

# **User Manual**

## **Ascom d81 DECT Handset**

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## 1 Introduction

This document describes features and settings available for the d81 handset. The handset is a feature-rich handset with colour display, telephony, messaging, and Bluetooth. It is a highly robust handset to be used in rough demanding environment, for example the industry.

It is suitable for users dependent of being reachable and/or having a need for mobile voice and messaging features, which makes it ideal for applications where the user needs either one way messaging or to be able to interact with other users. The colour display enhances and simplifies the use of the handset.

There are two versions of the handset:

- d81 Messenger, with messaging functions,
- d81 Protector, with additional alarm functions for personal security,

Read the [2 Safety Instructions](#) on page 5 before using the d81 handset.

For software download and parameter set up, read the *Installation and Operational Manual Portable Device Manager (PDM), Windows version, TD 92325GB*, and the *Configuration Manual, Ascom d81 DECT Handset, TD 92674GB*.

### 1.1 Target Group

This document is intended for the responsible (for example the system administrator) for handling the administration and distribution of handsets at the end customer site, or anyone (for example the end-user) interested to get deeper usage knowledge.

### 1.2 Prerequisite

Before using the handset, the system administrator must register it in the system, see [Subscribe System](#) on page 62.

### 1.3 How to Use This Document

#### 1.3.1 System Administrator

Configuration of some functions require PDM/IMS2 which is administrated by the system administrator. The following chapters refer to the *Configuration Manual, Ascom d81 DECT Handset, TD 92674GB* for more information on how to configure these functions.

- [4.2 Log a Shared Phone On/Off](#) on page 18
- [4.4 Lock/Unlock the Keypad](#) on page 19
- [5.10 Customizing the Menu Tree](#) on page 29
- [6.3 During a Call](#) on page 32
- [7 Alarm Operation](#) on page 36
- [8.1.4 Push to Talk Group Call](#) on page 41
- [8.1.9 Call Services](#) on page 43
- [8.2 Contacts](#) on page 45
- [9 Advanced Functions](#) on page 66
- [10.7 Send Data with Bluetooth Barcode Reader](#) on page 70
- [12 System Handling](#) on page 72

### 1.3.2 End User

For end-users, it is recommended to read the following chapters to getting started.

- [3 Descriptions](#) on page 9
- [4 Basic Operation](#) on page 18

See also *Quick Reference Guide, Ascom d81 DECT Handset, TD 92667GB*. Because of its handy format you can place a print-out next to your handset as a quick reference.

## 1.4 Abbreviations and Glossary

ELISE	Embedded Linux SErver: A hardware platform used for Unite modules.
IPDI	International Portable DAM Identity DAM (DECT Authentication Module) See IPEI for more information.
IPEI	International Portable Equipment Identity IPEI/IPDI is needed to enable network subscription of the handset. At delivery of the handset, IPEI and IPDI are the same and either can be used for network subscription. If one handset is replaced with another using the Easy replacement procedure, the IPDI will be exchanged and IPEI and IPDI will no longer be the same. If the IPEI and the IPDI differ, the IPDI shall be used for network subscription.
PBX	Private Branch Exchange: handset system within an enterprise that switches calls between local lines and allows all users to share a certain number of external lines.
PDM	Portable Device Manager: An application, running on a PC, for management of portable devices, charging racks, etc. In this document, PDM refers to PDM Windows Version.
IMS2	Integrated Wireless Messaging and Services: An application running on an ELISE2 server. It enables wireless services to and from portable devices and chargers.

