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Nuance Accessibility Suite:  
Nuance TALKS and Nuance ZOOMS  
For Series 60 Phones

User Guide



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# 1 Introduction

## 1.1 What is Series 60?

Today's mobile phones let you do much more than just placing phone calls or sending short text messages (SMS). They usually have an appointment calendar, a to-do list, an e-mail program, a WAP browser, and other features. And they may even come with a built-in camera, a radio, or an MP3 player.

Nokia has developed Series 60 to provide a common groundwork for smartphones that meet such requirements and licenses it to other mobile phone manufacturers, saving them from having to reinvent the wheel and enabling them to concentrate on design or application features that make their devices unique.

The model name of a phone is not an indication of whether the phone is based on the Series 60 platform. For example, the Nokia 6xxx models are not necessarily Series 60 phones. You can find a list of available and planned Symbian phones at <http://www.symbian.com/phones>.

Most phones that are labeled *Series 60* can work with the Nuance Accessibility Suite for Series 60. Other versions of the Accessibility Suite software support the Nokia Communicator phones. To find out which phones the Nuance Accessibility Suite supports or where you can buy them, have a look at the Nuance web pages at <http://www.nuance.com/talks>.

## 1.2 What is the Nuance Accessibility Suite for Series 60?

The Nuance Accessibility Suite for Series 60 consists of two software modules for Series 60 mobile phones: TALKS, a screen reader, and ZOOMS, a screen magnifier. TALKS and ZOOMS enable a blind or visually impaired person to use most of the functions of their phones. With the Accessibility Suite software and a supported Series 60 phone, you can:

- Read the caller ID of an incoming call
- Dial a number from the phone's Contacts directory
- Add new entries to or edit existing entries in the Contacts directory
- Read and write text messages (SMS)
- Access and compose multimedia message service (MMS) messages
- Read and write e-mail
- Use the Nokia browser to access the Internet
- Change your phone's profiles and other settings
- Use the appointment calendar
- Read and write notes
- Read the PIN entry prompt and information resulting from special phone commands, such as **\*#06#** to display a phone's IMEI number, or **\*#0000#** to show the firmware version
- Use the Wayfinder GPS navigation software
- Use the unit converter, world and alarm clock, and other tools

In addition, users of the Premium Edition of the Nuance Accessibility Suite can add the pronunciation of unfamiliar words to the software and can add audio labels to icons in third-party applications.

The Nuance Accessibility Suite for Series 60 uses the ETI Eloquence text-to-speech software, like other screen-reading packages, so you should feel familiar with the voice right away. And the software is easy to

operate, so you can concentrate on getting the most out of your Series 60 phone instead of worrying about complicated commands for the screen reader or magnifier.

### 1.3 Terminology and conventions in this guide

The following terms appear throughout this user guide:

- **Contacts directory:** The phone book in your mobile phone. In the Contacts directory, you enter your contacts' names and phone numbers.
- **Focused:** A term that the Nuance Accessibility Suite software uses to indicate which screen element is currently selected or in focus
- **Joystick:** A five-way button that enables you to navigate through menus and select menu items. To navigate, move the joystick up, down, left, or right. To select an item, press the center of the joystick. In some phones, this key is called the scroll key.
- **[Long <key name>]:** An abbreviation for "long press." A long press is the action of pressing a key and holding it for about a second before releasing it.
- **Soft key:** A key that is located just below the display and varies in function. A soft key's function depends on the label that appears in the display just above the soft key—for example, **Menu**, **Options**, **Select**, or **Cancel**. Series 60 phones have two soft keys, one on the left and one on the right.

Please note the following formatting conventions:

- Brackets indicate a key on the keypad. For example, **[\*]** refers to the key labeled with an asterisk on the phone's keypad. For a soft key, the guide gives the key name in square brackets followed by the software label in parentheses (the label that appears in the display), as in this example:  
To open the menu, press **[Key 1] (Options)**.
- A bold font indicates the name of a key or a software element, as in the following examples:
  - ❑ To send a text message, open the main menu and select **Messaging**.
  - ❑ To switch profiles, briefly press the **[Power]** key.
  - ❑ To close the window, press **[Key 1] (OK)**.
- A sequence of two keys separated by a comma (**[Key], [Key]**) indicates that you should press the first key, release it, and then press the second key. Such sequences usually occur with the **[TALKS]** key, as in this example:  
To hear a phrase again, press **[TALKS], [#]**.

## 2 Getting started with your phone and the Nuance Accessibility Suite

This chapter explains briefly how to use Series 60 phones and describes a few basic operations to help you start using TALKS on your phone (for a description of the buttons and keypads of several Series 60 phones, see the Appendix). This chapter is not at all meant as a substitution for the user guide that came with your phone.

### 2.1 The keypad

The various Series 60 phones have many of the same keys. Among these are two “soft” keys, which are located below the display. A soft key varies in function; it performs the function described in the label that appears above it in the display. In this guide, the left soft key is called **[Key 1]**, and the right soft key is called **[Key 2]**.

Table 1 briefly describes the functions of common keys on Series 60 phones. Your phone may have additional special keys and some different features, but the table should give you a useful overview.

Table 1

Key	Description
<b>[Key 1]</b>	<p>This key is the left soft key; its function varies according to the label just above it. <b>[Key 1]</b> often opens an <b>Options</b> list or enables you to select a setting or menu item. In the phone application, <b>[Key 1]</b> acts as a shortcut for starting one important application.</p> <p>When you press <b>[Key 1]</b> and then immediately press <b>[*]</b>, the keypad becomes locked, which TALKS announces. If you press a key while the keypad is locked, the phone does not respond. To unlock the keypad, press the same sequence: <b>[Key 1]</b> and then <b>[*]</b>.</p>
<b>[Key 2]</b>	<p>This key is the right soft key; its function varies according to the label just above it. <b>[Key 2]</b> often enables you to cancel an action or close an application or settings window. In the phone application, <b>[Key 2]</b> acts as a shortcut for a second application.</p> <p>To call a number by saying its voice tag, press <b>[Key 2]</b> and hold it briefly before releasing it.</p>
<b>[Call]</b>	<p>Press this key to dial a phone number that you have entered in the phone by speaking, using the keypad, or selecting a contact (currently displayed on the screen). If you don't enter a number, the <b>[Call]</b> key opens a list of your recently called numbers so that you can select one to call. When you enter an SMS, MMS, or e-mail message, use this key to send the message.</p>
<b>[Exit]</b>	<p>Press this key to terminate a phone call that is in progress. The key also acts as a shortcut that takes you straight to the phone application.</p>

