfree 51
  Inquiry 52
  Inquiry via the Phone book 52
  Loudspeaking 51
  Mute microphone 51
  Put a call on hold 55
  Refer Back 52
  Transfer 53

E
Emergency mode 75
External Follow-me 58

F
Free seating 23

G
General Deactivation 78
Glossary 100
Group Call-pick-up 72
Group features 72
  Common Bell Group 72
  Group Call-pick-up 72
  Group Hunting 73
Group Hunting 73

I
Important information to the user
  Accessibility and voice quality 12
  Intrinsic safety 9
  IPEI code 11
  Networks (menu option) 12
  PIN code 10
  Preparing for use 9
Important user information 6
Incoming calls 24
  Answer calls 24
  Handsfree 25
  Mute ring sound or warning sound 25
  On another extension, answer 26
  Parallel Ringing 27
Individual External Line 31
Inquiry 52
Installation 90
Internal Follow-me 57
Intrinsic safety 9
Intrusion 35
IPEI code 11

K
Key Lock 83
Key Sound 85

L
Language 88
Last External Number Redial 31
Loudspeaking 51

M
Mailbox 71
Make a call via the Phone book 42
Make calls 29
Malicious Call Tracing 76
Manual message waiting (MMW) 68
Melody 81
Menu structure 21
Messages 68
  Manual message waiting (MMW) 68
  Voice Mail 69
Mute microphone 51
Mute ring sound or warning sound 25

N
Networks (menu option) 12
Night Service 75
Number Presentation Restriction 31

O
On hold 55
Other useful features 74
Outgoing calls 29
  Authority 38
  Bypass 35
  Call statistics 32
  Call Waiting 34
  Callback 33
  Handsfree 30
  Individual External Line 31
  Intrusion 35
  Last External Number Redial 31
  Make calls 29
  Number Presentation Restriction 31
  Speed dialing 36
  When you receive a busy tone 33

P
Parallel Ringing 27
Personal Number 59
Phone book 41
  Add a name or a number 43
  Add number from Call list 46
  Change a name or a number 44
  Delete a name or a number 45
  Make a call 42
  Use 41
  Write text 47
Phone Lock 84
Phone signals 15
PIN code 10
Preparing for use 9**,** 91
Programming a number or function on the R/ Message key 37

Q
Quick Call-By-Name 36

R
Refer Back 52
Reset the DT292 settings 89
Ringer tones or melodies 81

S
Safety instructions 6
Settings 79
  Alarm 87
  Discreet Ringing 82
  Display contrast 86
  Display light 85
  Key Lock 83
  Key Sound 85
  Language 88
  Phone Lock 84
  Reset the DT292 settings 89
  Ringer tones or melodies 81
  Vibrating Alert 82
  Volume control 79
Short numbers 36
Signals 15
Speed dialing 36
Switching On/Off 22

T
Tone characteristics 16
Tones 16
Transfer 53
Troubleshooting 98

U
Unblock the DT292 11
Use the Phone book 41

V
Vibrating Alert 82
Voice Mail 69
Volume control 79

W
Warranty 5
Welcome 4
When you receive a busy tone 33
Write text 47

Subject to alteration without prior notice.
For questions regarding the product,
please contact your Aastra certified Sales Partner.
Also visit us on www.aastra.com

© Aastra Telecon Sweden AB 2008. All rights reserved.
EN/LZT 103 70 R6A