## 1.5 Functions and Accessories

Functions	Messenger	Protector
Local phonebook	X	X
Company phonebook <sup>1</sup>	X	X
Central phonebook <sup>2</sup>	X	X
Personalized menus <sup>1</sup>	X	X
Loudspeaking function	X	X
Headset connector	X	X
Vibrator	X	X
Microphone On/Off during a Call	X	X
SMS (Short Message Services) <sup>2</sup>	X	X
Shared Phone <sup>4</sup>	X	X
Coloured Messaging <sup>2</sup>	X	X
Interactive Messaging <sup>2</sup>	X	X
Acknowledge	X	X
Voice Mail <sup>2</sup>	X	X
2 programmable soft keys	X	X
9 programmable hot keys	X	X
Programmable navigation key	X	X
Push Button Alarm <sup>2</sup>	-	X
Man-down and No-movement alarm <sup>2, 3</sup>	-	X
Pull cord alarm <sup>2, 3, 4</sup>	-	X
Send Alarm with Data <sup>2</sup>	-	X
Automatic Call after Alarm <sup>1, 2</sup>	-	X
Send Data with Prefix <sup>2</sup>	-	X
Acoustic Location Signal (ALS) <sup>1</sup>	-	X
Location, Base Station <sup>1</sup>	X	X
DECT location <sup>4</sup>	X	X
Centralized Management <sup>2</sup>	X	X
Push To Talk (PTT) <sup>1</sup>	X	X
Downloadable Languages <sup>1</sup>	X	X
Easy replaceable battery	X	X
Easy replacement of handset	X	X
Clear lists in charger	X	X
Site Survey tool <sup>2</sup>	X	X
Bluetooth barcode reader support <sup>4</sup>	X	X
Bluetooth	X	X
Upgradeable to Protector <sup>5</sup>	X	-

1.This function/feature requires PDM/IMS2

2.This function/feature is system dependent.

3.Applicable for d81 Protector with the No-movement/Man-down hardware only.

4.Requires a functionality license.

5.Requires a product license. The d81 Messenger cannot be upgraded to d81 Protector with the No-movement/Man-down hardware.

Accessories	Messenger	Protector
Basic Charger	x	x
Advanced Charger	x	x
Rack Charger	x	x
Leather Case	x	x
Spare Clip	x	x
Swivel-type Clip	x	x
Cover for no clip	x	x
Security cord	x	x
Pull cord	-	x
Front plates (5 colours)	x	x
Headset with Microphone on Boom <sup>1</sup>	x	x
Peltor Hearing Protection Headset	x	x
Headset adapter for Mic on Boom	x	x
Headset adapter for standard Peltor headset	x	x

1.Requires the headset adapter for Mic on Boom.

## 2 Safety Instructions

Read this chapter before using the d81 handset. For safe and efficient operation of the handset, observe the guidelines given in this manual and all necessary safety precautions when using the handset. Follow the operating instructions and adhere to all warnings and safety precautions located on the product, the Quick Reference Guide and this User Manual.

This product shall only be used with the following batteries:

- Art.No.: 660273 Battery

Single chargers shall only be connected with power adapters supplied by the manufacturer.

Available power adapters (Suppliers Designation) are:

- Art.No.DC3: 130160A Power supply unit AC/5V DC/0.65A - Europe
- Art.No.DC3: 130166A Power supply unit AC/5V DC/1A - USA, Canada, AUS, and UK
- Art.No.DC4: 130161A Power supply unit AC/5V DC/2A - Europe, USA, Canada, AUS, and UK

### 2.1 Precautions

- **Save this manual.** It includes important safety information and operating instructions. Save all instructions for future reference.
- Connect AC (power supply) to the desktop battery charger only to designated power sources as marked on the product.  
**Danger:** Never change the AC cord or plug. If the plug not fit into the outlet, have a proper outlet installed by a qualified electrician. Improper connection increases the risk of electric shock.
- Position the electrical cord to the AC power supply where it is least likely to be subjected to damage or stress.
- Remove the electrical cord from an outlet by pulling gently on the AC adapter, not by pulling the cord.
- Unplug the battery charger from a power source (or remove handset from charger) before cleaning the handset to reduce risk of electric shock.
- Do not use auxiliary equipment with the handset which is not exclusively recommended by the manufacturer, see [1.5 Functions and Accessories](#) on page 3. The use of any auxiliary equipment not recommended by the manufacturer may result in fire, electric shock, or injury, and will void the warranty.
- Do not expose the handset to open flame.
- Do not expose the handset and/or the charger to direct sunlight for long periods. Keep the handset and/or charger away from excessive heat and moisture.
- Do not allow heavy objects to fall on the handset.
- Do not allow children to play with the product packaging material. Product packaging material is often small and may present a choking hazard.
- Do not allow children to play with the handset. It is not a toy. Children could hurt themselves or others.
- Do not expose to prolong light.

### 2.1.1 Frequency Range

The handset is a radio transmitter and receiver. When it is on, it receives and sends out radio frequency (RF) energy. The handset operates on different frequency ranges depending on market and employs commonly used modulation techniques:

EU	1880-1900 MHz
USA	1920-1930 MHz
LA:	1910-1930 MHz
BR:	1910-1920 MHz
--:	1900-1920 MHz

### 2.1.2 Warranty Notification

Do not disassemble the handset. Disassembling the handset voids the warranty. The handset consists of no consumer serviceable components. Service should be performed by Authorized Service centre only.