Key	Description
<b>[Edit]</b>	<p>Since the <b>[Edit]</b> key provides some of the least used functions (opening the <b>Edit</b> menu in a text field and enabling you to select blocks of text), the Nuance Accessibility Suite software uses this key as the activation key for screen-reading functions. This guide refers to the key as the <b>[TALKS]</b> key.</p> <p>To select a block of text or items in a list, press the <b>[TALKS]</b> key, press it again (you hear “TALKS Edit”), and hold it down while you move the joystick in the appropriate direction.</p>
<b>[Clear]</b>	Press this key to backspace in any text field. When a list of messages or files is displayed, you can often use this key to delete the currently selected item.
<b>[1], [2], ... [9]</b>	You can use these keys to enter a phone number in the phone application. If you press a numeric key and hold it briefly (a “long” press), the phone application uses the speed-dialing feature to call a number that you have predefined. In other applications, the numeric keys enable you to enter letters, digits, and punctuation marks.
<b>[0]</b>	Press this key to enter a zero in the phone application. To activate the WAP browser from the phone application, press the <b>[0]</b> key and hold it briefly. In other applications, you can press this key to enter a space or start a new paragraph.
<b>[Select]</b>	<p>Series 60 phones have a five-way button, called a joystick, for navigating through menus and selecting items. To select an item, press the center of the joystick straight down. This guide uses the term <b>[Select]</b> for the center of the joystick.</p> <p>The <b>[Select]</b> key enables you to quickly select a menu item, open a message, and so on, instead of selecting the same action from the <b>Options</b> menu of an application. In the phone application, <b>[Select]</b> is a shortcut for starting the Contacts program, so there is no need to assign this program to one of the two soft keys. Some Series 60 phones let you assign any application to the <b>[Select]</b> key.</p>
<b>[*]</b> <i>(Asterisk)</i>	Press this key to enter a star in the phone application. For instance, you can enter <b>*#06#</b> to display the IMEI number of a given phone. In text fields, you can use <b>[*]</b> to enter punctuation or special characters and to select from alternative matches in the T9 dictionary. Press <b>[*]</b> twice in rapid succession to enter a plus sign (+) in a phone number.
<b>[#]</b> <i>(Number sign)</i>	In a text field, press this key to switch between upper case and lower case and to turn the T9 dictionary on and off. Press and hold <b>[#]</b> briefly to switch between the alphanumeric (letters and numbers) and numeric entry modes. Special commands in the phone application also require this key—for instance, in the sequence <b>*#0000#</b> , which displays the version number of the firmware.
<b>[Up]</b> <b>[Down]</b> <b>[Left]</b> <b>[Right]</b>	<p>Navigate through menus by moving the joystick upward, downward, to the left, or to the right. This guide refers to the four positions of the joystick as <i>navigation keys</i>. The navigation keys enable you to perform actions such as moving the cursor in a text field and scrolling through a list or menu.</p> <p>Some Series 60 phones let you assign an application to each of these keys.</p>

Key	Description
[Menu]	The [Menu] key calls up the phone's main menu, from which you can start applications, designate the order of the applications in the menu, and move applications to a different folder. To see a list of the active applications, to switch to a different one, or to close an application, press and hold [Menu].
[Power]	Press this key briefly to select another profile, lock the keypad, lock the phone against unauthorized access, or turn off the phone. To turn off the phone quickly, press and hold this key.

## 2.2 Making a call

You can make a call in two ways—by entering the phone number or by selecting a name from the Contacts directory (phone book).

### To make a phone call by entering a number:

1. Go to the phone application by pressing the [Exit] key.
2. Key in the phone number that you want to dial.

**Note:** To delete a digit, press [Clear].

3. Press [Call].

### To call a number in your Contacts directory:

1. Go to the phone application by pressing the [Exit] key.
2. Press [Select].  
The Contacts directory appears.
3. From the list, use either of these methods to select a name:
  - Press the [Up] or [Down] key until you reach the desired name.

Or

  - Key in the first few letters of the name to restrict the list to entries whose first or last name begins with those letters, and then press [Up] or [Down] until you reach the desired name. To switch between the list of individual contacts and a list of groups (if your Contacts directory contains any lists), press [Right] or [Left]. If your Contacts directory has more than two tabs, press [Right] again to view contact groups on another tab.
4. Press [Call].  
If the name is associated with only one number, the phone dials that number. If the name is associated with more than one number, the phone displays the numbers so that you can select one.

During a phone call, you can speak with your phone at your ear or use the loudspeaker.

### To switch between ear mode and loudspeaker mode:

- Press [Key 2].

### To adjust the volume:

- Press the [Left] or [Right] key.

## 2.3 Answering a call and reading the caller's identity

When your phone rings, the phone application automatically becomes active. These are your options:

- Answer the call: Press the **[Call]** key.
- Mute the ringing and have TALKS announce the caller's identity (if available): Press **[Key 2]** (**Mute**) while the phone is ringing. To repeat this announcement, press **[TALKS]**, **[Up]**.
- Reject the incoming call (at any time): Press **[Exit]**.

## 2.4 Entering text

If you want to enter text on your phone's numeric keyboard, you can use either of two methods:

- The traditional method, in which you press a number key once, twice, or more to access each letter that you need
- A predictive method, T9®, in which you press the number key corresponding to each letter only once and the software "guesses" the word that you are writing by matching it to words in a dictionary

### 2.4.1 Traditional text input

Several letters are associated with each number key, so in the traditional text-messaging method, you sometimes need to press a key several times to reach the desired letter. For example, to enter the name *Charlie*, you start by pressing **[2]** three times. The first time you press the key, the letter *a* appears; then *b* appears, and finally, *c*. Next, you press the **[4]** key twice to reach the letter *h*, and so on.

#### To enter a letter twice:

- Press the key for that letter, pause briefly until the cursor reappears on the screen, and then press the key a second time.

#### To enter a digit:

- Press the key for that digit, and hold it down for about a second.

Table 2 shows the number keys that the letters and other characters are associated with. The variants refer to language-specific characters such as letters with accents and diacritical marks.

Table 2

Number key	Characters
1	Punctuation characters and symbols
2	<i>a, b, c, 2</i> , variants of <i>a</i> and <i>b</i>
3	<i>d, e, f, 3</i> , variants of <i>d</i> and <i>e</i>
4	<i>g, h, i, 4</i> , variants of <i>i</i>
5	<i>j, k, l, 5</i> , pound sign (#)
6	<i>m, n, o, 6</i> , variants of <i>n</i> and <i>o</i>
7	<i>p, q, r, s, 7</i> , German "double s", dollar sign (\$)
8	<i>t, u, v, 8</i> , variants of <i>u</i>
9	<i>w, x, y, z, 9</i> , accented <i>y</i> , Icelandic thorn ( <i>þ</i> )
0	<i>0</i> , space, new line

Some non-digit keys have special uses:

- **[\*]**: When you press this key in a text field, a window appears with punctuation marks and symbols. Use the navigation keys to scroll to a character, and press **[Select]** to insert the character into your text.
- **[#]**: This key has several functions, depending on the way you press it:
  - ❑ When you press **[#]** normally, the case switches from upper to lower or vice versa for the next letters that you enter. The phone application automatically determines which case is appropriate.
  - ❑ When you press and hold **[#]**, the entry mode switches between alphanumeric (letters and numbers) and numeric.
  - ❑ When you press **[#]** twice in a rapid succession, the T9 method is activated or deactivated.

**Note:** When you press **[#]**, TALKS announces the case and the entry mode (alphanumeric or numeric). If the T9 text-entry method is active, TALKS announces “Dictionary.” (You can also press **[TALKS]**, **[Long Key 2]** to have TALKS read out this information; see section 4.1.5).

#### 2.4.2 Predictive text input—the T9 method

**To activate the T9 method:**

- Press **[#],[#]**, or press **[TALKS]**, **[TALKS]** and select **Dictionary on**.

With the T9 method, you find the key with the letter that you need and press it *only once*. As you enter each letter, the software makes comparisons with the words in the dictionary and the display changes; the letters on the screen might be completely unrelated to what you are writing. However, when you finish entering the word, the software displays it on the screen.

