NOKIA
Nseries

Push to talk

Nokia N76-1

© 2007 Nokia. All rights reserved.

Nokia, Nokia Connecting People, Nseries, Navi, and N76 are trademarks or registered trademarks of Nokia Corporation. Other product and company names mentioned herein may be trademarks or tradenames of their respective owners.

Nokia operates a policy of ongoing development. Nokia reserves the right to make changes and improvements to any of the products described in this document without prior notice.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, UNDER NO CIRCUMSTANCES SHALL NOKIA OR ANY OF ITS LICENSORS BE RESPONSIBLE FOR ANY LOSS OF DATA OR INCOME OR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES HOWSOEVER CAUSED.

THE CONTENTS OF THIS DOCUMENT ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAW, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS DOCUMENT. NOKIA RESERVES THE RIGHT TO REVISE THIS DOCUMENT OR WITHDRAW IT AT ANY TIME WITHOUT PRIOR NOTICE.

The availability of particular products and applications and services for these products may vary by region. Please check with your Nokia dealer for details, and availability of language options.

Some operations and features are SIM card and/or network dependent, MMS dependent, or dependent on the compatibility of devices and the content formats supported. Some services are subject to a separate charge.

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

Copyright © 2007 Nokia. All rights reserved.

Push to talk

Push to talk (PTT) (network service) is a real-time voice over IP service implemented over a GSM/GPRS 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 the **Sett. wizard** application for configuration, if supported by your service provider. For more information on the application, see the guides for your device at www.nseries.com/support or your local Nokia website.

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

Push to talk settings

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

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

Copyright © 2007 Nokia. All rights reserved.

Accepted list calls—Select **Notify** if you want to see a notification of incoming calls. Select **Auto-accept** if you want push to talk 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.

PTT 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** > **Connectivity** > **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** > **Connectivity** > **PTT** > **Options** > **Exit**. **Log out from PTT after exiting application?** is displayed. Press **Yes** to log out and close

Copyright © 2007 Nokia. All rights reserved.

the service. Press **No** if you want to keep the application active on 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** > **Contacts**.

Select the contact you want to talk to from the list and select **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 in the **Push to talk** application, 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** > **Talk 1 to 1** or **Talk to many**.

Make a group call

To call a group, select **Options** > **Contacts**, mark the contacts you want to call, and select **Options** > **Talk to many**.

Subscribe to login status of others

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

Send a callback request

In **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 standby mode. Press

Copyright © 2007 Nokia. All rights reserved.

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 an 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**, and **Thumbnail** (optional).

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

Talking 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 .

Copyright © 2007 Nokia. All rights reserved.

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

You can also 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 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** > **Connectivity** > **PTT** > **Options** > **PTT log**. The log contains the following folders: **Missed PTT**, **Received PTT**, and **Created PTT**.

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

Copyright © 2007 Nokia. All rights reserved.