

## 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 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 or 55 characters or as a color icon including a short explanatory text depending on the application.



**Note:**

Only Spectralink Handsets 7622/7642/7722/7742 support broadcast messaging with icons.

Depending on the application, the broadcast message can also be an alarm call, an emergency call, or a fire alarm.

### Broadcast Messaging Support Matrix

MSF Format	Functions	DECT Servers	Base Stations	Handset Models
MSF II	Broadcast Messages (19 Characters)	DECT Server 2500/8000 IP-DECT Server 200/400/6500	IP-RFP/RFP5/RFP6 Broadcast on RFP 4 requires firmware PCS11	7202/7212 7522/7532 7502 7622/7642 7722/7742 Butterfly
MSF III	Broadcast Messages (55 Characters) Advanced color icon Support	DECT Server 2500/8000 IP-DECT Server 200/400/6500	IP-RFP/RFP5/RFP6 Broadcast on RFP 4 requires firmware PCS11.	7622/7642 7722/7742

## Components Supporting Broadcast Messaging

Following Spectralink solution components support broadcast messaging:

Broadcast Messaging Supported on Spectralink Handset	
Handset	Software Version
Spectralink Handset 7202/7212	Text (MSF II): All versions Icons: Not supported
Spectralink Handset 7502	Only very basic messaging. Icons: Not supported
Spectralink Handset 7522/7532	Text (MSF II): All versions Icons: Not supported
Spectralink Handset 7622/7642	Text (MSF II/MSF III): All versions Icons: Supported
Spectralink Handset 7722/7742	Text (MSF II/MSF III): All versions Icons: Supported
Spectralink Handset Butterfly	Text: 12Ta or newer Icons: Not supported

Broadcast Messaging Supported on Spectralink IP-DECT/DECT Base Stations	
Base Station	Software Version
Spectralink Digital DECT Base Station	All versions
Spectralink IP-DECT Base Station	All versions

Broadcast Messaging Supported on Spectralink DECT Repeater	
Repeater	Software Version
Spectralink DECT Repeater	27A or newer

Broadcast Messaging Supported on Spectralink DECT Servers	
Server	Software Version
Spectralink DECT Server 2500	Text (MSF II): All versions Icons: 03K_ or newer
Spectralink DECT Server 8000	Text (MSF II): All versions Icons: 03K_ or newer

## System Broadcast Messaging 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 Spectralink DECT Servers.

Broadcast Messaging Capacity	
Server	Max. no. of broadcast messages per minute
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. However, it is only recommended to use broadcast messaging to a larger group of recipients.

Sending a broadcast message initiates the search function on all Spectralink IP-DECT/DECT 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 Handset and Repeater Management Tool, you can create, update, and delete broadcast groups in each handset. It is possible to define up to 16 groups per Spectralink DECT Handset.

For more information, see Handset and Repeater Management Tool User Guide.

### Third-Party Application

In order to use broadcast messaging on the Spectralink DECT Handsets, a third-party application is needed. For more information contact one of Spectralink's AIMS partners.