**Note:** You must press a key for every letter in the word; the software does not complete words for you.

If the final word that the software displays is the correct one, you can enter a punctuation mark or start entering the next word.

**To enter a punctuation mark:**

- For a period, press **[1]**.
- For a punctuation mark other than a period, press **[1]**, **[\*]**. Then press **[\*]** repeatedly until you reach the punctuation mark that you want.

**To correct the final displayed word if it is not what you intended, use one of these methods:**

- View other matches from the dictionary: With the cursor on the word, repeatedly press the **[\*]** key until the word that you want appears. Then select the word.
- View a list of all the dictionary matches: Select **[Edit]** and **Dictionary**. Then select **Matches**. This option is visible only if there is more than one match.
- If none of the suggested matches fits, edit the word with the traditional input method: Press **[Key 1] (Spell)**.

### 2.5 Adding an entry to the Contacts directory

1. In the Contacts directory, press **[Key 1] (Options)** and select **New contact**.  
A contact card opens.
2. Enter the person’s name and at least one phone number.

3. If you want to enter more information—for example, another phone number—press [**Key 1**] (**Options**), select **Add detail**, and enter the additional information.
4. Press [**Key 2**] (**Done**) to save the entry in the Contacts directory.

## 2.6 Sending a text message

1. Press [**Menu**], and select **Messaging**.
2. Press [**Select**] to select the first option, **New Message**.
3. Press [**Select**] to select the short text message option (you can select **Multimedia message** or **E-mail** if preferred).  
The **Text message** window appears.
4. Enter the recipient's phone number by either of these methods:
  - In the **To** field, key in the phone number.

*Or*

  - Press [**Key 1**] (**Options**), select **Add recipient**, select an entry in the Contacts directory, and press [**Key 1**] (**OK**) to confirm your choice.
5. In the **Text message** window, press [**Down**] once to go to the text field, and enter and edit your message.
6. Press [**Call**] to send the message.

## 2.7 Using profiles and changing ring tones

Profiles let you quickly change the way your phone notifies you of incoming calls or messages. Your phone contains a number of predefined profiles—for example, General (the profile in use when you turn on the phone for the first time), Silent, and Meeting. You can associate each profile with a different ring tone, ring volume, and key tone; you can set the vibrating alert as on or off in each profile; and you can change the name of all the profiles except the General profile.

### To switch profiles:

- Briefly press the [**Power**] key, and from the menu, select a profile.

### To modify a profile:

1. Press [**Menu**], and select **Profiles**.
2. Select the profile that you want to modify.
3. From the **Options** menu, select **Personalise**.
4. Select the property that you want to change.
5. Scroll through the options, and press [**Select**] to choose an option.

**Note:** When you select a ring tone, the sounding of the tone usually interrupts the TALKS announcement of the tone's name, since today's phones cannot play more than one audio channel at once. To have TALKS repeat the ring tone's name, press [**TALKS**], [**Up**], which interrupts the ring tone to make the announcement. To assign a ring tone to the selected profile, press [**Key 1**] (**Select**). To return to the previously selected ring tone, press [**Key 2**] (**Cancel**).

## 2.8 The Nokia browser

The Nuance Accessibility Suite for Series 60 offers access to the Nokia web browser. It does *not* offer access to the Opera or NetFront® browser, which you can find on some Series 60 phones as well. To find the Nokia browser on your phone, go to the main menu, and look for **Web** or **Services**. The option **WWW** is usually associated with other browsers.

The Nokia browser supports access to WAP (Wireless Application Protocol) and HTML pages on the Internet. WAP is an open, global specification that lets mobile users with wireless devices easily access and interact with information and services. WAP pages are usually optimized for small devices and thus load faster than most HTML pages.

Unlike screen readers or talking Internet browsers on a computer, TALKS cannot gain access to the underlying WML (Wireless Markup Language) or HTML code of a page. Therefore, TALKS relies completely on what is shown on the display of your phone. As a result, you should not expect to hear details about the structure of these pages or a continuous readout of the complete content. However, TALKS recognizes the types of objects that you can select and announces textual content. The type of page that can or cannot be read also depends on the version of the Nokia browser. Newer phones or firmware versions usually offer better access, particularly to HTML pages.

### 2.8.1 Configuring your phone for the Internet

To use the Internet on your phone, you need to configure the phone according to the requirements of your mobile network provider. In some cases, the configuration settings can be sent to your phone in a special SMS message, in which case you do not have to perform the configuration manually; you just have to save the configuration message. Contact your network provider's service representative to find out whether you can obtain such a configuration message. If not, the service representative can probably tell you how to perform the configuration.

**Note:** If you have a Nokia phone, you can obtain the configuration message from the Nokia website (<http://www.nokia.com>). Select your location, and then select **Support** and **Phone Settings**. Follow the instructions and enter the requested data. Nokia will send the configuration message to your phone free of charge.

Newer Nokia phone models also come with a Settings utility that you can find in the main menu. This utility automatically identifies your network provider and then performs your phone's Internet configuration.

### 2.8.2 Starting and configuring the Nokia browser

**To start the Nokia browser, use either of these methods:**

- In the main menu, select **Web** or **Services**, depending on your phone model.  
A list of bookmarks appears; it probably contains a few predefined bookmarks.  
Or
- In the phone application, press **[0]**.  
The browser opens to a page that was defined in the settings for your WAP connection.  
**Note:** To open the list of bookmarks when a web page is displayed, press **[Key 1] (Options)** and select **Bookmarks**.

To ensure that TALKS offers the best browsing experience, you can set it to show text descriptions instead of images.

**To set TALKS to show text descriptions instead of images:**

1. Press **[Key 1] (Options)**, and select **Settings**.
2. Set **Display images** to **No**.

### 2.8.3 Let's search!

One of the most frequently used search engines on the Internet is Google®, and now you can access it using your mobile phone. The Google WAP pages are optimized for wireless devices.

### To access Google:

1. In the **Bookmarks** window, type this command:  
wap.google.com.
2. Press **[Key 1] (Go to)**.  
If you haven't connected to the Internet yet, the application might ask you to confirm that you want to connect to the Internet. The Google page is loaded, and TALKS announces the soft keys—**Options** and **Back**—followed by all the text on the page up to the first active object on the page.

TALKS reads selected objects as “focused.” When objects are scrolled into view but are not selected, TALKS names them with their type. Selectable objects can be links, text fields, check boxes, lists, and so on.

### To move to another selectable object:

- Press **[Up]**, **[Down]**, **[Left]**, or **[Right]**.  
**Note:** If you press **[Left]** or **[Right]** and no selectable object exists in that direction, some versions of the browser go to the next screen or the previous screen of the web page.

### To scroll through text line by line:

- Press **[Down]** or **[Up]**.

### To perform a search in Google:

1. Press **[Down]**, and listen to the TALKS announcements.
2. Wait for the announcement “Focused edit,” which means that you have reached an editing (text) field.
3. Type the text that you want to search for. If your phone is running Symbian version 6.1, press **[Select]** and then type the text. For example, type this text:  
Nuance Talks
4. Press **[Down]**.  
TALKS announces, “Focused button Google Search.”
5. Press **[Select]** to activate the Google Search button.  
The search results are displayed, and TALKS reads the page.
6. Press **[Down]** to find the relevant search result. (In our example, the Nuance TALKS page appears near the top of the search results.)
7. When you hear TALKS announce the page, press **[Select]**.  
The browser displays the selected page. In our example, the Nuance TALKS web page appears. Note that the TALKS pages offer a **Skip navigation** link at the top, which takes you straight to the main content of the page. This feature is also useful for sighted people browsing the Internet with wireless devices.

