

How to send a text message to the phone and make it appear on the display

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Answer

i **Please note:** this article describes the "classic" way of sending text messages to the idle screen. A more modern / recently implemented feature is not limited to idle screen and provides a lot more options like message queue and multiline and Icon support. Please do not miss to review this as well: [Notifications via Infobox](#)

Text messages (desktop messages) to the idle screen of a Snom deskphone, follow these steps:

1. Configure the following settings on the phone's web interface:

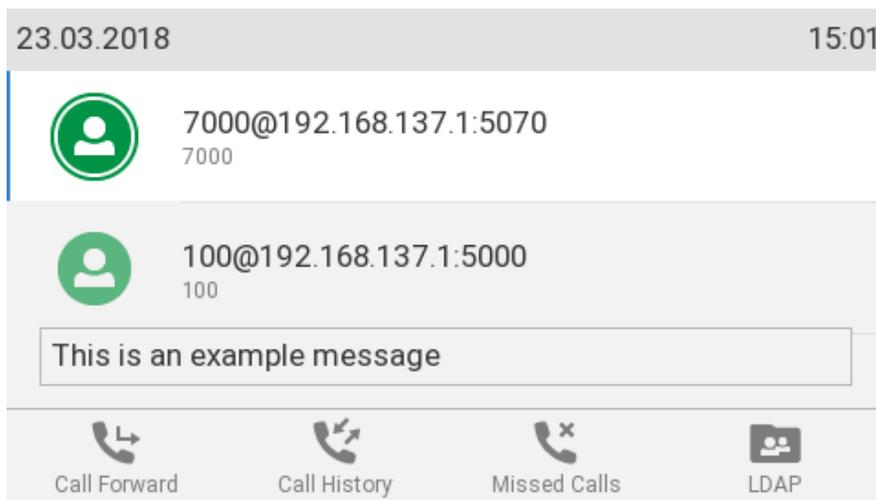
i `Support broken Registrar` to "on"
`Filter Packets from Registrar` to "off"
`Network identity (port):` 5060
`Clear Desktop Message on Cancel` --> "off" -> message stays permanently --> "on" -> message can be deleted via "Cancel" key

Also configure an admin password and a http password. If the phone does not have an admin password and http password, the status bar will display the warning messages "**Admin Password not set**" and "**HTTP Password not set**" and these will have priority over any other messages.

2. Re-boot (!!) the phone but do NOT reset it!
3. Set up at least one identity (e.g. **486**@mypbx) on the phone and select it as outgoing identity.
4. Install SIPSAK on any computer in your network (Linux/ Windows versions available) and enter the following command. Note that the extension must match the one that the phone currently has configured (e. g. **486**):
`sipsak -i -M -B "This is an example message" -s sip:486@phoneIP`
5. **Result:** The message "This is an example message" will be displayed depending on the phone type.

Here are some examples:

- a. Example D375:



b. Example D745:



Troubleshooting

- See the SIP trace in order to check if the SIP message has reached the phone e.g.:
MESSAGE sip:493@phoneIP:5060;...
- The message is sent to a specific identity on the phone, e.g., sip:493@phoneIP therefore the phone must be set to that identity before (!!)
--> The message can be matched then and the phone answers "**200 OK**" otherwise "**404 Not Found**"

i **Note:** Starting from firmware V6, it is also possible to show special messages for a particular call as long as the Call-Id matches the current call.
An example of that MESSAGE method would be:

```
MESSAGE sip:153@192.168.1.110:3387 SIP/2.0
```

Example of SIP flow

Received from udp:10.0.5.30:4325 at 23/10/2009 17:37:35:305 (334 bytes):

```
MESSAGE sip:440@10.0.0.174 SIP/2.0
Via: SIP/2.0/UDP 10.0.5.30:4324;branch=z9hG4bK.6595ca81;rport:alias
To: sip:440@10.0.0.174
Call-ID: 868689509@10.0.5.30
CSeq: 1 MESSAGE
Content-Type: text/plain
Max-Forwards: 70
User-Agent: sipsak 0.9.5
From: sip:sipsak@10.0.5.30:4324;tag=33c72665
Content-Length: 26
```

This is an example message

Sent to udp:10.0.5.30:4324 at 23/10/2009 17:37:35:311 (228 bytes):

```
SIP/2.0 200 Ok
Via: SIP/2.0/UDP 10.0.5.30:4324;branch=z9hG4bK.6595ca81;rport=4325;alias
From: sip:sipsak@10.0.5.30:4324;tag=33c72665
To: sip:440@10.0.0.174
Call-ID: 868689509@10.0.5.30
CSeq: 1 MESSAGE
Content-Length: 0
-----
```

! Further Information

- [VoIP Essentials](#)
 - [Visit the Snom Forum](#)
 - [Open a support ticket](#)
 - [Find a local partner](#)
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Related articles

- [How to send a text message to the phone and make it appear on the display](#)