

Broadcast Messaging

SPECTRALINK 7000 PORTFOLIO

Does security, accessibility and efficiency matter in your organization? Broadcast messaging enables you to notify your entire workforce with one message and adds value to a variety of vertical markets, such as Manufacturing, Healthcare and Retail.

Broadcast Messaging Overview

What is Broadcast Messaging?

Broadcast messaging is communication between one sender and a number of recipients. Broadcast messaging enables you to deliver information to a large number of recipients at the same time — i.e. all employees can instantly be notified of a fire alarm or be summoned for a company meeting.

Spectralink Broadcast Messaging

Spectralink broadcast messaging is a one-way message that can be sent to a specified group of handsets, or to all handsets in your system simultaneously. When using Spectralink broadcast messaging your message can be transmitted as either a text message of maximum 19 characters or as a color icon including a short explanatory text. Depending on the application, the broadcast message can also be an alarm call, an emergency call, or a fire alarm.

On the Spectralink handsets, broadcast messaging is facilitated by the Long Broadcast feature, which is supported by the entire Spectralink 7000 Portfolio. Please note, only the Spectralink 76- and 77-Series support broadcast messaging with icons.

Broadcast Messaging Supported on Spectralink Handsets		Broadcast Messaging Supported Spectralink Base Stations and Repeaters		Broadcast Messaging Supported on Spectralink DECT Servers	
Handset	Software Version	Base Station	Software Version	Server	Software Version
Butterfly Series	Text: 12Ta or newer Icons: Not supported	Spectralink DECT Base Station	All versions	Spectralink IP-DECT Server 400	Text: All versions Icons: All versions
74-Series	Text: 06Qd or newer Icons: Not supported	Spectralink IP-DECT Base Station	All versions	Spectralink IP-DECT Server 6500	Text: All versions Icons: All versions
7520 handset	Text: 05Aa or newer Icons: Not supported	Repeater	Software Version	Spectralink DECT Server 2500	Text: All versions Icons: 03K_ or newer
7540 handset	Text: All versions Icons: Not supported	Spectralink DECT Repeater	27A or newer	Spectralink DECT Server 8000	Text: All versions Icons: 03K_ or newer
76-Series	Text: All versions Color icons: 07Aa or newer				
77-Series	Text: All versions Color icons: 07Aa or newer				

Broadcast Messaging Scenarios and Capacity

Who Can Use Broadcast Messaging?

Broadcast messaging can support and complement the needs of a wide range of employees in different workplaces and situations where security and immediate reaction are of high importance, i.e. personnel in prisons, secure institutions, hospitals, nursing homes, retail stores, and manufacturing companies. The fact that the message is sent simultaneously to all employees security, accessibility, and efficiency are increased for your staff.

System Capacity

In order not to overload your system, it is recommended to set a maximum number of broadcast messages to be sent per minute. Spectralink recommends the following settings for our wireless DECT Servers.

Broadcast Messaging Capacity	
Spectralink Server	Max. no. of broadcast messages per minute
Spectralink IP-DECT Server 400	20 broadcast messages
Spectralink IP-DECT Server 6500	20 broadcast messages
Spectralink DECT Server 2500	20 broadcast messages
Spectralink DECT Server 8000	20 broadcast messages

There is no limit to the number of handsets that can receive broadcast messages simultaneously. Yet, it is only recommended to use broadcast messaging to a larger group of recipients. Sending a broadcast message initiates the search function on all Base Stations, which uses much more system capacity than a direct message. Thus, it is recommended to use direct messaging, rather than broadcast messaging, when sending a message to a few handsets.

Broadcast Messaging Handset Management

Configuring Broadcast Messaging

In order to receive broadcast messages, it is necessary to define and configure the different broadcast group numbers in the handsets. With the Spectralink Handset Management Program, you can create, update, and delete broadcast groups in each handset. It is possible to define up to 16 groups per Spectralink handset.

The following software versions of the Spectralink Handset Management Program support management of broadcast messaging:

Spectralink Handset Management Program	
Handset	Software Version
Spectralink Butterfly Series	12.1.0.3 or newer
Spectralink 74-Series	2.8.3.54 or newer
Spectralink 75-Series	1.2.2.17 or newer
Spectralink 76-Series	1.2.2.17 or newer
Spectralink 77-Series	1.2.2.17 or newer

In order to use broadcast messaging on the Spectralink DECT handsets, a third-party application is needed.

Broadcast Messaging supports the following Spectralink solutions:

- DECT system (Infrastructure elements and handsets)
- Open application interface (Broadcast Messaging)
- Easy integration with existing solution

Broadcast Messaging does not support:

- Third-party applications
- Input/output interface for the application
- System to run the application

Learn More

Learn what Spectralink wireless telephones can do for your organization. Visit us at spectralink.com or contact your Spectralink representative.

About Spectralink

Spectralink, a global leader in wireless solutions, solves the everyday problems of mobile workers through technology, innovation and integration that enable them to do their jobs better. By constantly listening to how customers move through their workdays, Spectralink is able to develop reliable, enterprise-grade voice and data solutions and deliver them through a powerful, durable device.

Spectralink
2560 55th Street
Boulder, Colorado 80305
USA
+1 303 441-7500
info@spectralink.com

Spectralink Europe ApS
Langmarksvej 34
8700 Horsens
Denmark
+45 7560 2850
infodk@spectralink.com