

QUICK REFERENCE GUIDE



Ascom d83 and d83 EX DECT Handset

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1 Overview

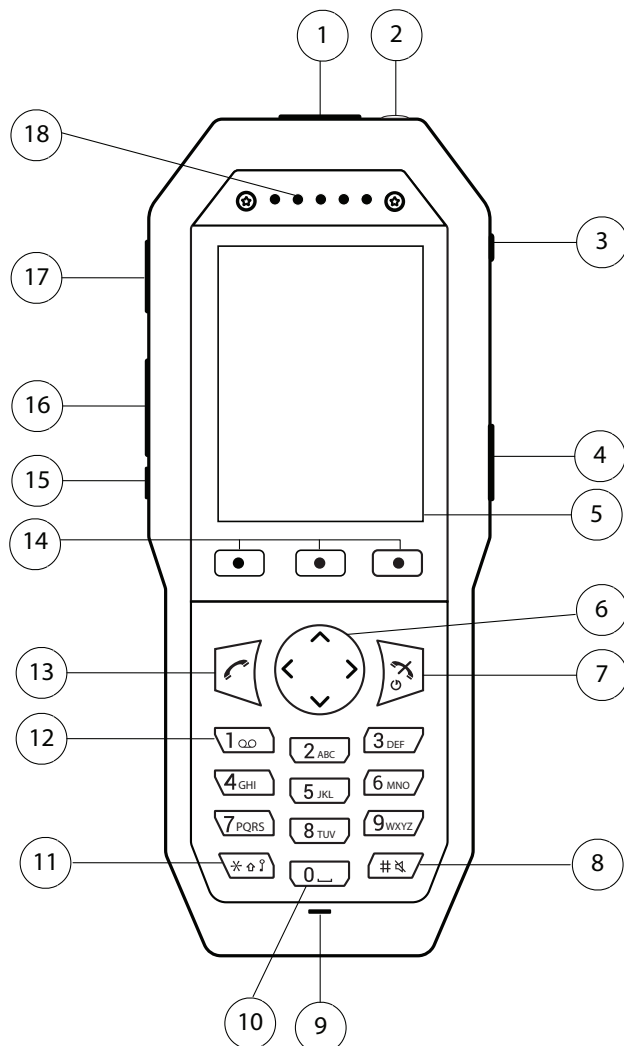
The Ascom d83 and d83 EX handsets are robust DECT handsets designed for medium to high demand environments such as hospitals, elderly care, mining industry, secure establishments, retail and enterprise. Their advanced messaging features make them ideal for applications where two-way messaging or interaction with automated equipment is required.

This document describes how to use the basic functionality of Ascom d83 and d83 EX handsets.

The following handset variants are available:

- Talker
- Messenger
- Protector

For more information on features and functions available for each handset variant, refer to *Ascom d83 and d83 EX DECT Handset User Manual, TD 93434EN*.



Number	External Characteristics	Description
1	Alarm button	The button is used as a push-button alarm. Available only for Protector.
2	LED indicator	Multicolor LED indicator. Available only for Messenger and Protector. Talker has only green, orange and red colors.
3	Pull-cord connector	Connector used for the pull-cord alarm functionality. Available only for Protector.
4	Multifunction button 2	The button can be configured for different functions. The function can be used both with long and multiple press. Only multiple press is configured by default to put the device in sleep mode. NOTE: If configured, the button can be specifically used as a PTT button.
5	Color display	2.4-inch TFT full color display with backlighting.
6	Navigation keys	Left, right, up, and down navigation keys. These keys can be configured for shortcuts.
7	End call key On/off key	Used for ending a call, returning to Idle mode, and by a long press for switching the handset on/off.
8	Sound off key	Used for turning on/off audible signals in Idle mode, silencing the ring signal at incoming calls, and turning on/off the microphone during calls.
9	Microphone	Used in voice communication.
10	Space	Used for adding space between words.
11	Key lock Upper/lower case	Combined key lock and switch between upper and lower case text.
12	Voicemail access	Quick access to the handset's voicemail. NOTE: Voicemail is system-dependent feature.
13	Call key	Used for answering a call and as a shortcut to Call list.
14	Soft keys	The three soft keys are located just beneath the display and the function of each soft key is indicated by text on the display just above the keys. In Idle mode, the soft keys can be used for specific functions based on their configuration.