## 2.2 Regulatory Compliance Statements (EU/EFTA only)

This equipment is intended to be used in the whole EU & EFTA.

This equipment is in compliance with the essential requirements and other relevant provisions of R&TTE Directive 1999/5/EC. The Declaration of Conformity may be consulted at:

<https://www.ascom-ws.com/doc/>

The handset is marked with the label 

## 2.3 Regulatory Compliance Statements (USA and Canada only)

FCC ID: BXZDH5BL
IC: 3724B-DH5BL
US: 9FVW4NANDH5

### FCC compliance statements

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.
- Privacy of communications may not be ensured when using this handset.

This Class B digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la Classe B conforme à la norme NMB-003 du Canada.

### Exposure to Radio Frequency Signals

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device complies with FCC SAR limit of 1.6 W/kg. The maximum SAR value measured when used at the ear, and when worn on the body using belt clip:

Head	0.013 W/Kg
Body worn	0.016 W/Kg

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

Use of non-Ascom approved accessories may violate the FCC RF exposure guidelines and should be avoided.

### Information to User

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

### Hearing Aid Compability

This equipment is hearing aid compatible (HAC).

### Modifications

Changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## 2.4 Bluetooth Qualified Design ID

Bluetooth BT ID: B016451

## 2.5 Environmental Requirements

### DECT Handset

- Only use the handset in temperatures between -10° C to +55° C (14° F to 131° F).
- Avoid exposing the handset for direct sunlight or close to other heat sources.
- Do not expose the handset to open flame.
- Keep the handset away from excessive heat and moisture.
- Avoid sudden temperature changes to prevent condensation in the handset. It is recommended to put the handset into an air tight plastic bag until the temperature is

adjusted, for example, when entering or leaving a cold/heated building on a warm/cold day.

- Protect your handset from aggressive liquids and vapours.
- Keep the handset away from strong electromagnetic fields.
- Do not place a cold handset in a charger.

### **Battery**

- Do not immerse the battery into water. This could short-circuit and damage the battery.
- Do not expose a battery to an open flame. This could cause the battery to explode.
- Do not allow the metal contacts on the battery to touch another metal object. This could short-circuit and damage the battery.
- Do not leave a battery where it could be subjected to extremely high temperatures, such as inside a car on a hot day.
- Use the Desktop Charger or the wall mounted Charging Rack for charging. Charge the battery for at least one hour the first time you use the battery. Note that the wall mounted battery pack charger has to be used if the battery alone is to be charged.
- Do not charge a battery when the ambient room temperature is above 40° C or below 5° C (above 104° F or below 41 °F).
- Do not attempt to take a battery apart.
- Do not disconnect the battery unless it needs to be replaced.
- Do power the handset off before removing the battery.

### **Battery Disposal**

Defective batteries must be returned to a collection point for chemical waste disposal.

### **Chemical Resistance**

The alpha and numeric characters printed on the exterior of the handset have been tested and found resistant to chipping, fading or wearing off when the handset is treated with common cleaners and disinfectants or perspiration. The following chemicals have shown no harmful effect:

- 3% Hydrochloric Acid
- M-alcohol (85% Methylated Ethanol)
- 60% Chlorhexidin 0.5mg/ml

Acetone can be damaging to the plastic casing of the handset and should not be used.

## 3 Descriptions

### 3.1 d81 DECT Handset

**IMPORTANT:** The handset may retain small magnetic objects around the mouthcap or earcap region.

#### Case

The plastic cover parts are made of durable PC/ABS material.

#### Antenna

The antenna is integrated inside the handset.

#### Loudspeaker

The handset has a separate loudspeaker for the loudspeaking function. It is placed on the back side of the handset.

#### Battery

The battery is a rechargeable Li-Ion battery, placed under a battery cover. See [13.1.4 Replace the Battery](#) on page 73.

The battery is fully charged within four hours. See [13.1.2 Charge the Battery](#) on page 73.

The battery can be charged separately with a battery pack charger. See [13.1.3 Charge Spare Batteries](#) on page 73.

