

Introduction

The user can trigger an alarm by pressing the **RED** alarm (**SOS**) key, the following triggers are supported.

- Short press
- Long press
- Multiple press (Upcoming)

Function Key Timing

The short/long press timing can be configured. Menu: **Additional Features - Alarm configuration - Function Key Timing**

- **Short press:** 0 - 400 ms. (step 100ms.)
- **Long press:** 1000 - 3000 ms. (step 500 ms.)

Important

To be able to use the RED alarm key:

The alarm mode has to be [configured](#) and activated:

- [Basic mode](#), is the call based mode where an alarm server is not required
- [Alarm mode](#), needs an certified alarm server
- [PNG mode](#), needs an certified alarm server

When the **Basic** mode is enabled then Alarm notifications are Call-based:

1. Alarm calls (VoIP)
 - a. Manual Alarm
 - b. Man down Alarm
 - c. Non Movement Alarm
 - d. Escape Alarm
 - e. Time Alarm
2. Up to 3. destinations (VoIP calls)
 - a. Destination can be:
 - i. Group call with multiple members (PBX group)
 - ii. Call to a single device

3. To avoid answer by none humans, a message is played:

"This is an emergency call. To accept this call press 5"

The human needs to press "5" to answer the call (Inband DTMF)

4. In case there is no answer, then the next destination is dialed (Calling timer)
5. When all configured alarm destinations do not answer start again x times (Call retry counter)
6. There is no Alarm server connected to Nx70
7. Can be used also behind non-Gigaset DECT systems

Alarm types


The number of available alarm types depends on the configuration of the alarm server and handset. The handset can detect various operating states, from which alarm situations can develop. If the handset detects this type of situation, a pre-alarm is triggered (if a pre-alarm is configured). If this pre-alarm is not cancelled by the handset user, the handset triggers a call for help.

Manual Alarm	The handset user triggers a manual call for help by pressing the alarm button.
No-Motion Alarm	The handset does not register any movement and automatically triggers a call for help.
Man-Down Alarm	The handset registers a fall (man down) and triggers a call for help.
Time Alarm	The handset does not register any pressure from the prescribed button in a specified period of time and automatically triggers a call for help.
Escape Alarm	The handset registers rapid movements (escape) and triggers a call for help.

Use as a Bluetooth beacon

The Gigaset N870 IP PRO can be used as a Bluetooth beacon. It can therefore be used in systems in which BLE (Bluetooth Low Energy) is used for communication, such as for localising the device, asset tracking, use in an alarm system.

The Beacon function is activated and set up by an Administrator. Which function the handset assumes here is dependent on the system in which it is used.

When the Beacon function is enabled on the handset, the  icon is shown in the status bar.

For further information, contact your Administrator.

Alarm configuration

The alarm function may only be configured by an administrator or service personnel.

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The configuration of the alarm function is blocked by a service PIN for all other users.

The administrator can configure the following options on the handset:

Keypad locked	The administrator can configure whether the alarm key is also locked when the key lock is active.
Response Time	The administrator can configure the response time that the handset allows as a margin before an automatic alarm is triggered.
Pre-Alarm	The administrator can configure pre-alarms that announce an automatic alarm. In the event of an incorrect pre-alarm, the handset user can cancel the automatic alarm.
Alarmierung	The administrator can configure the type of signalling (melody / vibration / silent alarm).
Technical Warning	The administrator can configure how the handset behaves in the event of a technical malfunction (low battery level, distance from the base too great, no connection to the alarm server) and which signalling is used in the event of a technical malfunction.
Sensors test	The administrator can adjust the sensors used to detect an alarm situation.
Reset to defaults	The administrator can reset the configuration of the alarm function on the handset to the default settings.
Service PIN	The administrator can set the service pin that opens the menu Alarm Configuration so that changes can be made to the configuration.



Manual alarm



Man down alarm



Escape alarm



Non movement alarm



Time alarm

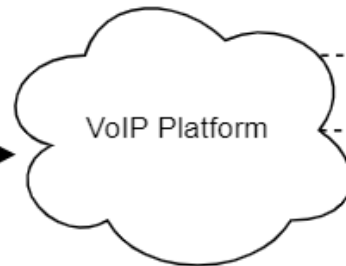
"Sending emergency call"



→ DECT →



→ VoIP →



"This is an emergency call
To accept this call press 5"



Alarm destinations



Destination 1

↳ No answer/accept
(Timer)



No answer - Destination 2

↳ No answer/accept
(Timer)



No answer - Destination 3

No answer:
Call attempt
counter
(default 15)