15	Multifunction button 1	This button can be configured to have different functions. By default, the button is configured to be used as the Mute button and for turning on/off audible signals in Idle mode. With a short press, the ring signal can be silenced at incoming calls, and the microphone can be turned on/off during calls. NOTE: Only long press in Idle mode can be configured to a different function.
16	Volume buttons	Used for increasing/decreasing the speaker volume and ringtone volume.
17	3.5-mm connector	Standard/Screw-enforced connector used to connect a headset or charge the handset. CAUTION: 3.5-mm connector shall not be used on the Ascom d83 EX handset. NOTE: Out of the box, it is protected against dust by the connector cover. The cover needs to be unscrewed to use the connector. NOTE: The connector is compatible with wired headsets used for Android.
18	Earpiece speaker	Used in voice communication.

Soft Keys, Hot Keys and Multifunction Buttons

Hot and soft keys can be configured to give access to frequently used functions such as dialing a specific number, a shortcut on the menu, or sending a message.

Any of the keys **2–9** can be set as a hot key. Press and hold any of these numbers in Idle mode to use a shortcut to the Call contact list¹.

Two Multifunction buttons can be programmed for different functions using long press or double press.



Multifunction button 1 can be configured with the use of long press only. For more information, refer to *Ascom d83 and d83 EX DECT Handset User Manual, TD 93434EN*.

For more information about soft keys, hot keys, and the Multifunction buttons, refer to *Ascom d83 and d83 EX DECT Handset User Manual, TD 93434EN*.

1. This configuration is used by default.

2 Handset Interface

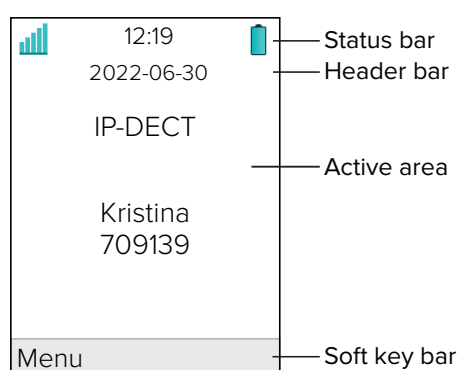
The interface of the handset is divided into two separate screens:

- **Idle mode** is the main screen of the handset, where you can find information about the current date and time as well as the Owner ID. For the details, refer to [2.1 Idle Mode, page 4](#).
- **Main menu** gives access to functions, such as messaging, call, using contacts, etc. For the details, refer to [2.2 Main Menu, page 8](#).

2.1 Idle Mode

This section gives an overview of the Idle screen layout together with the icons and texts that appear on the screen.

Figure 1. Example of the Idle screen



The *Status bar* shows icons that give the user information about signal strength, battery status, sound off, missed calls, new messages/voicemail, key lock/phone lock, and time. This row is always visible on all screens.

The *Header bar* displays headset connection, Bluetooth connection/Bluetooth headset connection, wired headset icon, synchronization icon, and the current date.

The *Active area* displays information such as the user identity provided by the system and/or an owner ID if it is configured, as well as man-down and no-movement functions. This is also the area for dialog window text, for example *Missed calls*, or to confirm an action.

The *Soft key bar* is used for soft keys that can be used as shortcuts for functions in the handset.

The *Scroll bar* can be found on the right of the *Active area*. It becomes visible when a menu screen has more than six rows, or if the complete text in a message cannot be displayed on the screen.

Display Icons and Texts

Functions and settings available to the user are shown as icons and text on the display. This section describes the status and system icons and their functions.

Table 1 Status and system icons description

Icon	Name	Description
	Signal strength	Indicates the strength of the signal. The icon is located in the Status bar.