## 2.9 Reading a help topic

Many of the more specific features of your phone are described in the online help topics that come with it. Typically, if an **Options** menu is available, it contains a **Help** option that takes you straight to a brief topic about the active application.

### To access a help topic:

1. In the main menu, select **Help**.  
A list of help topics appears.
2. Locate content by using one of these methods:

- Scroll through the list of topics by pressing **[Up]** or **[Down]**. When you reach a topic that interests you, press **[Select]** to view a list of subtopics and press **[Up]** or **[Down]** to scroll through them.
  - In the search field, type the first letter or two of the topic that you want to find. When you reach a topic that interests you, press **[Select]** to view a list of subtopics and press **[Up]** or **[Down]** to scroll through them.
  - View an index of keywords by pressing **[Right]**. Scroll through the list by pressing **[Up]** or **[Down]**, or type the first few letters of the keyword that you want to find. When you reach the keyword that interests you, press **[Select]** to view a list of topics containing that keyword, and press **[Up]** or **[Down]** to scroll through the topics.
3. To open the help topic and read it, press **[Select]**.

### 3 The TALKS&ZOOMS Settings dialog box

The **TALKS&ZOOMS Settings** dialog box enables you to change various settings related to TALKS, such as volume, speed, pitch, and key echo, or to ZOOMS, such as the zoom factor. The display in the dialog box varies according to the product options that you have purchased; its name can be **TALKS Settings**, **ZOOMS Settings**, **TALKS&ZOOMS Settings**, **TALKS Premium Settings**, or **TALKS&ZOOMS Premium**. This document uses “**TALKS&ZOOMS Settings** dialog box” as a general term to refer to the settings dialog box in all the products. When a description applies only to a specific product, the document states so.

The **TALKS&ZOOMS Settings** dialog box consists of up to seven tabs, depending upon your product options. The tabs are **Magnification**, **Speech**, **Advanced**, **Automation**, **User dictionary**, **Icons**, and **Braille**.

When you select a setting, it applies to all applications in your phone. However, you can choose to apply certain settings to one application only. For more information about such application-specific settings, see section 3.7.

#### To open the TALKS&ZOOMS Settings dialog box:

- In the main menu, select the icon called **Talks** or **Talks&Zooms**.
- Or:*
- Press **[TALKS]**, **[Menu]**.

Any change that you make in the settings takes effect when you switch to one of the other tabs, by pressing **[Left]** or **[Right]**, or when you close the **TALKS&ZOOMS Settings** dialog box, by pressing **[Key 2]** (**Exit**).

#### To change a setting in the TALKS&ZOOMS Settings dialog box:

1. Press **[Select]**.  
If the setting has two options, it automatically switches to the other option.
2. If the setting has more than two options, press **[Down]** or **[Up]** to scroll to the desired option, and press **[Select]**.

Several additional settings are available in the **Options** menu, which you access by pressing **[Key 1]** (**Options**). Select from the following options:

- **About:** Displays the version number and date of your TALKS&ZOOMS software. You may need this information if you contact technical support or check for available updates. Press **[Key 1]** (**OK**) to close this window.
- **Info:** Displays additional information about the TALKS&ZOOMS software (if available)
- **License:** Displays the end-user license agreement
- **Register:** Opens a submenu with the following choices:
  - ❑ **30-day demo:** Enables you to request a demo registration code so that you can use TALKS&ZOOMS free of charge for one month. Note that you can use this form of registration only once per phone.
  - ❑ **SMS registration:** Enables you to enter the number of the registration ticket that you received from your TALKS&ZOOMS dealer and send an SMS message with that number to the TALKS registration server. You will receive a registration code that is automatically stored on your phone.
  - ❑ **Restore registration:** Enables you to re-register your software if your phone loses the registration information. The process is similar to the SMS registration process, but you do not need to enter the registration ticket again.

- ❑ **Manual registration:** Opens a dialog box that displays the IMEI number of your Series 60 phone and enables you to register the software in case SMS registration does not work in your country or with your network provider. In the **Serial Number** box, enter the serial number of your TALKS&ZOOMS software. This process enables you to use TALKS longer than the 10 minutes provided for unregistered software. You can register the full version and the demo version of the software in this manner.
- **Disable/Enable TALKS&ZOOMS:** Stops TALKS&ZOOMS completely for all applications, or activates TALKS&ZOOMS again. When you disable TALKS, speech in the **TALKS&ZOOMS Settings** dialog box remains available.
- **Exit:** Closes the **TALKS&ZOOMS Settings** dialog box

### 3.1 Magnification settings

If you purchased the ZOOMS magnification component, the **TALKS&ZOOMS Settings** dialog box provides the following settings to enable you to customize the magnification feature to your needs:

- **Magnification**
- **Screen mode**
- **Zoom factor**
- **Auto-fit focus**
- **Color processing**
- **Invert colors**
- **Scrolling speed**
- **Auto-scroll delay**

To learn more about these options, see chapter 5.

### 3.2 Speech settings

If you purchased the TALKS screen-reader component, the **TALKS&ZOOMS Settings** dialog box provides the following basic settings to enable you to customize the text-to-speech output to your needs:

- **Speech** (see section 4.2.14)
- **Volume** (see section 4.2.7)
- **Speed** (see section 4.2.8)
- **Spelling Speed** (see section 4.2.9)
- **Pitch** (see section 4.2.10)
- **Key Echo** (see section 4.2.2)
- **Speak upper case** (see section 4.2.3)
- **Use spelling alphabet** (see section 4.2.5)
- **Speak punctuation** (see section 4.2.6)
- **Read numbers as** (see section 4.2.15)

### 3.3 Advanced settings

The settings that are displayed on the **Advanced** tab depend upon the TALKS&ZOOMS components that you have purchased. The following settings appear for the TALKS screen-reader module:

- **Read function keys** (see section 4.1.3)

- **Read list index** (see section 4.2.17)
- **Verbose descriptions** (see section 4.2.18)
- **Mute on keylock** (see section 4.2.19)
- **Cursor mode** (see section 4.2.11)
- **T9 key echo** (see section 4.2.3)
- **Echo passwords** (see section 4.2.13)

The following settings are always available on the **Advanced** tab:

- **TALKS key timeout** (see section 4.2.20)
- **TALKS mode timeout** (see section 4.2.21)

### 3.4 Automation settings

The settings on the **Automation** tab enable you to customize the readout of caller ID and incoming text messages. The settings are as follows:

- **Caller ID:** If you want TALKS to read out the caller ID of incoming calls, activate the readout by setting the amount of time for TALKS to wait before muting the ring and reading out the caller ID. You can select 1, 3, 5, 10, 15, or 20 seconds.

**Note:** If you set a waiting time for the readout of caller ID, do not use the **Beep once** or **Silent** setting for the type of ringing (in the **Profiles** dialog box). Your phone should be set to the default ringing type.

- **Repeat Caller ID:** If you activate the automatic readout of caller ID, you can define whether and how often TALKS should repeat the readout. To have TALKS repeat the readout, select the frequency of repetition—every 3, 5, 10, or 15 seconds. If you do not want TALKS to repeat the readout, select **No**.
- **New Messages:** You can set TALKS to automatically open and read out incoming messages (select the **Read** option). After TALKS reads out a message, you are asked whether you want the message repeated or closed.

