



Push to talk

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### **Network services**

To use the phone you must have service from a network service provider. Many of the features require special network features. These features are not available on all networks; other networks may require that you make specific arrangements with your service provider before you can use the network services. Your service provider can give you instructions and explain what charges will apply. Some networks may have limitations that affect how you can use network services. For instance, some networks may not support all language-dependent characters and services.

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Refer to the user guide for other important information about your device.



# Push to talk

Push to talk (PTT) (network service) is a real-time voice over IP service implemented over a packet data network. Push to talk provides direct voice communication connected with the push of a key. Use push to talk to have a conversation with one person or with a group of people.

Before you can use push to talk, you must define the push-to-talk access point and push-to-talk settings. You may receive the settings in a special text message from the service provider that offers the push-to-talk service. You can also use **Settings wizard** for configuration, if supported by your network service provider. For more information on **Settings wizard**, see the guides available at the Nokia N77 product support pages at [www.nokia-asia.com/N77/support](http://www.nokia-asia.com/N77/support) or your local Nokia website.

Press , and select **Tools > PTT**.

In push-to-talk communication, one person talks while the others listen through the built-in loudspeaker. Speakers take turns responding to each other. Because only one group member can talk at any time, the maximum duration of a speech turn is limited. The maximum duration is

usually set to 30 seconds. For details of the speech turn duration for your network, contact your network service provider.



**Warning:** Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

Phone calls always take priority over push-to-talk activities.

## Define a push-to-talk access point

Many service providers require you to use an internet access point (IAP) for your default access point. Other service providers allow you to use a WAP access point. Contact your service provider for more information.

If you do not have a WAP connection, you may need to contact your service provider for assistance with the first-time connection or visit [www.nokia-asia.com/phonesettings](http://www.nokia-asia.com/phonesettings).

## Push-to-talk settings

Press , and select **Tools > PTT > Options > Settings**.

Select **User settings**, and enter the following information:

**Incoming PTT calls**—Select **Notify** if you want to see a notification of incoming calls. Select **Auto-accept** if you want PTT calls to be answered automatically. Select **Not allowed** if you want push-to-talk calls to be rejected automatically.

**PTT call alert tone**—Select **Set by profile** if you want the incoming call alert setting for push to talk to be the same as the incoming call alert tone defined in the prevailing active profile.

**Callback request tone**—Select a tone for callback requests.

**Application start-up**—Select if you want to log in to the push-to-talk service when you switch on your device.

**Default nickname**—Enter your default nickname that is displayed to other users. Your service provider may have disabled the editing of this option in your device.

**Show my PTT address**—Select **In 1 to 1 calls**, **In group calls**, **In all calls**, or **Never**. Your service provider may have disabled some of these options in your device.

**Show my login status**—Select **Yes** if you want your status to be shown or **No** if you want your status to be hidden.

Select **Connection settings**, and enter the following information:

**Domain**—Enter the domain name obtained from your service provider.


**Access point name**—Enter the push-to-talk access point name. The access point name is needed to establish a connection to the GSM/GPRS network.

**Server address**—Enter the IP address or domain name of the push-to-talk server obtained from your service provider.

**User name**—Enter your user name obtained from your service provider.



**Password**—Enter a password, if required, to make a data connection. The password is usually provided by the service provider and is often case-sensitive.

## Log in to push to talk

Press , and select **Tools > PTT**. Push to talk automatically logs in to the service when started.

When log in is successful, push to talk automatically connects to channels that were active when the application was last closed. If the connection is lost, the device automatically tries to log back in until you choose to exit push to talk.



## Exit push to talk



Press , and select **Tools > PTT > Options > Exit. Switch Push to talk off after exiting application?** is displayed. Select **Yes** to log out and close the service. Select **No** if you want to keep the application active in the background. If several applications are open and you want to switch from one application to another, press and hold .

## Make a one-to-one call

Select **Options > PTT contacts**.

Select the contact you want to talk to from the list and **Options > Talk 1 to 1**.



Press and hold  the entire time you are talking. When you have finished talking, release .

To talk to the contact, press and hold  also in other views, for example, the contacts view. To make a new phone call, first end the one-to-one call. Select **Disconnect** or press .



**Tip!** Remember to hold the device in front of you during a push-to-talk call so you can see the display. Speak towards the microphone, and do not cover the loudspeaker with your hands.

## Answer a one-to-one call

Press  to start a one-to-one call or  to dismiss the call.



**Tip!** You can make a one-to-one or group call also from **Contacts**. Select **Options > PTT Options > Create 1 to 1 call** or **Create group call**.

## Make a group call

To call a group, select **Options > PTT contacts**, mark the contacts you want to call, and select **Options > Make PTT group call**.

## Subscribe to login status of others

To subscribe or unsubscribe to the push-to-talk login status of others, select **Options > PTT contacts**, the contact, and **Options > Show login status** or **Hide login status**.

## Send a callback request

In **PTT contacts**, scroll to the desired name, and select **Options > Send callback request**.

## Respond to a callback request

When someone sends you a callback request, **1 new callback request** is displayed in the standby mode. Select **Show** to open **Callback inbox**. Select a contact and **Options > Talk 1 to 1** to start a one-to-one call.

## Channels

You can join public preconfigured channels. Public channels are open to anyone who knows the URL for the channel.

When you are connected to a channel and talk, all members joined to the channel hear you talking. Up to five channels can be active at the same time. When more than one channel is active, select **Swap** to change the channel you want to talk to.

Select **Options > PTT channels**.

To connect to a public preconfigured channel for the first time, select **Options > New channel > Add existing**. When you join a preconfigured channel, you must fill in a URL for the channel.

## Create your own channels

To create a new preconfigured channel, select **Options > New channel > Create new**.


You can create your own public channels, choose your own channel name, and invite members. Those members can invite more members to the public channel.

You may also set up private channels. Only users invited by the host are allowed to join and use private channels.




For each channel, define **Channel name**, **Channel privacy**, **Nickname in channel**, and **Channel thumbnail** (optional).


When you have successfully created a channel, you are asked if you want to send channel invitations. Channel invitations are text messages.


## Talk to a channel


To talk to a channel after you log in to the push-to-talk service, press . You hear a tone indicating that access is granted.

Continue to press and hold  the entire time you are talking. When you finish talking, release .

If you try to respond to a channel by pressing  while another member is talking, **Wait** is displayed. Release , wait for the other person to finish talking, and press .

again when the speaker has finished. Alternatively, keep  pressed and wait for **Talk** to be displayed.

When you are talking in a channel, the first person to press  when someone stops talking talks next.

When you have finished the push-to-talk call, select **Disconnect** or press .

To view currently active members of a channel when you have an active call to the channel, select **Options > Active members**.

To invite new members to a channel when you are connected to it, select **Options > Send invitation** to open the invitation view. You can only invite new members when you are the host of a private channel, or when the channel is a public channel. Channel invitations are text messages.


## Respond to a channel invitation


To save a received channel invitation, select **Options > Save PTT channel**. The channel is added to your push-to-talk contacts, channels view.

After you save the channel invitation, you are asked if you want to connect to the channel. Select **Yes** to open the push-to-talk sessions view. Your device logs in to the service if you are not logged in already.

If you reject or clear the invitation, the invitation is stored in your messaging inbox. To join the channel later, open the invitation message, and save the invitation. Select **Yes** from the dialog to connect to the channel.

## View the push-to-talk log

Press , and select **Tools > PTT > Options > PTT log**. The log contains the following folders: **Missed calls**, **Received calls**, and **Created calls**.

To start a one-to-one call from **PTT log**, press .