Table 1 Status and system icons description (continued)

	Full battery	Indicates that the battery has 75 to 100% remaining capacity. All icons indicating the battery capacity status are located in the Status bar.
	High battery level	Indicates that the battery has 50 to 75% remaining capacity.
	Medium battery level	Indicates that the battery has 25 to 50% remaining capacity.
	Low battery level	Indicates that the battery has 10 to 25% remaining capacity.
	Very low battery level	Indicates that the battery has 7 to 10% remaining capacity.
	Empty battery warning	The icon is flashing in the Status bar and indicating that the battery has 7% or less remaining capacity.
	Ongoing charging	Indicates that the handset's battery is being charged. The icon appears in the charging screen saver. NOTE: The icon appears both when the handset is in a sleep modes and switched off.
	Charging finished	Indicates that the handset's battery has been fully charged. The icon appears in the charging screen saver. NOTE: The icon appears both when the handset is in a sleep modes and switched off.
	Charging stopped	The icon is displayed when the ambient temperature is out of permitted bounds. NOTE: The icon is displayed only when the handset is switched off while charging.
	Incoming call	Indicates incoming calls and answered calls. The icon appears in the Call list when the call is received.
	Missed call	Indicates missed calls. The icon appears in the Call list and in the Missed calls list.
	Missed call	Indicates missed calls. The icon appears in the Status bar.
	Outgoing call	Indicates outgoing calls. The icon appears in the Call list when making a call.
	Push-to-talk	The icon is added to all incoming, outgoing, missed and answered PTT calls in the call list/missed calls. NOTE: The icon is added when a PTT invitation is managed as a call only. NOTE: Not applicable to Talker.
	Call forwarding	Indicates that Call forwarding has been activated in the Call services menu, diverting incoming calls to another phone number. The icon appears in the lower left of the Active area. (Swyx and BroadWorks feature)

Table 1 Status and system icons description (continued)

	Do not disturb	Indicates that Do not disturb has been activated in the Call services menu, blocking all incoming calls. The icon appears in the lower left of the Active area. (Swyx and BroadWorks feature)
	Private caller ID	Indicates that Private caller ID has been enabled in the Call services menu, hiding the phone number in outgoing calls. The icon appears in the lower left of the Active area. (Swyx feature)
	New message (sent by another handset)	Indicates that a new text message (or messages) has arrived. The icon appears in the Status bar and the Inbox. NOTE: The icon is displayed until all new messages in the Inbox are read. NOTE: Not applicable to Talker.
	New message (sent by the system)	Indicates that a new message has been sent by the system. The icon appears in the Status bar and the Inbox. NOTE: The icon stays in the Status bar until all new messages in the Inbox are read. NOTE: The icon for messages sent by the system has a higher priority over the icon for messages sent by another handset in the Status bar. NOTE: Not applicable to Talker.
	Sent message	Indicates that a text message has been sent. The icon appears in the list of the Sent messages. NOTE: Not applicable to Talker.
	Read message	Indicates that a text message has been read. The icon appears in the Inbox. NOTE: Not applicable to Talker.
	Unsent message	Indicates that a message has not been sent. The icon appears in the list of Unsent messages. NOTE: Not applicable to Talker.
	Voicemail message	Indicates that you have received a new voicemail message. The icon appears in the Status bar. NOTE: The icon stays in the Status bar until the voicemail has been listened to. NOTE: Voicemail access is system-dependent feature.
	Microphone off	Indicates that the microphone is silent. The icon appears during the ongoing call in the Active area. NOTE: During a PTT call, the microphone is inactive when the PTT button is released.
	Loudspeaker on	Indicates that the loudspeaker is turned on. The icon appears in the Soft key bar during a call.

Table 1 Status and system icons description (continued)