### 3.5 User dictionary tab (available in Premium Edition)

On the **User dictionary** tab, you can create entries that indicate how you want TALKS to read out specific words, phrases, and abbreviations. You can associate an entry with a particular application or with all the applications on your phone.

**To create an entry indicating how TALKS should read out a specific word or abbreviation:**

1. Determine whether you want to associate the readout with all applications or only a specific application.
  - If you want to associate the readout with all applications, go to the main menu and select **Talks&Zooms** to open the **TALKS&ZOOMS Settings** dialog box.
  - If you want to associate the readout with a specific application, open that application and press **[TALKS]**, **[Menu]** to open the **TALKS&ZOOMS Settings** dialog box.
2. Press **[Right]** until you reach the **User dictionary** tab.  
A list of entries appears. The items in the list depend on the view defined in the **Options** menu.
3. Press **[Key 1]** (**Options**), and select **Add new**.  
The **Edit user dictionary** dialog box appears.
4. In the **Text** area, key in the word, phrase, or abbreviation for which you want to define a pronunciation. For example, write “UC” in the **Text** area.

5. In the **Replacement** area, key in the word or phrase that indicates how you want TALKS to pronounce the item shown in the **Text** area. For example, if you wrote “UC” in the **Text** area, write “University of California” in the **Replacement** area.
6. In the **Application** area, define how you want the entry associated:
  - Select **Global** if you want TALKS to read out the replacement phrase in any application.
  - Select the application name if you want TALKS to read out the replacement phrase only in this particular application (this option appears only if you opened the **TALKS&ZOOMS Settings** dialog box from within an application, not from the phone’s main menu).
7. In the **Whole words only** area, press **[Right]** or **[Left]** to select an option:
  - Select **Yes** if you want TALKS to read out the replacement phrase only when TALKS encounters the original text as a whole word.
  - Select **No** if you want TALKS to read out the replacement phrase whenever TALKS encounters the original text, even if it is part of another word.
8. In the **Ignore case** area, press **[Right]** or **[Left]** to select an option:
  - Select **Yes** if you want TALKS to read out the replacement phrase regardless of the case of the original text or the text that TALKS encounters.
  - Select **No** if you want TALKS to read out the replacement phrase only when TALKS encounters text with the same case as the original text.
9. Save the entry: press **[Key 1] (Options)**, and select **Save**.  
The new entry is saved. When TALKS encounters text that matches the original text as defined in your entry, TALKS will read out the replacement phrase.
10. To create a replacement for Braille representation, select **Add Braille field** and follow the steps described in this procedure. Note that the **Text** area appears only once, because the original text is the same as for speech.

**To edit an entry that you created:**

1. In the **TALKS&ZOOMS Settings** dialog box, select the **User dictionary** tab.  
A list of entries appears. The items in the list depend on the view defined in the **Options** menu.
2. To change the display of the entry list, press **[Key 1] (Options)**, select **View**, and select one of the viewing options:
  - **<Application name>**: If you opened the **TALKS&ZOOMS Settings** dialog box from within an application, that application name appears here. Select this option if you want to see only the entries that are associated specifically with this application and not used anywhere else.
  - **<Application name> and Global**: If you opened the **TALKS&ZOOMS Settings** dialog box from within an application, that application name appears here. Select this option if you want to see both the entries that are associated with this application only and the entries that are used across all applications. This option displays a complete list of all the entries that affect this particular application.
  - **Global**: Select this option to see the entries that are associated with all the applications.
  - **System**: Select this option to see the entries associated with system messages (such as warnings and confirmation messages) and with the status indicators.
  - **All**: Select this option to see all the entries that you have created.
3. Make your changes as described in the procedure for creating a new entry (the preceding procedure).
4. Press **[Key 1] (Options)**, and select **Save** to save your changes.

If you want to create a new entry that is almost the same as an existing entry, create a duplicate entry and then edit it.

#### To create a duplicate of an entry:

1. In the **TALKS&ZOOMS Settings** dialog box, on the **User dictionary** tab, select the entry that you want to duplicate.
2. Press **[Key 1] (Options)** and select **Duplicate**.  
The **Edit user dictionary** dialog box appears.
3. Edit the duplicate as desired.
4. Press **[Key 1] (Options)**, and select **Save** to save the duplicate as a new entry.

#### To delete an entry:

1. In the **TALKS&ZOOMS Settings** dialog box, on the **User dictionary** tab, select the entry that you want to delete.
2. Press **[Key 1] (Options)** and select **Delete**.  
A warning message appears.
3. Press **[Key 1] (Yes)** to confirm that you want to delete the entry.

**Note:** You can find the files that contain the dictionary entries in a folder named `\Nokia\Others\Talks`, normally in the same location where you installed TALKS (either the phone memory, or the memory card).

### 3.6 Icons tab (available in Premium Edition)

The **Icons** tab enables you to create and edit entries that indicate how you want TALKS to read out icons in third-party applications. Each entry includes the hexadecimal value for the icon and the phrase that you want TALKS to say when it encounters the icon.

The **Icons** tab is similar to the **User dictionary** tab. To create and edit entries on the **Icons** tab, follow the procedures in section 3.5.

It is recommended that you use the **Icons** tab for editing icons that already have audio labels and that you use the Object Viewer to create such labels.

### 3.7 Application-specific settings

The settings that you define in the **TALKS&ZOOMS Settings** dialog box are global in nature: by default, they affect all applications in your phone. However, you might want to define some settings differently for certain applications. For instance, you might not want to hear punctuation marks read out in most applications, but when writing notes or using the calculator, you might prefer to hear them read out. Or you might use a certain zoom factor in most applications, but in one application, you need to increase it. This section explains how to create such application-specific settings.

#### To define a setting and limit it to a specific application:

1. Open the application to which you want to apply the setting, and press **[TALKS]**, **[Menu]** to open the **TALKS&ZOOMS Settings** dialog box.

**Note:** To define an application-specific setting, you must use the **[TALKS]**, **[Menu]** shortcut to access the **TALKS&ZOOMS Settings** dialog box.

2. Press **[Key 1] (Options)**, and select **App-specific settings**.

A dialog box that shows the name of the application appears and displays a list of the settings that you defined for that application. If none have been defined, the message “Using only standard settings” appears.

3. Press **[Key 1] (Options)**, and select **Add app.-specific value**.

A list of application-specific parameters appears:

- For **ZOOMS**: **Screen mode**, **Zoom factor**, **Auto-fit focus**, **Color processing**, **Invert colors**, **Scrolling speed**, and **Auto-scroll delay**
- For **TALKS** (from the **Speech** tab): **Key echo**, **Speak upper case**, **Use spelling alphabet**, **Speak punctuation**, and **Read numbers as**
- For **TALKS** (from the **Advanced** tab): **Read function keys**, **Read list index**, **Verbose descriptions**, **Cursor mode**, **T9 key echo**, **Echo passwords**, and **Full list items**.

4. Select a parameter, and define it as desired.

**Note:** The parameter that you define for a specific application still retains its default setting for all other applications.

5. Press **[Key 1] (Options)**, and select **Exit** to close the **TALKS&ZOOMS Settings** dialog box and save your settings.

**Note:** While you are working with application-specific settings, you can close that page and open the global **TALKS&ZOOMS Settings** dialog box by pressing **[Key 2] (Back)**. To close the **TALKS&ZOOMS Settings** dialog box completely and return to the current application, press **[Key 2] (Exit)** again.

