

Spectralink 84-Series Quick Start Guide

b.dl 1 & 3277 Contacts / Call Lists • . . Ô 1 3 def 2 abc 4 ghi 5 jkl 6 mno 8 tuv 9 wxyz 7 pqrs <* 0 #> -000-

Additional Resources



Online Reference

The Spectralink 84-Series Wireless Handset User Guide is your complete reference for utilizing all of the features of this handset.

Spectralink Wireless Telephones Safety Information Spectralink 84-Series Regulatory Information

All support documents may be downloaded from <u>http://support.spectralink.com</u>.

Select product type and product name from the dropdown list in order to access the product support page.



Product Compatibility

Use only 84-Series products with other 84-Series products as identified by the model number located on the label of the product. If you have any questions about product compatibility, contact your system administrator.

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Battery Pack Initial Set Up

You must fully charge your handset's Battery Pack before you use it for the first time. See page 29 for complete information.



Warning

This equipment will not operate when mains power fails.



Caution

The reliability of the Spectralink® Panic button and Personal Alarms/ SAFE application depends on the functionality and reliability of the greater infrastructure – the wireless LAN, the LAN, the call server, the central provisioning server, the server hosting location services, the central security system and its servers, the correct configuration of the Spectralink 84-Series handsets and provisioning server, and thorough training of personnel. Spectralink assumes no responsibility and shall not be liable for any of the above dependency factors. In addition, please be aware that the Spectralink Panic button and SAFE application should not be your sole solution to any of your safety concerns and are not a substitute for safe practices and procedures.

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Side View

Barcode reader (if available)	
Volume up	
Volume down	
Push-to-talk button or Emergency Dial button (if configured)	
Barcode reader scan button (if available)	
Headset jack (Lift the cover for access)	
USB interface (Lift the cover for access)	

Rear View



Front View



Logging In and Signing In

In some environments, you will need to log in and/or sign in to your handset before it is operational. See page 18 for complete information on utilizing the features provided by the Lync interface.

Sharing Handsets

When User Profiles are deployed, a handset may be shared by any number of users. Users must turn on the handset and log in to access their custom settings, call lists, and other telephony features. From the Home screen, press the **Features** soft key, and select **Login**. Enter your user name and password in the fields. If you have any question about what these are, contact your system administrator. Use the **Encoding** soft key for character entry variations.

Always log out when you have finished using your phone for the day. From the Home screen, press the **Features** soft key, and select **Logout**.

Signing in to Microsoft Lync

When a Microsoft[®] Lync[®] telephony server is deployed, you will have an interactive connection between your handset and your PC. Lync contacts, IM messaging and Lync Calendaring features may be available.

You may need to sign into the Lync server before you can use your phone. To sign in, press the **Features** softkey. If signing in is required, one or both sign in options will appear: **Sign in: PIN & Ext.** or **Sign in: Credentials**. Select the option used in your facility and complete the required fields. Contact your system administrator if you have questions and for credentials if you do not know them.

The Home Screen

The Home screen provides you with information about the status of the handset and the Home icons.



Home Icons

The Home icons allow you to access your handset's features from the Home screen. Use the \triangleleft and \triangleright keys to rotate the Home icons. Press the **OK** key to select the center icon.

Contacts/Call Lists

The Contacts/Call Lists icon gives you access to your Contact Directory and your Corporate Directory, if available. For more information, see **Contact Directory** on page 16.

Messages

The Messages icon gives you access to Voicemail and Instant Messages. For more information, see Voicemail on page 15, and Instant Messaging on page 19.

Settings

The Settings icon opens a menu for configuring many handset features. See your User Guide for a complete list of these options.

Applications

Depending on the configuration of your handset, a menu of custom applications may be accessible by selecting the Applications icon from the Home screen. See your system administrator for information about any applications listed on this menu.

Shortcut Menus

The soft keys at the bottom of the display allow you to select functions. The gray triangles in the upper right corner of the soft keys indicate that there is a shortcut menu with additional options. Use the shortcut menus to quickly find the options you want. Use the \blacktriangle and \blacktriangledown navigation keys to highlight an option, and choose the option by pressing **OK**. Alternatively, you can press the number of the option on the keypad to instantly activate it. Grayed options are not available.