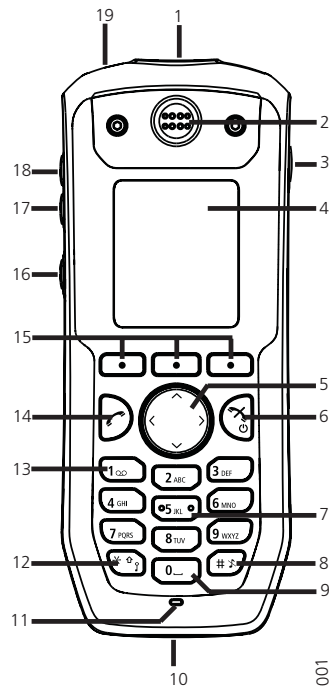

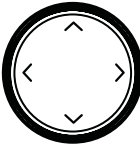













Figure 1. Overview d81 DECT Handset

- 1**  **Push button<sup>1</sup>**  
The button is placed on the top side of the handset. The Push button is used for sending alarms, see [7.1 Push-Button Alarm](#) on page 36.
- 2** **Earpiece speaker**
- 3** **Pull cord connector<sup>2</sup>**  
Is used for connection of the pull cord to the handset, see also [7.3 Pull-Cord Alarm](#) on page 37.
- 4** **Colour display**  
The full graphic type display is 128 pixels wide and 160 pixels high. The display has multiple colours and backlighting.
- 5**  **Four-way navigation key**  
Use this key to step in the menu and when working in text mode. <, >, ^, and v are used for stepping left/right and up/down in the menu. The navigation key can be programmed, the ^ is by default a short cut to the Inbox, and v is a short cut to Call contact. See also [8.6.3 Define Navigation Key](#) on page 54. During a call it is possible to increase/decrease the volume by pressing ^ and v.
- 6**  **On-hook and On/Off key**  
Combined button; to end a call, to return to idle mode, and to switch the handset on/off by long press.
- 7**  **Tactile indicators**  
There are two tactile indicators to indicate the centre of the key pad

1. Applicable for the d81 Protector only.

2. Applicable for the d81 Protector with the Man-down and No-movement hardware only.

- 8  **Sound off key**  
A long press on the key in idle mode, changes between ring signal on/off. At incoming call, a long press on the key silencing the ring signal.
- 9  **Space**  
To add space between text
- 10 **Multi-purpose connector**  
The connector is used for battery charging, software download, configuration and connection of an IP 65 classified headset connector.
- 11 **Microphone**  
The microphone is placed on the front bottom side of the handset.
- 12  **Key lock and Upper/Lower case key**  
This key is to lock the keypad in combination with the soft key "Lock". This key is also for switching between upper/lower case and digits.
- 13  **Voice mail access<sup>1</sup>**  
A quick access to the handset's Voice mail. See also [10.1 Voice Mail](#) on page 67.
- 14  **Off-hook key**  
To answer a call, to pre-dial a number, and as a short cut to the Call list.
- 15  **Soft keys**  
The three Soft keys are located just beneath the display and the function of each Soft key is indicated by text in the display just above the keys. In idle mode, the middle and right Soft key can be used for specific functions defined by the user of the handset. See [8.6.1 Define Soft Keys](#) on page 53.
- 16  **Mute and PTT button**  
A long press on the Mute button in idle mode, changes between ring signal on/off. At incoming call, a long press on the Mute button silencing the ring signal.  
  
During a call, a long press on the PTT button changes between microphone on/off.
- 17  **Volume button (down)**  
To decrease the speaker earpiece, headset, and the loudspeaker volume. The button is placed on the upper left side of the handset.
- 18  **Volume button (up)**  
To increase the speaker earpiece, headset, and the loudspeaker volume. The button is placed on the upper left side of the handset.
- 19 **LED**  
Indicates incoming call, messaging, low battery, and charging.

1. This is a system dependent feature.

### 3.1.1 Hot Keys

Any key "0", "2" - "9" can be set to a Hot Key. A long press on any of these numbers in idle mode are by default a short cut to the Call contact list. The list is in alphabetic order, and depending on which key that is pressed is dependent on where in the list the contact appears.

A Hot Key can be programmed to give access to frequently used functions such as dialling a specific number, a short cut on the menu, or sending an SMS. See [8.6.2 Define Hot Keys](#) on page 54.