#### **To restore an application-specific setting to the global default setting:**

1. Open the application for which you want to change the parameter, and press **[TALKS]**, **[Menu]** to open the **TALKS&ZOOMS Settings** dialog box.
2. Press **[Key 1] (Options)**, and select **App-specific settings**.
3. Select the parameter that you want to change.
4. Press **[Key 1] (Options)**, and select **Reset value to standard**.
5. When the confirmation message appears, press **[Key 1] (Yes)**.  
The selected application-specific setting is canceled, and the global default setting is activated.

## 4 Listening to TALKS

This chapter describes the TALKS speech functions and the related settings.

### 4.1 TALKS functions

#### 4.1.1 Repeat the last phrase

If you don't hear or understand the speech output, you can have TALKS repeat the most recently spoken phrase (press **[TALKS]**, **[#]**) or the next-to-last phrase (press **[TALKS]**, **[Long #]**).

This feature is useful in instances such as these:

- Your phone alarm goes off, and you stop it by pressing **[Key 1]** or, a few minutes later, by pressing **[Key 2]** (**Snooze**). In both cases, the message that was displayed is gone. Pressing **[TALKS]**, **[Long #]** repeats the message.
- You enter **\*#0000#** or **\*#06#** to read the firmware version or the IMEI number of your phone, and TALKS reads out the resulting message once. When you press any key, the message disappears. Pressing **[TALKS]**, **[Long #]** repeats the message.

#### 4.1.2 Read out the current window

When you press **[TALKS]**, **[Select]**, TALKS reads out the current window, as if a focus change has occurred. The only difference is that a text field is not read out completely, only the currently selected line is read.

In the Nokia web browser, **[TALKS]**, **[Select]** reads out the actual page, as if it had just finished loading, but of course up to the object that is currently in focus.

#### 4.1.3 Announce the soft keys

By default, whenever TALKS reads out the current window, it also announces the functions assigned to the two soft keys, located at the lower edge of the screen. To have TALKS announce them again, press **[TALKS]**, **[Key 1]**. To change the default setting, see section 4.2.15.

#### 4.1.4 Announce the status indicators

The Series 60 phone displays a number of status indicators that give you information about the battery and network status, unread and unsent messages, Bluetooth and infrared connections, and so forth. To have TALKS announce these indicators, press **[TALKS]**, **[Key 2]**.

#### 4.1.5 Announce the text status indicators

When you enter text into any text field, status indicators show the mode of the next character— numeric mode or alphanumeric mode, uppercase letter or lowercase letter. When you enter text in a message, an additional indicator appears if the T9 dictionary is active. To have TALKS announce these indicators, press **[TALKS]**, **[Long Key 2]**.

When you compose a text message on some Series 60 phones, you can press **[TALKS]**, **[Long Key 2]** to have TALKS announce the number of characters that you can still enter before reaching the 160-character limit for an SMS message, and how many messages will be required to send the currently entered text. When you compose an e-mail message or MMS text, TALKS announces the size of the message in kilobytes.

Note that TALKS also announces these text status indicators when you press [#] to change the text-entry mode.

#### 4.1.6 Announce the time and date

To have TALKS announce the time and date, press [TALKS], [9].

#### 4.1.7 Read out the current line or selected object

The function of the sequence [TALKS], [Up] depends on what is currently displayed on the screen.

- In a text field, TALKS reads the current line of text.
- In areas that are not a text field, TALKS reads out the selected object, such as an entry in the Contacts directory or a menu item.
- In the Nokia web browser, TALKS reads out the text of the object that is currently in focus and also the text that comes between the previous selectable object and the object in focus.

#### 4.1.8 Spell out the current line or selected object

The function of the key sequence [TALKS], [Long Up] depends on what is currently displayed on the screen:

- In a text field, TALKS spells out the current line of text.
- In areas that are not a text field, TALKS spells out the selected object, such as an entry in the Contacts directory or a menu item.
- In the Nokia web browser, TALKS spells out the text of the object that is currently in focus and also the text that comes between the previous selectable object and the object in focus.

#### 4.1.9 Read out the current letter

When the cursor is on a letter in a text field, you can press [TALKS], [Left] to have TALKS read out the letter.

#### 4.1.10 Read out the current word or web object in focus

When the cursor is on or immediately to the right of a word in a text field, you can press [TALKS], [Right] to have TALKS read out the word.

In the Nokia web browser, [TALKS], [Right] reads out the currently selected object.

#### 4.1.11 Spell out the current word or web object in focus

When the cursor is on or immediately to the right of a word in a text field, you can press [TALKS], [Long Right] to have TALKS spell out the word.

In the Nokia web browser, [TALKS], [Long Right] spells out the currently selected object.

#### 4.1.12 Read out text starting at the cursor or the web object in focus

When the cursor is in a text field, you can press [TALKS], [Down] to have TALKS read out all text starting at the location of the cursor. The cursor follows the readout as closely as possible.

To stop the speech output, press [Long TALKS]. To start it again, press [TALKS], [Down].

In the Nokia web browser, you can press **[TALKS]**, **[Down]** to have TALKS start reading at the object in focus and stop at the next selectable object.

#### 4.1.13 Read out the selection or spell out the web object in focus

When a block of text is selected in a text field, you can press **[TALKS]**, **[Long Down]** to have TALKS read out the selected text.

In the Nokia web browser, you can press **[TALKS]**, **[Long Down]** to have TALKS spell out the object in focus and all the text up to the next selectable object.

#### 4.1.14 Stop the current phrase

To interrupt TALKS in the middle of a phrase without initiating any other action, press **[Long TALKS]**.

#### 4.1.15 Activate the editing function of the **[Edit]** key

TALKS uses the standard **[Edit]** key of the Series 60 phone's keypad as the **[TALKS]** key. Therefore, to use the original editing functions of the key, press the **[Edit]** key twice.

To select text, press **[TALKS]** briefly, and then press it again and hold it until the text is selected.

#### 4.1.16 View information about displayed objects

The TALKS software enables you to obtain a list of all the objects displayed on the screen in the order in which they appear regardless of whether TALKS reads them out. You can access various kinds of information about each object on the screen and can add labels to unlabeled icons. These features are particularly helpful for experienced users who are working with third-party applications not yet fully supported by TALKS.

To obtain a list of the objects displayed on your phone's screen, press **[TALKS]**, **[Long Select]** in any application except the **TALKS&ZOOMS Settings** dialog box. The **Objects** dialog box appears, displaying all the objects of the types that TALKS recognizes, in the order in which they appear on the screen (from top to bottom and left to right).

Note: The **Objects** dialog box cannot display objects on web pages.

The **Objects** dialog box can display any of the following objects, accompanied by the text that the screen displays for the object:

- **Status:** displays information about the current application, such as the application's icon, typically shown at the upper end of the screen, and the input mode for text fields
- **Title:** displays the title of the window or dialog box
- **Tab:** displays the name of the selected tab of a dialog box
- **Edit:** displays text that you have entered in a text field
- **Menu:** displays the name of a menu
- **Control:** displays the name of a control (an element that enables you to select data, such as a list). Note that even if the phone's screen displays all the items in a group—such as a list—the **Objects** dialog box displays only the selected item.
- **Label:** displays a static text or graphic, such as the name of an entry field
- **Browser:** displays the name of the main window of a web browser

- **Group**: displays a group of elements that are combined into a single text by TALKS (such as the individual lines of text in a popup message). The text associated with the group is not shown, but you can find it in the **Label** entries that follow the **Group** entry, as long as those **Label** entries are not associated with **[Key 1]** or **[Key 2]**.