The Session Manager

Use your handset to manage up to eight communication sessions—calls, broadcasts, chats, and alerts—at any one time and in any combination. Each communication session is shown as a color-coded cell in the Session Manager screen. Cells display with a call icon indicating call status, a line number indicator, the name and extension/channel of the party, and the call duration, as shown next:



When a cell is highlighted, soft keys display that you can press to affect that call while other cells remain unaffected. Use the \blacktriangle and \checkmark navigation keys to scroll to and highlight a cell. Press the **OK** key to select the highlighted cell.

Status and Call Icons

Status Icon

Indication



Battery full



Signal strength with location services



Mute



Do not disturb



Missed call with number indicator

Voicemail with number indicator



Bluetooth available



Profile: Normal



Profile: Silent



Profile: Custom



Profile: Meeting



All phone lines are available

With green dot means active call With red dot means call on hold



Not registered

SAFE / Personal Alarm Icons



Alarm state

Monitoring state

Suspend state

Call Icon	Indication
"	Incoming call ringing
%	Outgoing call
	Call active
	Call on hold
\mathbf{X}	IM call on hold
9 208	Conference call
E	Conference leg/ with HD audio
Ē	PTT/Page receive
L	PTT/Page transmit
	PTT/Page idle
	IM Presence indicator
S	Dialer–Outgoing call
S'	Dialer–Incoming call
S.	Dialer-Missed Call
2	Call list–Outgoing
2	Call list–Incoming
	Call list-Missed
ę	IM call history Missed IM call

Basic Handset Features

Basic handset features offer you the ability to place, answer, end, hold, resume, and otherwise manage your incoming and outgoing calls. Other basic features include muting, transferring, forwarding, and conference calls.

Placing a Call

You can begin a call using one of the following methods:

Enter a Number

Entering numbers using the handset keypad is the default dialing mode. Pressing any number on the keypad opens the Dialer, which will automatically display similar numbers from your Contact Directory for you to select. As you enter additional numbers, the list is filtered. You can choose a contact from the list or continue to enter the number. Press the **Start** key to make the call.



Enter a Name

To place a call to an existing directory contact by entering the name, press the **Start** key to open the Dialer. Select the **Entry Mode** soft key and select the **Name** option. As you enter the letters of the first or last name, the list of contacts shown is filtered. Highlight the name and press the **Start** key.

Call a Contact

Navigate to **Contacts/Call Lists > Contact Directory**. Contacts are sorted alphabetically. Scroll to highlight or use the **Search** soft key. Press the **Start** key to dial the number.

Use Speed Dial

Press the **Favorites** soft key from the Home screen to display the shortcut menu of Favorites—those contacts with the first 10 configured speed dial numbers. Dial any contact by pressing the corresponding speed dial number on the keypad.

Answering a Call

Press the **Start** key. If Multi Key Answer is enabled, press any keypad key (except soft keys and side buttons).

Making an Emergency Call / Panic button

Emergency numbers can be programmed by the system administrator. Check to see which of these features is available.

- As a Speed Dial key. Press **Features > Speed Dial** and select the emergency number.
- A New Call softkey opens an Authorized Call menu with up to five numbers listed that can be dialed by scrolling to select and pressing OK or by pressing the corresponding keypad number.
- The PTT Talk button may be reprogrammed to Emergency Dial (aka Panic button). Test by pressing the button once. If the Emergency Dial popup appears, this feature has been enabled. Make an emergency call by pressing this button twice within two seconds or with a long press. If the PTT Channel list appears, use one of the other two options for emergency calls.

Incoming Call Management

When you are in an active call, the call window replaces the Session Manager. When you receive another call you can:

- Reject the call by pressing End. If voicemail is available, the call will be routed to voicemail.
- Silence the ring by pressing the **Ignore** soft key. The call will appear in the Session Manager until it stops ringing. If unanswered, it will be routed to voicemail, if available.
- Answer the call by pressing Start which places the active call on hold.

- To end the current call and answer the incoming call, press Ignore to open the Session Manager and press End to end the current call. Then press Start to answer the incoming call.
- Forward the call to another number by pressing the Forward soft key and entering the extension number. See Forwarding an Incoming Call on page 15.