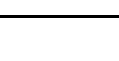
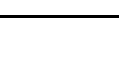
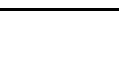
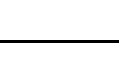
	Loudspeaker off	Indicates that the loudspeaker is turned off. The icon appears in the Soft key bar during a call.
	Sound off	Indicates that the ring signals have been muted. The icon appears in the Status bar when the Sound off key or Mute button is pressed and held.
	Silent volume	Indicates that the ring signal has been muted. The icon appears in the Status bar when the ring volume is set to Silent.
	Bluetooth	Indicates that Bluetooth is enabled. The icon appears in the Header bar. NOTE: Not applicable to Protector Lite.
	Bluetooth headset	Indicates that a Bluetooth headset is connected to the handset. The icon appears in the Header bar. NOTE: Not applicable to Protector Lite. NOTE: Only Bluetooth headsets fulfilling the site requirements are allowed to be used with the Ascom d83 EX handset.
	Headset	Indicates that a corded headset is connected to the handset. The icon appears in the Header bar. CAUTION:: Wired headset shall not be used with the Ascom d83 EX handset.
	Key lock	Indicates a locked keypad. The icon appears in the Status bar.
	Phone lock	Indicates a locked handset. The icon appears in the Status bar.
	Man-down alarm	Indicates that man-down alarm function is enabled. The icon appears in the lower left of the Active area. NOTE: Applicable to Protector/Protector Lite/Protector EX only.
	No-movement alarm	Indicates that no-movement alarm function is enabled. The icon appears in the lower left of the Active area. NOTE: Applicable to Protector/Protector Lite/Protector EX only.
	Pull-cord alarm	Indicates that pull-cord alarm function is enabled. The icon appears in the lower left of the Active area. NOTE: Applicable to Protector/Protector Lite/Protector EX only.
	Profile active	Indicates that a profile is active. The icon appears in the lower left of the Active area. NOTE: If any error or warning message appears on the handset's display, the icon will be moved to the Header bar.
	Synchronization	Indicates that the handset is communicating with WinPDM/ Device Manager. The icon appears in the Header bar.
	Talker icon	Indicates that the handset model is Talker. The icon is located in the lower right of the Active area.

Table 1 Status and system icons description (continued)

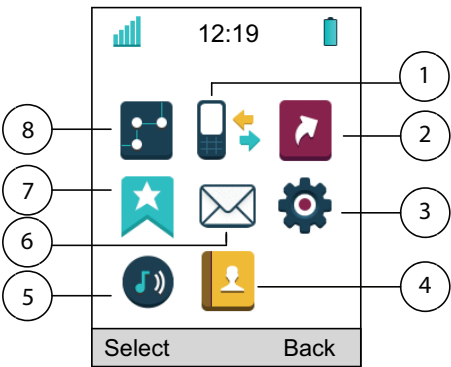
	Messenger icon	Indicates that the handset model is Messenger. The icon is located in the lower right of the Active area.
	Protector icon	Indicates that the handset model is Protector. The icon is located in the lower right of the Active area.

2.2 Main Menu

This section gives an overview of the functions available in the **Main menu** as well as instructions on how to access the menu on your handset.

 Available functions in the **Main menu** differ between handset variants. For the list of available functions in your handset and their short description, refer to [Table 2 Main menu overview, page 8](#).

Figure 2. Example of the Main menu screen



- 1. Calls
- 2. Shortcuts
- 3. Settings
- 4. Contacts
- 5. Profiles
- 6. Messaging
- 7. Services
- 8. Connections

Table 2 Main menu overview

	The Contacts menu provides access to all names/numbers in the local and company phonebooks. The company phonebook with up to 1000 entries can be downloaded to the handset via WinPDM/Device Manager. Central phonebook can also be accessed from the Contacts menu.
	The Services menu contains pre-programmed functions. Note: Services are not applicable to Talker.

Table 2 Main menu overview (continued)

	The Messaging menu contains message handling functionality, such as reading and writing messages. Note: Messaging is not applicable to Talker.
	The Calls menu contains call lists, call time, and call services. Call services are configured in the WinPDM/Device Manager.
	The Connections menu contains Bluetooth connection, headset selection, network selection, and in charger behavior selection.
	The Settings menu contains personal handset settings such as changing the ringer volume, selecting language, etc.
	The Shortcuts menu contains shortcuts for the soft keys, hot keys, navigation keys, and Multifunction buttons.
	The Profiles menu allows up to four different profiles to be added. The "Normal" profile is active by default.

Navigate around the Main Menu

In Idle mode, press the **Menu** soft key to enter the menu.

Use the navigation keys to move around the menu.

Press the corresponding soft key located below the display to select an option.

3 Basic Functions

The following chapter describes how to use the basic functions of the Ascom d83 and d83 EX handsets. It is recommended to read this section when using the handset for the first time. For a detailed description of all available functions, refer to *Ascom d83 and d83 EX DECT Handset User Manual, TD 93434EN*.