You can set the **Objects** dialog box to display objects whose type cannot be identified: select **[Key1 (Show)]**, and then select **Yes** to show unidentified objects or **No** to hide them.

**Note:** On rare occasions, selecting **Yes** to show unidentified objects can cause the application to stop responding.

To obtain more information about an object listed in the **Objects** dialog box, scroll to that object and press **[Select]**. The **Object details** dialog box opens and displays the following information and more:

- Text that appears on the object
- Technical details about the object's type
- Coordinates representing the object's position on the screen (in the **Pos** field), displayed as  $x$  and  $y$  coordinates of the object's upper-left and lower-right corner relative to the upper left of the display)

For icons that are not labeled, the **Object details** dialog box displays an eight-character hexadecimal code, the same code that TALKS reads out if you have activated graphics mode (see section 4.2.12). TALKS enables you to change this code to a meaningful label (see the next section).

To exit the **Objects** dialog box, select **Cancel**.

#### 4.1.17 Add labels to icons

When graphics mode is activated (see section 4.2.12), TALKS reads out an unlabeled icon as "Icon" followed by the icon's hexadecimal code. However, you can create a meaningful label for TALKS to read out instead.

**Note:** When graphics mode is disabled, TALKS does not read out unlabeled icons at all.

##### To add a label to an unlabeled icon:

1. In the application where the icon appears, press **[TALKS],[Long Select]**.  
The **Objects** dialog box lists the objects displayed on your phone's screen (for more information about the **Objects** dialog box, see section 4.1.16).
2. Scroll to the item in which the icon appears, and press **[Select]** to select the item.  
The **Object details** dialog box appears.
3. Scroll to **Icon**, and select it.  
The **Edit user dictionary** dialog box appears.
4. In the **Replacement** area, key in the label that you want TALKS to read out for this icon.
5. In the **Application** area, select **Global** if you want TALKS to use this label for this particular icon in all applications; select the application name if you want TALKS to read out the label only in this particular application.
6. Press **[Key 1] (Options)**, and select **Save** to save the label.

When TALKS encounters this icon, it will read out the label instead of the hexadecimal code.

7. To create a replacement for Braille representation, select **Add Braille field** and follow steps 46. Note that the **Text** area appears only once, because the original text is the same as for speech.

For more information about the **Edit user dictionary** dialog box, see section 3.5.

## 4.2 TALKS settings

This section describes TALKS settings that you can modify through key commands and, in some cases, also in the **TALKS&ZOOMS Settings** dialog box.

### 4.2.1 Keyboard training mode

In training mode, TALKS announces the names of all keys and TALKS functions, but the phone does not carry out any functions. Using this mode, you can safely familiarize yourself with the phone's keypad and the keys that TALKS uses.

**To turn the training mode on or off:**

- Press **[TALKS], [0]**.

### 4.2.2 Key echo

TALKS can read out (“echo”) letters or words as you key them in. The **Key echo** function has four options, as follows:

- **None:** TALKS does not read out keys as you press them.
- **Letters:** TALKS reads out each key that you press.
- **Words:** When you enter a space, digit, or punctuation mark, TALKS reads out the previous word.
- **Both:** TALKS reads out letters and words as you enter text.

**To change the Key Echo setting:**

- Press **[TALKS], [1]** repeatedly until you reach the option that you want.

*Or*

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, select the desired option.

### 4.2.3 T9 key echo

If you use the T9 method to enter text—for example, when you are writing an SMS message—you can have TALKS announce the current word proposed by T9 whenever you enter or delete a letter.

**To activate or deactivate the announcement of words as you write with the T9 method:**

- In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, set **T9 key echo** to **Yes** to activate the announcement of words as you are writing, or **No**, to deactivate it.

### 4.2.4 Speak upper case

When the **Speak upper case** function is set to **Yes**, TALKS says “Caps” for an uppercase letter or for a word beginning in an uppercase letter, and “Caps Caps” for a word that consists of all uppercase letters.

**To activate or deactivate the Speak upper case function:**

- Press **[TALKS], [2]**.

*Or*

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, set **Speak upper case** to **Yes** or **No**.

#### 4.2.5 Use spelling alphabet

You can set TALKS to spell with the NATO spelling alphabet instead of announcing just letters. For example, to spell out *cat* with the spelling alphabet, TALKS would say “Charlie Alfa Tango” instead of “C-A-T.”

**To activate or deactivate the spelling alphabet:**

- Press [TALKS], [3].

*Or*

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, set **Use spelling alphabet** to **Yes** or **No**.

#### 4.2.6 Speak punctuation

TALKS enables you to choose the extent to which it should read out punctuation marks and symbols. The **Speak punctuation** function has four options, as described in this section.

- **None:** TALKS does not read out any punctuation marks; it does read out the names of the characters shown in Table 3.

**Table 3**

Character	Name
#	Number sign
\$	Dollar symbol
%	Percent
&	Ampersand
*	Asterisk
+	Plus
<	Less than
=	Equals
>	Greater than
@	At sign
\	Backslash
^	Caret
`	Grave accent
{	Open curly bracket
}	Close curly bracket
	Vertical bar
~	Tilde

**Note:** TALKS also announces all non-alphanumeric characters with ASCII codes greater than 127.

- **Some:** TALKS reads out the names of the characters in Table 3 and Table 4.

**Table 4**

Character	Name
-----------	------

Character	Name
!	Exclamation mark
/	Slash
?	Question mark
_	Underscore
-	Non-breaking hyphen

- **Most:** TALKS reads out the names of the characters in Table 3, Table 4, and Table 5.

**Table 5**

Character	Name
“	Quotes
(	Left parenthesis
)	Right parenthesis
:	Colon
[	Left square bracket
]	Right square bracket

- **All:** TALKS reads out all the punctuation marks and other non-alphanumeric characters.

**Note:** TALKS always reads out punctuation marks that are not part of a sentence or that appear in unusual combinations.

#### To change the Speak punctuation setting:

- Press [**TALKS**], [**4**] repeatedly until you reach the option that you want.

*Or*

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, select the desired option.

#### 4.2.7 Volume

You can select a volume level from 1 to 10 for the speech output.

#### To change the volume:

- Press [**TALKS**], [**5**] to decrease the volume, or [**TALKS**], [**6**] to increase it.  
TALKS announces the new setting, and the new volume level takes effect immediately.

*Or*

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, select **Volume** and then press [**Left**] to decrease the volume or [**Right**] to increase it.

#### 4.2.8 Speed

You can set the speed of the speech output from -9 (extremely slow) to +9 (extremely fast).

#### To change the speed of the speech output:

- Press [**TALKS**], [**7**] to decrease the speed, or [**TALKS**], [**8**] to increase it.  
TALKS announces the new setting, and the new speed takes effect immediately.

*Or*

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, select **Speed** and then press **[Left]** to decrease the speed or **[Right]** to increase it.

#### 4.2.9 Spelling speed

You can set the speed at which TALKS spells out words or a line of text. Choose a value from a range of -9 (extremely slow) to +9 (extremely fast).

##### To change the spelling speed:

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, select **Spelling Speed** and then press **[Left]** to decrease the speed or **[Right]** to increase it.