Microphone Mute

The **Mute** soft key appears during active calls. Press this key to mute the microphone.

You can still hear all other parties while Mute is enabled, but other parties cannot hear you.

The **UnMute** soft key appears while Mute is enabled. To disable Mute, press the **UnMute** the soft key.

Call Hold and Resume

The **Hold/Resume** soft key appears during active calls. Press this key to place the highlighted call on hold. Press it again to resume the call.

Keypad Lock

Your keypad can be locked so you do not make inadvertent calls. From the Home screen, press the **Feature** soft key and select **Keypad Lock**. To unlock the keypad, press the **Unlock** softkey.

Volume Adjustment

Press the **volume** buttons on the left side of the handset to adjust the call volume of the active call. Press these buttons during ringing to adjust the ringer volume.

Hands-free Options

You can plug a headset into the headset jack on the right side of the handset. The headset icon will display. Bluetooth headsets can be used. Navigate to **Settings > Bluetooth Settings** for pairing options. See the *User Guide* for additional directions.

Transfer and Conference Calls

During an active call, either the Transfer or Blind Transfer soft key will display. The key not displayed and the Conference options are listed as options on the Features shortcut menu.

Blind transfer

- 1. Connect to the first party.
- 2. Press the Features softkey and select Blind Transfer.
- 3. Select the **Start** key or open a call list or start entering a number to open the Dialer (the active call is placed on hold).
- 4. Place a call to the target party. The transfer is complete and you are returned to the Home screen or Session Manager whether or not the other party answers the call.

Attended Transfer

- 1. Connect to the first party.
- 2. Select the Transfer soft key to open the Dialer.
- 3. Place a call to the target party.
- 4. When the party answers, you can explain that you are going to transfer the call to [the party on hold].
- Press the Transfer softkey. The other two parties remain in call. If you want to remain on the call, do not hang up. Select the Conference option on the Features menu and all three parties are now connected.

Conference Call

- 1. Connect to the first party.
- 2. Select Conference from the Features menu.
- 3. Dial the next party.
- 4. Select the **Conference** soft key to join all parties in the conference call.

You can also conference two separate calls by using the **Join** option on the **Features** menu.

Conference Behavior

 When the Active:Conference cell is highlighted, you can use the Mute key to mute your microphone. The Hold and End soft keys affect every participant in the conference call.

- When a participant cell is highlighted, you can use **FarMute** to mute the participant, the **End** key will disconnect the participant, **Hold** will place that participant on hold.
- Pressing the **Feature** soft key, **Split** option will split the conference into two separate held calls.

Do Not Disturb (DND)

DND sends all calls to Voicemail, if available. Navigate to Settings > Feature Settings > Do Not Disturb. Enable or disable as needed.

Forward an Incoming Call

While the handset rings, select the **Forward** soft key. The Forward-to-Dial screen appears. The screen displays the last number you forwarded calls to (either manually or automatically). To forward the call to a different number, enter the target number as you would through the Dialer and press the **Forward** softkey.

Forward All Calls

- 1. Navigate to **Settings > Feature Settings > Forward**.
- 2. Select Forwarding Type: Always, No Answer, or Busy.
- Enter the number of the desired call destination. For No Answer, enter the number of rings before forwarding.
- 4. Press the Enable soft key.

To disable call forwarding:

Perform steps 1 and 2 above, but press the **Disable** soft key.

Voicemail

When Voicemail is configured, the Voicemail icon in the Status Bar indicates one or more new Voicemail messages.

To listen to voice messages:

- 1. Select the Messages icon from the Home screen. Urgent, New and Old options are available. Select one of these options.
- 2. Press the **Connect** soft key, and then follow the voice prompts. Use the **Clear** soft key to clear Voicemail messages.

Call Lists

Navigate to Contacts/Call Lists > Call Lists. You can Sort, display by Type, Clear the list, or select a call and Dial the number. Select a call and press the OK key to view the call details. You may then Edit/Dial the number, Save the contact or Delete the call.

Contact Directory

Contacts can be dialed, added, edited, searched and deleted. Note that contacts can be added from the Corporate Directory if available in your facility.

Navigate to **Contacts/Call Lists > Contact Directory**. A Corporate Directory option may be available.