Switch the Handset On

When switched off, press and hold the **On/off** key  until the display lights up.

Switch the Handset Off

1. In Idle mode, press and hold the **On/off** key .
2. The *Switch off?* dialog window appears. Confirm by pressing **Yes**.

Lock/Unlock the Keypad Manually

To lock the keypad, press the **Lock** key  and then press the **Lock** soft key.

A locked keypad is indicated by the **Key lock** icon  in the Status bar.

To unlock the keypad, press the **Lock** key . When the *Unlock?* dialog window appears, press **Yes**.

Turn the Automatic Key Lock On/Off

1. In the **Settings** menu, select **Locks → Automatic key lock**.
2. Select **On** or **On except calls**, or **Off**.

Turn the Loudspeaker On/Off

- During the call, press the  soft key to turn the loudspeaker on.
- During the call, press the  soft key to turn the loudspeaker off.

Turn Audio Signals On/Off

There are two different methods to turn off/on ringtones and notification sounds:

- In Idle mode, press and hold the **Sound off** key  or the **Mute** button. The **Sound off** icon  appears in the Status bar to show that the handset has been muted. Press and hold the **Sound off** key or the **Mute** button again to turn the signals on.
- In Idle mode, press the **Volume down** button repeatedly until the ring volume is set to **Silent**. The **Silent volume** icon  appears in the Status bar to show that the handset has been muted. Press the **Volume up** button one time to unmute the handset.

Turn the Vibrating Alert On/Off

1. In the **Settings** menu, select **Sound & Alerts → Vibrating alert**.
2. Select **On**, **On if silent** (the vibrating alert is on when the handset is muted), or **Off**.

Adjust the Volume

Press the **Volume up** button to increase the volume and the **Volume down** button to decrease the volume. While in a call you can use either the navigation keys up/down or the volume buttons to adjust the volume level.

4 Calling

This chapter describes how to use the call function on Ascom d83 handset.

Make a Call

Calls can be made in different ways, for example by manually dialing the phone number, using the Call list or the phonebook. To make a call, perform one of the following:

- In Idle mode, dial the number and press the **Call** key  or the **Call** soft key.
- In Idle mode, press the **Call** key  and select a number from the Call list.
- In Idle mode, press a pre-programmed hot key or a soft key.
- Select a number from the local phonebook in **Contacts → Call contact**. Choose a name from the list or use the search function, then press the **Call** key  or the **Call** soft key.
- Select a number from the central phonebook² in **Contacts → Central Phonebook**. Search the contact by name, number, or last result. Press the **Call** key  or the **Call** soft key.

Answer the Call

When the call is received, press the **Call** key  or the **Accept** soft key to answer the call.

End the Call

While in a call, press the **End call** key  to finish the call. The duration of the call is shown on the display.

The call information is stored in **Calls → Call list**.

Decline the Call

When the call is received, press the **End call** key  or the **Decline** soft key to reject the call.

2. This function is system-dependent.

5 Contacts

This chapter describes how to use the **Contacts** menu on the Ascom d83 and d83 EX handsets, specifically how to search, add, edit, and delete contacts in your local phonebook as well as how to use the central phonebook.

Search for a Contact in the Local Phonebook

1. In Idle mode, press the navigation key down³ or go to **Contacts** → **Call contact** to open the local phonebook.
2. Select a contact from the list or search by a name/number using the **Search** field.
3. Select the name and press the **Call** key  or the **Call** soft key to make a call.

Add a New Contact to the Local Phonebook

1. In the **Contacts** menu, select **Add contact** → **New**.
2. Select the **Name** and press the **Add** soft key.
3. Enter the name of the contact and press the **OK** soft key when done.
4. Select the **Work number**, **Mobile number**, or **Other number** and press the **Add** soft key.
5. Enter the contact's number and press the **OK** soft key when done.
6. Press the **Save** soft key.