### 3.1.2 Alphanumeric Keys

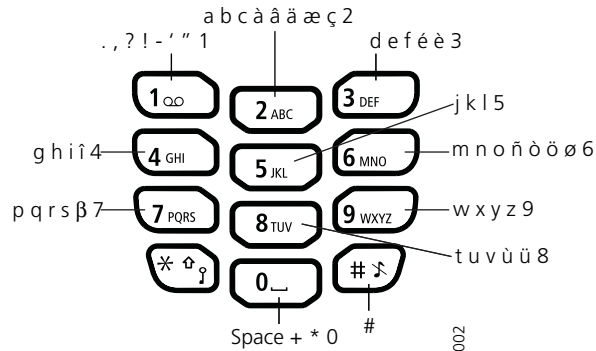


Figure 2. Available Characters.

#### In Idle Mode, and Number Input Mode

- A short press on a key enter the digits "0" - "9" and the characters \* and #.
- Enter a pause in number input mode by a long press on **#**. A pause is indicated by a "P" in the display.
- A long press on **\*** changes the tone sender on. Tone sender on is indicated by a "T" in the display.

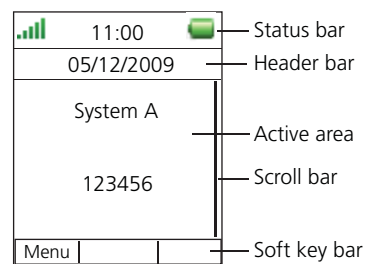
#### In Text Input Mode

- A short press on a key 0-9, displays the first available character on that specific key. The marked character is selected after a timeout, or when another key is pressed.
- To change to upper/lower case, press **\*** before entering the character. The **\*** can also be used to display only the digits.
- To add space in the text, make a short press on key 0.
- The first character entered in a message, or when adding/editing a name in the Contacts menu, will be an upper level character followed by lower level characters, unless **\*** is pressed before entering the character. To switch between "Abc", "ABC", "abc", and "123", press **\***.

A long press on **#** displays special characters.

### 3.1.3 Icons and Text in the Display

All functions and settings available to the user are shown as icons and text in the display. The icons and text in the display indicate functions and settings the user has access to. The display normally displays date and time, the Owner ID and handset number. The Owner ID can manually be set by the user.



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Figure 3. Example of a display configuration in idle mode.

The top row (Status bar) is used for icons which give the user information about signal strength, missed call, new message, phone lock, key lock, sound off, time and battery status. This row is always visible in all screens.

The next row (Header bar) displays the current date, headset connection, Bluetooth connection, and system connection.

The next rows (Active area) are used for information such as the name of the system to which the handset is connected to. A user identity provided from the system and/or an Owner ID can also be displayed if configured in the Settings menu. This is also the area for dialog window text. For example "missed calls" or to confirm an action.

The bottom row (Soft key bar) is used for Soft keys which can be used as short cuts for functions in the handset. See [3.1 d81 DECT Handset](#) on page 9.

The (Scroll bar) is placed to the right of the "Active area". It becomes visible when a menu screen has more than six menus, or if the complete text in a message cannot be displayed on the screen simultaneously.

## Icons



"Signal strength" icon is visible in the upper left corner. The staples shown in display depends on the signal strength.



"Full battery" icon is displayed in upper right corner.



"Low battery warning" icon is shown when the battery has 10% or less remaining capacity left.



"Empty battery warning" icon is flashing when the battery has 5% or less remaining capacity left.



"Sound off" icon is displayed when the Sound off key or Mute button is pressed.



"Microphone off" icon indicates a silenced microphone. It is displayed after a long press on the Sound off key, Mute button during a call.
























During a PTT call, the microphone is silenced when the PTT button is released.



"Loudspeaking" icon is displayed in the soft key bar during a call. Pressing this icon will turn on the loudspeaker.



"Loudspeaking off" icon is displayed after the soft key for Loudspeaking icon has been pressed. Pressing this icon will turn off the loudspeaker.