- Use the Edit, Add, Search, and Delete soft keys to customize your contacts. Note that you can only Add and Search the Corporate Directory.
- Press the Encoding soft key to access special characters, other languages and capitalization options.

Use the following as a guide when adding or editing a contact in the Contact Directory:

Field/Option	Description/Function
First Name/ Last Name	Both names are searchable; the list is sorted alphabetically by last name.
Contact	The phone number entered for the contact.
Speed Dial Index	Automatically assigned but can be changed overridden. The first 10 configured numbers will appear on the shortcut menu and in the Favorites list.
Label	Identify the contact with a short description, such as Sales.
Ring Type	Choose a ring identifier from the dropdown list to specify a unique ring tone for this contact.
Divert Contact	Enter a number to divert calls from this contact to if Auto Divert is enabled.
Auto Reject	Enable this option to block all calls from this contact.
Auto Divert	Enable this option to divert all calls from this contact to the Divert Contact number (see Divert Contact).
IM Name	The Instant Messaging identifier for this contact.

Set Profile

Your Spectralink 84-Series handset has four preset Profiles which can be customized for event notifications such as incoming calls or PTT sessions:

Normal	Audible alerts
Silent	All handset sounds are silenced
Meeting	Vibrates to notify you of incoming calls
Custom	Can be tailored to specific needs

The chosen active profile can be changed from the Home screen by pressing the **Profile** soft key and selecting one of the options from the Profile shortcut menu.

Using Microsoft Lync

Your system administrator will tell you if you are using a Microsoft Lync server and have the features described here. See the *User Guide* for additional information.

Viewing Your Lync Contacts

Your Lync Contacts are available by navigating to **Contacts/Call** Lists > Contacts. Contacts display alphabetically in your Lync Contact list. Press the Groups soft key to view your Frequent Contacts.

You can call, send an instant message to, view in Groups and edit contacts on your Lync contact list.



Presence Icon

lcon	Description	lcon	Description	lcon	Description	
	Available		Do Not Disturb		Offline	
	Busy, In a Call	0	Away, Be Right Back, Inactive		Unknown	

Adding Lync Contacts

You can add Lync Contacts until the maximum number of 200 contacts is reached.

- 1. Open your Contacts list and press the **Edit** soft key. Then press the **Add** option.
- 2. Enter the contact's user name and press the Submit soft key.

Deleting Lync Contacts

Open the Contacts list and press the Edit soft key. Then press Delete.

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Deleting Lync Contacts from Your Phone

When you delete a Lync contact from your phone, you also remove the contact from the Lync client list on any associated computer.



Groups on Your Phone

The Groups soft key interfaces with the Lync client on your computer where groups are created and stored. You cannot create new groups or delete existing groups on your phone. You cannot move contacts from one group to another on your phone.

Sending and Receiving Instant Messages

Navigate to the Contacts list, select a recipient and press the **Instant Message** soft key. The IM chat window opens. Use the keypad to enter your message and press the **Send** soft key or press the **Quick Notes** soft key and select a message from the list.

Incoming IMs can be answered by pressing the **OK** key or the **Start** key. A chat window opens for your response. If you do not respond to an IM call within 20 seconds, it will appear in the session list as a held IM session. The **Ignore** soft key will close the popup window and add the IM call to the session list. Select the session cell to open the chat window.

End an IM call, chat or session by pressing the **End** key.



Lync-Hosted Conference Calls Not Supported You cannot initiate, split, or end a Lync-hosted conference call on your Spectralink phone.

Updating Your Lync Presence

Presence indicates your availability to other Microsoft Lync contacts.

Change your presence by pressing the **Profiles** soft key and the **My Status** option. Then select your desired presence. Your new presence displays to everyone using the same system.

When you change your presence on your phone, your presence will change on the Microsoft Lync client on any associated computer as well and vice versa.

Signing out of Lync

Once you've signed out, your line shows as unregistered, your presence is offline, and you will be unable to use your phone.

- 1. Navigate to Settings > Feature Settings > Microsoft Lync > SignOut.
- Press the SignOut soft key and confirm by pressing the Yes soft key.



Call Lists Deleted When You Sign Out

Once you sign out of $\ensuremath{\mathsf{Microsoft}}$ Lync on your phone, your call lists are deleted.