Add a New Contact from the Call List

1. In the **Contacts** menu, select **Add contact** → **From call list**.
2. Select the number from the list and press the **Add** soft key.
3. Select the **Work number**, **Mobile number**, or **Other number** and press the **Select** soft key.
4. To change the contact's name, select the **Name** and press the **Edit** soft key. If you want to add the name to the contact, select **Name** and press the **Add** soft key.
5. Enter the contact's name and press the **OK** soft key when done.
6. Press the **Save** soft key.

Edit a Contact in the Local Phonebook

1. In the **Contacts** menu, select **Edit contact**.
2. Select the contact and press the **Edit** soft key.
3. Make the required changes and press the **Save** soft key.

A contact in the phonebook is marked with the symbol , which means that it is not possible to edit.

Delete a Contact from the Local Phonebook

1. In the **Contacts** menu, select **Delete contact**.
2. Select the contact and press the **Delete** soft key.
3. Press **Yes** to confirm.

Use the Central Phonebook

The central phonebook lists contacts that are available in the central phonebook database.

3. If the navigation key down is not configured for any other function.

1. In the **Contacts** menu, select **Central phonebook**.
2. Select **Search by name** or **Search by number**, or **Last result**⁴.
3. Start to enter the first letter(s) of the first name, family name, or both, or the number.
4. Press the **Search** soft key. The central phone book lists the matching names on the display. You can go to the next entry in alphabetical order by using the navigation keys.
5. Press the **More** soft key to view the contact, add it to the contact list, or send a message to the selected contact.
Press the **Call** key  or the **Call** soft key to make a call.

4. The **Last result** option in the **Central phonebook** lists the contacts that were last searched for.

6 Messaging

This chapter describes how to use the **Messaging** menu on Ascom d83 handset. Specifically how to write and send new messages, read and delete the stored messages as well as how to use the voicemail function.



All functions described in this chapter are applicable to Messenger and Protector only.

Incoming Messages

When a new text message is received, the **New message** icon and the content of the message are automatically shown on the display. The **New message** icon remains on the display until all new messages are read.

The incoming message is normally accompanied with the message alert signal and/or vibration as well as blinking LED.

If you want to open and read the received message later, press **Close**. The message will be automatically stored in **Messaging → Inbox**.

Read the Received Message

1. In the **Messaging** menu, select **Inbox** or press the navigation key up⁵ in Idle mode.
2. Select the message from the list.
3. Press the **View** soft key to read the message.

Write and Send the Message

1. In the **Messaging** menu, select **Write new message**.
2. Enter the text and press the **Send** soft key.
3. Enter the number or use the **Phonebook** *☎ option to select the contact from the list.
4. When done, press the **Send** soft key to send the message. The *Message sent* dialog window appears to show that the message has been sent.

Delete a Message

You can delete any received, unsent, and sent messages.

1. In the **Messaging** menu, select **Inbox** or **Unsent**, or **Sent**.
2. Select the message to delete.
3. Press the **More** soft key.
4. In the pop-up menu, select **Delete** or **Delete all**.
5. Press **Yes** to confirm. The message(s) is/are deleted.

Check the Voicemail

A new voicemail is indicated by the **Voicemail message** icon  that appears in the Status bar.

If the **Voicemail message** icon is displayed in the Status bar, press and hold the digit key **1** in Idle mode to listen to the received voicemail message. If the extension number is not available, a dialog window *Voicemail number not defined* is displayed.

5. If the navigation key up is not configured for any other function.

7 Alarm Functions



Applicable to Protector only. Alarm function availability depends the installation environment. For more information, refer to *Ascom d83 and d83 EX DECT Handset User Manual, TD 93434EN*.

Push-Button Alarm

Two different alarm types can be set for the handset's alarm button. An alarm can either be a **Push-button alarm** with a personal alarm functionality or a **Test alarm** that is used to test the personal alarm. Each of the alarm types is enabled in one of the following ways: long press or multiple press. By default, the long press is defined as a test alarm and the multiple press (double press) is defined as a personal alarm.

When the alarm is sent, a **Personal Alarm** (default text for multiple press) or **Test Alarm** (default text for long press) dialog window is shown on the display. The alarm is sent to the alarm center that distributes it further.

It is possible to trigger the alarm during other activities such as speaking, editing the settings, or while the handset is locked.



The Push-button alarm can be silent if configured by an administrator. Silent alarms are intended for potentially hazardous environments and they are not accompanied by signals or other indications.