- |   |  |
|---|--|
|    | "New message" icon or "Interactive message" icon indicates that a new text message (or messages) has arrived. The icon remains in the status bar until all new messages in the inbox are read. |
|    | "Request for answer" icon in front of a message indicates that this message must to be acknowledge or rejected.  |
|    | "Voice mail message" icon is displayed in the status bar when there are voice mails. The icon remains until voice mail has been listened to.   |
|    | "Voice mail message" icon is displayed in the inbox when there are voice mails. The icon remains until voice mail has been listened.   |
|    | "Read message" icon or "Read Interactive message" icon in front of a message shows that this message once has been read.   |
|    | "Sent message" icon  |
|    | "New coloured message" icon indicates that a new coloured text message(s) has arrived. The messages can be labelled with different colours.  |
|    | "Read coloured message" icon indicates that a coloured text message(s) has been read. The messages can be labelled with different colours.   |
|    | "High prio" icon included with "New message" icon indicates high priority of a message.  |
|  | "Alarm prio" icon included with "New message" icon indicates alarm priority of a message.  |
|  | "Key lock" icon indicates a locked keypad.   |
|  | "Locked entry" icon indicates that the contact can not be edited or deleted by the user.   |
|  | "Phone lock" icon indicates a locked handset.  |
|  | "Bluetooth" icon indicates that Bluetooth is enabled.  |
|  | "Bluetooth barcode reader" icon indicates that a Bluetooth barcode reader is connected to the handset.   |
|  | "Bluetooth headset" icon indicates that a Bluetooth headset is connected to the handset.   |
|  | "Headset" icon indicates that a corded headset is connected to the handset.  |
|  | "Outgoing call" icon is added to all outgoing calls in the call list.  |
|  | "Incoming call" icon is added to all answered calls in the call list.  |
|  | "Push to talk" icon is added to all incoming, outgoing, missed and answered PTT calls in the call list/missed calls.   |
|  | "Missed call" icon is added to all missed calls in the call list.  |
|  | "Missed call" icon indicates missed calls in the status bar.   |
|  | "PDM/IMS2 communication" icon is visible when handset is communicating with PDM/IMS2 via advanced charger.   |



"Pull-cord" icon indicates that the Pull-cord alarm is enabled.



"Man-down" icon indicates that the Man-down alarm is enabled.



"No-movement" icon indicates that the No-movement alarm is enabled.



"Profile active" icon



"Messenger" icon indicates that the handset has a d81 Messenger product license.



"Protector" icon indicates that the handset has a d81 Protector product license.

### Menu Icons



The "Contacts" menu contains all names/numbers in the local phonebook. In addition, a company phonebook with up to 1000 entries can be downloaded to the phone via the PDM. It is also possible to access a central phonebook<sup>1</sup> from the "Contact" menu.



The "Services" menu can be used to create short cuts the functions Phone call, Send data, and Send message.



The "Messaging" menu contains all message handling such as reading and writing messages.



The "Calls" menu contains call lists, call time, and call services\*. Call services is configured in the PDM.



The "Connections" menu contains Bluetooth connection, headset selection, System selection, and In charger selection.



The "Settings" menu contains personal handset settings such as changing the ringer volume, selecting language, etc.



The "Short cuts" menu contains short cuts for the Soft keys, Hot keys, and Navigation keys.



The "Profiles" menu contains possibility to add four different profiles. By default there is no profile.

1. This is a system dependent feature.

## 3.2 Accessories

### 3.2.1 Desktop Chargers

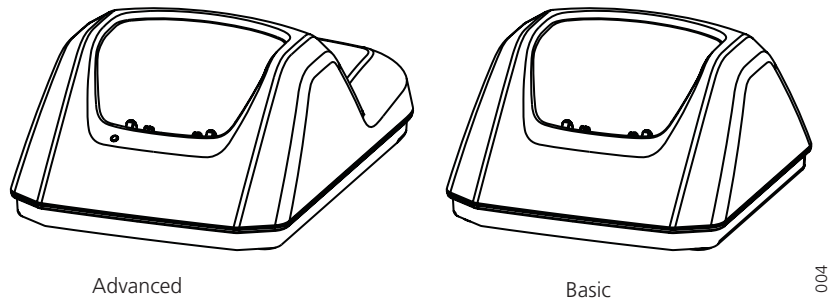


Figure 4. Desktop Chargers for d81 DECT Handset

There are two desktop chargers available; one basic (DC3) that only charges the handset, and one with advanced functionality (DC4) to download new software and to synchronize parameters. The handset is fully operational while placed in the charger.

The charger is delivered with a plug-in power supply and is connected into an ordinary wall socket. For more information, see *Installation and Operation Manual, DC4 Advanced Desktop Charger, TD 92481GB*.