Signing Back Into Microsoft Lync

Once you have signed in to Lync, you will remain signed in, even when you power cycle the phone, until you sign out.

- 1. To sign back in, navigate to Settings > Feature Settings > Microsoft Lync > SignIn and select the sign in option.
- 2. Complete the required fields and press the **SignIn** soft key. If successful, your line icon will show as registered.



My Sign-In Credentials Don't Work

Be careful entering your password as too many attempts with an incorrect password may cause your account to be locked. If this happens, contact your system administrator.

Push to Talk (if configured)

The PTT feature allows the Spectralink 84-Series handsets to operate in a group broadcast mode, where a single handset can transmit to multiple listeners, like a two-way radio.











Transmitter

Receivers

To set Push to Talk (PTT) options, navigate to Settings > Basic Settings > Preferences > Paging/PTT Config.

Task	Description/Function	
Make a PTT broadcast	Press and hold the Talk button. Wait for the PTT transmit alert and then speak into the microphone. The screen will display an active PTT cell.	
Answer a PTT broadcast	Press and hold the Talk button during the 10-second wait period.	
End a wait period	Press the End key.	
Select a different PTT channel	Press and release the Talk button. Use the ▲ and ▼ keys to highlight the desired channel. Press OK to select.	
Hear a PTT broadcast while on a phone call	Place the telephone call on hold. Now you can hear the PTT broadcast.	
End a PTT broadcast	Press the $\ensuremath{\text{End}}$ key to exit the PTT broadcast and close the session cell.	
Change the PTT volume	Press the up/down volume buttons on the side of the handset while transmitting or receiving a PTT broadcast.	
Start a telephone call during a PTT broadcast	Press the Start key and dial the number. PTT transmissions will not be heard during the telephone call.	
Answer a telephone call during a PTT broadcast	Press the Start key. PTT transmissions will not be heard during the telephone call.	
Turn off PTT	Disable PTT in the Settings menu accessed through the Settings icon on the Home screen.	

Additional PTT information is available in the User Guide.

Advanced Features

Use the Settings menus to take full advantage of the features available in your 84-Series handset. Explore these menus and discover how to optimize your handset's usability. Note that menu options will vary depending on the settings configured in your facility.

Basic Settings

Navigate to **Settings > Basic Settings** for the following configuration options:

- 1. Preferences
- 2. Backlight Intensity
- 3. Backlight Timeout
- 4. Notification Profiles
- 5. Login Credentials

- 6. Location Information
- 7. Update Configuration
- 8. Restart Phone
- 9. Bluetooth Settings
- 10. Hearing Aid Compatibility

Preferences

The first option on the Basic Settings menu is **Preferences**. Select it to access the following configuration options:

- 1. Language
- 2. Time and Date
- 3. Headset
- 4. Corporate Directory
- 5. Background
- 6. Screen Capture

- 7. Auto Answer
- 8. On-Hook dialing
- 9. Multi Key Answer
- 10. Presence
 - 11. Paging/PTT Configuration
 - 12. Calendar Settings



Some Options May Not Be Available

Some options may not be available in your facility.

Using the Barcode Reader

If your phone has a barcode reader, the barcode scanner is located at the top rear of the handset. It is used in conjunction with an on-board application or a PC-based application. See your system administrator or consult the *User Guide* for complete information.

Barcode reader Barcode reader scan button Barcode scan button Scanner LED Barcode symbol beam direction Barcode scan button Scanner LED Barcode symbol beam direction

Chargers

Five types of Chargers are available. Contact your system administrator if you need assistance with any of these options. The Dual Charger will charge the handset and a spare Battery Pack. The USB charger charges a single handset through the USB port on the right side of the handset. The Quad Charger can charge up to four Battery Packs at a time. The 12-Bay Multi-Charger is an assembly of three Quad Chargers and can charge up to 12 Battery Packs at the same time. The Speakerphone Dock charges the Battery Pack while also functioning as a hands-free device. Any Battery Pack for the Spectralink 84-Series Wireless Telephone

can be charged in any Spectralink 84-Series Charger.