Pull-Cord Alarm

the handset is equipped with a pull-cord connector on the side. A pull-cord string shall be attached to the connector to use the alarm. A pull-cord string has a clip to fasten on an article of clothing. If someone tries to snatch the handset away from the user, the magnet connector releases and the alarm is activated. The

Pull-cord icon  shows that the alarm is enabled.

Activate the Pull-Cord alarm

1. In the **Menu**, select **Settings → Alarm → Activate alarm**.
2. Select the pull-cord alarm. The icon  appears in the bottom of the screen.

Deactivate the Pull-Cord alarm

1. In the **Menu**, select **Settings → Alarm → Activate alarm**.
2. Select the pull-cord alarm to be deactivated.

Reset the Pull-cord alarm

Attach the pull-cord string to the connector on the side of the phone.

Man-down and No-movement Alarm

The handset can also be programmed to send **Man-down** and **No-movement** alarms to provide personal safety monitoring. These alarms are suitable for workplaces where maximum security and accessibility is required. If an accident occur, colleagues and management are informed within seconds and the person in need of assistance can be located immediately.

The Man-down alarm is triggered if the handset is tilted (by default 45°) from vertical position for a predefined period of time (by default for 7 seconds). The **Man-down** icon  shows that the alarm is enabled.

The No-movement alarm is triggered if no movement is detected for a predefined period of time (by default for 30 seconds). The **No-movement** icon  shows that the alarm is enabled.

During the warning phase, the handset gives an LED indication, an audio and a vibrating signal (depending on the settings) for a predefined period of time (by default 7 seconds). At the same time, the handset displays the *Man-down warning. Cancel?* or *No-movement warning. Cancel?* message. The handset then sends the alarm unless the alarm is cancelled.

The handset confirms that the alarm has been sent by giving a beep, an LED indication, and vibrating alert. At the same time, the handset displays the *Man-down alarm sent* or *No-movement alarm sent* message.

The Man-down and No-movement alarm functions are inactive under the following conditions:

- The handset is placed in a charger.
- During calls (depending on the settings) to avoid false alarms if the user tilts the handset or is motionless during a call.
- For a predefined period of time (by default for 10 minutes) if the **Mute** button or the soft key **OK** on the warning dialog is pressed during the warning phase.

Enable/Disable Man-down and/or No-movement Alarm

1. In the **Settings** menu, select **Alarm → Activate alarm**.
2. Select **Man-down** or/and **No-movement**. The corresponding icon(s) appear(s) in the Active area.

Follow the same steps to disable the alarm.

Cancel Man-down and/or No-movement Alarm

When the handset enters the warning phase and the *Man-down warning. Cancel?* or *No-movement warning. Cancel?* message appears, do one of the following to cancel the alarm:

- Press the **OK** soft key.
- Press any key including the wired headset button⁶.
- Move the handset to an upright position (for Man-down alarm)⁷.

Delay Man-down and/or No-movement Alarm Temporarily

During the warning phase, press the **Mute** button and then press **Yes** to confirm the *Delay MD/NM detection?* message. The corresponding display icon flashes until the alarm is active again (default 10 min).

Reset Man-down and/or No-movement Alarm

To reset the alarm function, perform one of the following:

- Move the handset to an upright position (after Man-down alarm).
- Move the handset (after No-movement alarm).
- Press any button⁸ including the wired headset button.
- Press the **Mute** button if the ALS sounds.

6. Except for the bluetooth headset button.

7. Configured by the system administrator.

8. Except for the Alarm button.

Acoustic Location Signal

An alarm can be followed by an Acoustic Location Signal (ALS). The ALS is a signal from the handset that alerts for a predefined period of time. The signal can be silenced by pressing the **Mute** button.

Alarm with Data

Data can be added to all types of alarms at transmission. The data must manually be defined and stored by the user.

The alarm can be configured under **Settings → Alarm → Edit alarm data**.

Automatic Call after Alarm

The handset can be configured to call a predefined number after an alarm has been sent.

8 Maintenance

This chapter describes how to maintain handsets, with a focus on battery replacement and charging.