**Note:** Only use the charger within the temperature range of +5° C – +40° C.

**IMPORTANT:** Only use the provided power supply, see *Installation and Operation Manual, DC4 Advanced Desktop Charger, TD 92481GB*.

### 3.2.2 Rack Charger

The rack charger is used for charging several handsets, to synchronize parameters, and for software download.

The built in power supply can charge up to six handsets.

See *Installation and Operation Manual, CR3 Rack Charger, TD 92480GB*.

### 3.2.3 Clips

**Note:** It is possible to use the handset without any clip on, see [13.5 Attach Cover for No Clip](#) on page 78. The belt clips cannot be used if the handset shall be placed in a case. See [3.2.6 Leather Casing](#) on page 17 for more information.

There are two belt clips available:

- Hinge-type clip  
To prevent the handset from slipping out of for example pocket or belt, see [13.3 Attach the Hinge-type Clip](#) on page 77.
- Swivel-type clip  
To be able to rotate without slipping out from for example pocket or belt, see [13.4 Attach the Swivel-type Clip](#) on page 77.

### 3.2.4 Security Cord

The security cord is 800 mm long. The security cord is attached directly to the handset.

### **3.2.5 Pull Cord**

The pull cord is 800 mm long. The pull cord is attached directly to the handset's pull cord connector on the upper right side.

### **3.2.6 Leather Casing**

The leather casing is especially designed for the handset. The casing comes with a swivel type belt clip and the handset is fully operational while placed in the casing.

### **3.2.7 Headset**

A headset is recommended if the handset is frequently used and/or if the user wants to have both hands free. The headset comes in two versions; microphone on a boom and hearing protection.



In order to achieve optimal audio quality with the different headset types it is recommended to select the corresponding headset profile. See [8.8.2 Headset](#) on page 62 for more information.

## 4 Basic Operation


**Note:** For information on how to answering/ending a call, see [6.1 Incoming Call](#) on page 30.


### 4.1 Switch the Handset On/Off

The handset is switched off:

- 1 Press and hold .  
When pressing , the handset will vibrate and the display lights up.
- 2 A dialog window "Switch on?" is displayed. Confirm by pressing "Yes".

The handset is in idle mode:

**Note:** While in a menu, press  to return to idle mode. If the handset is a shared phone, it must first be logged out to be able to switch off the handset. See [4.2 Log a Shared Phone On/Off](#).

- 1 Press and hold .
- 2 A dialog window "Switch off?" is displayed. Confirm by pressing "Yes".

### 4.2 Log a Shared Phone On/Off

**Note:** This feature is license dependent and is applicable for IP-DECT systems only. See *Configuration Manual, Ascom d81 DECT Handset, TD 92674GB*.

The feature shared phone allows more than one user to use a handset. When a handset is configured to be a shared phone, it can be used by any shared phone user in the system. The message and call lists are deleted when a user logs off a handset.


If configured in the PDM/IMS2, it is possible to call an emergency call from a handset that is logged off. See *Configuration Manual, Ascom d81 DECT Handset, TD 92674GB*.

#### Log on a Handset

Prerequisite, the handset is switched on. See [4.1 Switch the Handset On/Off](#) for more information.

- 1 A dialogue window "Login?" appears. Press "Yes".
- 2 Enter User ID and password.
- 3 Press "Login".




#### Log off a Handset

- 1 Press and hold .
- 2 A dialogue window "Logout?" appears. Press "Yes".

### 4.3 Turn the Audible Signal On/Off

The handset is in idle mode:

**Note:** While in a menu, press  to return to idle mode.

A long press on , or , changes between ring signal on/off. The icon  indicates a silenced handset.

### 4.4 Lock/Unlock the Keypad


#### 4.4.1 Lock/Unlock the Keypad in Idle Mode

To prevent accidentally pressing keys and making a call, the keys can be locked.

##### Lock Keypad

- 1 Press .
- 2 Press "Lock".

##### Unlock Keypad


- 1 Press .
- 2 Press "Yes".

**Note:** It is possible to answer/end an incoming call while the keypad is locked. If configured in the PDM, it is also possible to call an emergency call while the keypad is locked. See *Configuration Manual, Ascom d81 DECT Handset, TD 92674GB*.

#### 4.4.2 Lock/Unlock the Keypad during a Call

To prevent accidentally pressing keys, the keys can be locked during a call. This can be useful when a headset is used and the handset is attached to a pocket or belt.