Charging Icon

The charging icon on the handset indicates the charging status of the Battery Pack in the handset:



Battery Pack charging, handset in charger



Battery Pack fully charged, handset in charger

Contact your system administrator if you need additional charging devices.

Dual Charger



The Dual Charger is designed to charge the Battery Pack while keeping the handset operational. You can charge one Battery Pack by placing the handset in the front charging bay, and charge a second Battery Pack in the rear charging slot. While the handset is charging in standby mode, it will display the charging icon. When the handset is fully charged, the fully charged icon will display.

When the handset is fully charged or is removed, the Battery Pack in the rear slot will begin charging.



LED	Battery Pack charge	Handset charge
Blinking Charging		n/a
Solid green	Fully Charged	Properly seated
Off Not seated or empty		Not seated or empty

Note that the time it takes for the Battery Pack to charge will be lengthened if its charging cycle is interrupted by the placement of a handset in the front slot.

USB Charger



Plug the charger into a wall socket. Carefully open the hinged cover on the right side of the handset, near the bottom and plug in the USB cable. The charging icons will display as described above for the Dual Charger.

Quad Charger



The Quad Charger is used in facilities where other types of chargers are not efficient. The Battery Pack snaps into the charging slot. The LED above the occupied bay indicates the charging status of the Battery Pack in the bay. A flashing light indicates that the Battery Pack is charging. When the light is a steady green, the Battery Pack is fully charged. If the light is off, the bay is empty, the Battery Pack is not seated or there is no power to the bay.

12-Bay Multi-Charger

The 12-Bay Multi-Charger is an assembly of three Quad Chargers and is used in high-volume mobile environments. It is usually mounted on a wall in an accessible area. The LEDs above the charging bays operate as described for the Quad Charger.



Speakerphone Dock



The Speakerphone Dock combines the features of a speakerphone with the functionality of a charger and gives you all the features of the wireless handset while you are stationary. When the handset is placed in the Dock, audio comes through the speaker and may be adjusted with the volume buttons on the front. Use the speakerphone key to get a dial tone or end a call. The Speakerphone Dock operates as a charger for the handset and for a spare Battery Pack. Follow the instructions for using the Dual Charger.

Always be sure the handset has a Battery Pack in it before placing it in the Dock. The handset will malfunction if it is docked without a Battery Pack.



Online Reference

The Spectralink 8410 Speakerphone Dock Quick Start Guide is your complete reference for utilizing all of the features of the Speakerphone Dock.

Battery Packs





Extended Battery Pack

Your handset is powered by a removable Battery Pack that you will need to recharge periodically. You must fully charge your handset's Battery Pack before you use it for the first time. Depending on the type of charger you use, this might take several hours.

Туре	Talk Time	Standby Time	Charging Time*
Standard	8 hours	80 hours	3.5 hours typical*
Extended	12 hours	120 hours	5 hours typical*
			*Using the Quad Charger

the 12-Bay Charge



Battery Packs

For optimal Battery Pack performance, fully charge your handset's Battery Pack before you use it for the first time.



Warning

Do not remove the Battery Pack to power off the handset. Log off or power off the handset and then remove the Battery Pack if you need to replace it.

Battery Pack Removal and Replacement

To remove the Battery Pack, slide the latch up. The Battery Pack releases outward



To replace, slide the tab of the Battery Pack into the bottom slot of the handset cavity. Gently press the top of the Battery Pack until it snaps into place. The Battery Pack should snap into position with minimal pressure, as shown next.



Notice For Spectralink 84-Series Wireless Telephone Users

OFFER for Source for GPL and LGPL Software

You may have received a Spectralink 84-Series handset from Spectralink that contains—in part—some free software (software licensed in a way that allows you the freedom to run, copy, distribute, change, and improve the software).

A complete list of all open source software included in the Spectralink 84-Series handset, as well as related license and copyright information, is available at http://support.spectralink.com.

You may also obtain the same information by contacting Spectralink by regular mail or email at the addresses listed at the bottom of this notice

For at least three (3) years from the date of distribution of the applicable product or software, we will give to anyone who contacts us at the contact information provided below, for a charge of no more than our cost of physically distributing, the items listed in "Spectralink OFFER of Source for GPL and LGPL Software", which is available at http://support.spectralink.com.

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