The handset has a rechargeable battery that can be charged separately from the handset. To charge it, use the battery pack charger. If you want to charge the handset together with battery, do it either with a desktop charger, a charging rack, or using the 3.5 mm cord charger.



The 3.5-mm cord charger shall not be used on the Ascom d83 EX handset.



Take into consideration the following:

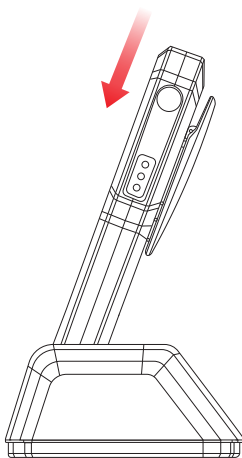
- Do not charge or disconnect the battery in a hazardous area.
- Only use the charger within the temperature range of +5°C – +40°C.
- The 3.5 mm cord charger is only available with an EU power plug.
- In a desktop charger or charging rack, the handset operates with exceptions. For example, the handset does not vibrate when placed in charger.

Charge the Handset

To charge the handset together with battery in a desktop charger or a charging rack, do the following:

1. Place the handset in the desktop charger or the charging rack and gently push the handset down to fully insert it (see the image below).

Figure 3. Example of how to place the handset into the desktop charger



2. If the handset has been correctly inserted, the `In charger` message appears on the display, the LED turns orange, and an animated battery icon is shown on the screen to indicate that the charging has been started.

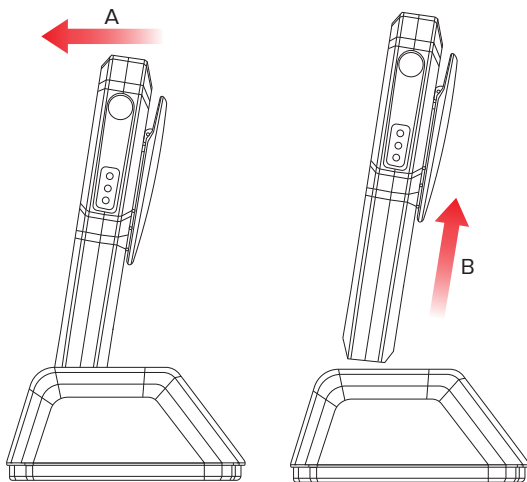
When the LED turns green and a fully charged icon is displayed, the battery is fully charged. To remove the handset from the desktop charger or the charging rack, do the following:

1. Tilt the handset towards (see A in the image below).
2. Lift the handset upwards (see B in the image below).



It is not recommended to lift the handset upwards before tilting it towards you.

Figure 4. Example of how to remove the handset from the desktop charger



Charge the Battery

1. Switch off the handset.
2. Slide the battery cover lock to the right to release the battery.
3. While pressing and holding the upper part of the clip, remove the battery from the handset.
4. Place the battery in the charging slot. Slide the battery lock to the left. If the battery has been correctly inserted, the LED indicator on the battery charger turns amber to show that the battery is charging.
5. The battery is fully charged when the LED indicator turns green.

Replace the Battery

If the capacity and performance of the battery declines, replace it with a new one. Contact the system administrator or handset supplier for new batteries.

To replace the battery, follow the steps below:

1. Follow the steps 1–3 described in [Charge the Battery, page 19](#).
2. Insert a fully charged/new battery while pressing and holding the upper part of the clip.
3. Slide the battery cover lock to the left to lock it. The handset starts automatically after the battery is inserted.

9 Chemical Resistance

The alphanumeric characters printed on the handset have been tested and found resistant to chipping, fading, or wearing off when the handset is treated with common cleaning products, disinfectants, or it is exposed to perspiration. Acetone can damage the plastic case of the handset and should not be used.

The following chemicals have shown no harmful effects:

- 3% Hydrochloric Acid
- M-alcohol (70% Methylated Ethanol)
- 60% Chlorhexidine 0.5 mg/ml

10 Related Documents

Ascom d83 and d83 EX DECT Handset User Manual, TD 93434EN

Ascom (Sweden) AB

Grimbodalen 2

SE-417 49 Göteborg

Sweden

Phone +46 31 55 93 00

www.ascom.com

ascom