##### Lock keypad

- 1 Long press .
- 2 Press "Lock".


##### Unlock keypad

- 1 Press .
- 2 Press "Yes".

**Note:** It is possible to use the volume buttons and the mute button during the call. If the d81 Protector is used, it is also possible to use the alarm button.

## 4.5 Lock/Unlock the Handset

The handset can be protected for unauthorized use. If this function is activated, a PIN code has to be entered at power on, or when the handset is placed in a charger - this behaviour will first be activated when the handset is placed in the charger. The default phone lock code (0000) can be changed to any 4 - 8 digit personalized code.

- 1 Press "Menu".
- 2 Select .
- 3 Select "Locks".
- 4 Select "Phone lock".
- 5 Select "Auto phone lock".
- 6 Select "On", "On in charger", or "Off".
- 7 Enter PIN code. If the PIN code is forgotten it can be removed by the system administrator.
- 8 Press "OK".

## 5 Menu Tree

### 5.1 Calls

Call list	>	1234 12:00	>	Call			
		1235 14:00		More	>	Time of Call	
		etc.				Edit number	
						Save number	> Work number
							Mobile number
							Other number
						Send message	>
						Delete	> Yes
							No
						Delete all	> Yes
							No
Missed calls	>	2345 15:00	>	Call			
		2346 23 Sep 03		More	>	(same as above)	
		etc.		Back			
Call time	>	Total time 03:15:00 Last call 00:30:00					
PTT Groups <sup>1</sup>	>	PTT Group 1 (example)	>	Call	>		
				Back			
Call services	>	Absence <sup>1</sup>	>	Deactivate			
				Lunch			
				Meeting			
				Trip			
				Vacation			
				Out			
				Absence 1			
				Absence 2			
				Absence 3			
				Absence 4			
		Divert calls <sup>1</sup>	>	Internal	>	Activate	
						Deactivate	
				External	>	(same as Internal)	
				No reply	>	(same as Internal)	
				When busy	>	(same as Internal)	

1. Visible if defined in PDM/IMS2

## 5.2 Contacts

Call contact	>	Search				
		From contact list	>			
Add contact	>	New	>	Name		
				Work number		
				Mobile number		
				Other number		
				Ring signal	>	
		From Call list	>			
Edit contact	>	Search				
		From contact list	>	Name		
				Work number		
				Mobile number		
				Other number		
				Ring signal	>	
Delete contact	>	Search				
		From contact list	>			
Central phonebook <sup>1</sup>	>	Search by name	>	Call		
				More	>	View contact
						Add to contacts
						Send message
		Search by number	>	More	>	(same as above)
		Last result	>	Call		
				More	>	(same as above)

1. This is a system dependent feature.

### 5.3 Profiles

Normal (example)	>	Name			
		Volume	>		
		Ring signal	>	Internal call	> Play
					Back
				External call	> (same as above)
				Call back	> (same as above)
		Message alert	>	Play	
				Back	
		Vibrating alert	>	On	
				On if silent	
				Off	
		Key sound	>	Click	
				Tone	
				Silent	
		Answering behaviour	>	Automatically	
				Loudspeaking	
Add new	>	(same as Normal above)			

## 5.4 Messaging

Inbox	>	Message list	>	View	>	Reply	>	Enter text					
						More	>	Delete					
								Forward					
								Call sender					
								Call no. in text <sup>1</sup>	>	Call			
								Save number					
				More	>	Delete	>	Yes					
								No					
						Delete all	>	Yes					
								No					
				Back									
Write new message	>	Enter text	>	Send	>	Enter number	>	Send					
						"Contacts access"	>	Send					
				Clear									
				Back									
Unsent	>	Message list	>	Edit	>	Enter number	>	Send					
						"Contacts access"	>	Send					
				Clear									
				More	>	Delete	>	Yes					
								No					
						Delete all	>	Yes					
								No					
				Back									
Sent	>	Message list	>	View	>	Forward	>	Send	>	Enter number	>	Send	
										"Contacts access"	>	Send	
								Clear					
						More	>	Delete	>	Yes			
								No					
								Call no. in text <sup>1</sup>	>	Call			
								Save number	>				
						Close							
				More	>	Delete	>	Yes					
								No					
						Delete all	>	Yes					
								No					
				Back									

1. Visible if the number consists of minimum 3 digits.