#### 4.2.10 Pitch

You can set the pitch for text-to-speed output. Choose a value from a range of -9 (low pitch) to +9 (higher pitch).

##### To change the pitch of speech output:

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, select **Pitch** and then press **[Left]** to lower the pitch, or **[Right]** to raise it.

#### 4.2.11 Cursor mode

You can determine how the cursor should move by pressing **[Left]** or **[Right]** in a read-only text field. Three cursor modes are available:

- **Letters:** **[Left]** and **[Right]** move the cursor letter by letter. This is the default setting.
- **Words:** **[Left]** and **[Right]** move the cursor word by word.
- **Original:** **[Left]** and **[Right]** move the cursor letter by letter when you are entering text. When you are reading incoming messages, **[Left]** and **[Right]** move from one message to the next. These are the original functions of the **[Left]** and **[Right]** keys in the phone application.

##### To change the cursor mode:

- Press **[TALKS]**, **[Long 2]** repeatedly until you reach the option that you want. (To remember this key sequence, note that the letter *C*, as in *cursor*, is associated with the number key **[2]**.)

Or

- In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, select **Cursor mode**, and then select the desired option.

#### 4.2.12 Graphics mode

When graphics mode is on, TALKS announces unlabeled graphics as “Icon” followed by the hexadecimal code assigned to the symbol. When graphics mode is off, TALKS announces only labeled graphics and graphical symbols in a text field. When you change this setting, TALKS immediately reads out the screen in the new graphics mode.

##### To turn the graphics mode on or off:

- Press **[TALKS]**, **[Long 4]**. (To remember this key sequence, note that the letter *G*, as in *graphics*, is associated with the number key **[4]**.)

#### 4.2.13 Echo passwords

You can set TALKS to announce the characters that you enter in a password field. When **Echo passwords** is set to **Yes**, TALKS announces the characters even though they are still shown as asterisks

on the screen. For security reasons, you should select this option only when you are sure that your passwords cannot be overheard.

When **Echo passwords** is set to **No**, TALKS announces “Asterisk” for each character.

**To activate or deactivate the announcement of password characters:**

- Press [**TALKS**], [**Long 7**]. (To remember this key sequence, note that the letter *P*, as in *password*, is associated with the number key [**7**].)

*Or*

- In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, set **Echo passwords** to **Yes** to activate the announcement of password characters, or **No**, to deactivate it.

#### 4.2.14 Speech

Normally, TALKS announces visible changes on the screen. Under certain circumstances, these announcements can be inconvenient—for example, in another application that uses sound—so you may want to deactivate this feature. If you do, you can always press [**TALKS**], [**Select**] to have TALKS read out the screen.

**To set TALKS to automatically announce changes on the screen:**

- Press [**TALKS**], [**Clear**].

Note that TALKS does not announce screen changes during a phone call. You can use [**TALKS**], [**Clear**] to resume the regular screen announcements.

TALKS also enables you to select the text-to-speech engine that you want to use and to turn off speech output. Turning off speech output is helpful for Braille-only users or for anyone who wants to turn off speech output without completely deactivating TALKS. When you restart your phone, speech output is active again.

**To turn off speech output:**

- Press [**TALKS**], [**Long Clear**]. (Press this key sequence again to turn on speech output.)

*Or*

- In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, select **Speech output** and then select **None**.

#### 4.2.15 Read numbers

You can select the way in which you want TALKS to read out numbers. “Whole numbers” leaves the reading of numbers to the speech engine in use. “Digits” read numbers digit by digit, if they consist of more than 4 digits. “Pairs of digits” reads numbers in pairs of digits, split from the right to the left, again only if they consist of more than 4 digits.

**To select a method for the reading of numbers:**

1. In the **TALKS&ZOOMS Settings** dialog box, on the **Speech** tab, select **Read numbers**.
2. Select an option:
  - **Whole numbers:** The speech engine in use reads out the numbers.
  - **Digits:**
    - For numbers that consist of fewer than five digits: TALKS reads out the number as a whole number.

- ❑ For numbers that consist of five or more digits: TALKS reads out the number digit by digit.
- **Pairs of digits:**
  - ❑ For numbers that consist of fewer than five digits: TALKS reads out the number as a whole number.
  - ❑ For numbers that consist of five or more digits: TALKS reads out the number in pairs of digits. The breakdown into pairs is from right to left.

#### 4.2.16 Read function keys

By default, TALKS reads out the names of the two soft keys whenever a window opens or the screen changes. You can determine whether TALKS will make this announcement or not.

**To set the TALKS announcements of the soft keys:**

1. In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, select **Read function keys**.
2. Select an option:
  - **By request:** TALKS reads out the soft keys only when you press **[TALKS]**, **[Key 1]**.
  - **Always:** TALKS reads out the names of the soft keys whenever a window opens or the screen changes. This is the default setting.

#### 4.2.17 Read list index

By default, TALKS always reads out an element’s list index (the number of the current element and the total number of elements in the list). You can determine the circumstances under which TALKS reads the list index.

**To change the Read list index setting:**

1. In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, select **Read list index**.
2. Select an option:
  - **Always:** TALKS announces the list index whenever it announces a list element.
  - **Once:** TALKS announces list indices only when it reads out a new window.
  - **Never:** TALKS never announces any list index.

#### 4.2.18 Verbose descriptions

You can set TALKS to read out a shorter version of the standard announcements. TALKS then omits some words from the announcements. For example, when TALKS announces the name of a window, the word *window* is omitted; and instead of reading the soft keys as “Key 1” and “Key 2,” TALKS reads them as “1” and “2.”

**To have TALKS make shorter announcements:**

- In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, set **Verbose descriptions** to **Off**.

#### 4.2.19 Mute on keylock

You can set TALKS to automatically make speech output silent when your phone keypad is locked. You can still use TALKS commands when speech output is muted, but automatic speech output is disabled.

**To have TALKS automatically mute speech output when your keypad is locked:**

- In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, set **Mute on keylock** to **Yes**.

#### 4.2.20 TALKS key timeout

When you press the **[TALKS]** key, the command mode is activated and you can press a second key to complete a TALKS or ZOOMS command. By default, TALKS and ZOOMS always wait for you to press the second key to complete the command sequence, no matter how long you take to do it. However, if you press the **[TALKS]** key by accident, pressing another key might cause undesired results.

The **TALKS key timeout** option enables you to set a waiting period (1, 2, 5, or 10 seconds) for **[TALKS]** key sequences. If you do not press a second key by the end of this waiting period, the command mode is deactivated. If you set this option to **Forever**, TALKS and ZOOMS always remain in the command mode until you press the second key.

**To set a waiting period for key command sequences:**

- In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, select **TALKS key timeout**, and select an option.

#### 4.2.21 TALKS mode timeout

By default, the TALKS and ZOOMS command mode is deactivated immediately after you press the second key of any key sequence. The **TALKS mode timeout** setting enables you to extend the command mode to accept another key without your pressing the **[TALKS]** key again.

Extending the duration of the TALKS and ZOOMS command mode can be useful for setting the volume, speech rate, or zooming factor; after you press the first key for one of these functions, you can keep pressing the second command key until you reach the desired level. When you press the second key repeatedly, be sure to do it rapidly, without pausing.

**To extend the duration of the command mode:**

1. In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, select **TALKS mode timeout**.
2. Select a duration for the command mode: 0.5, 1, 2, 5, or 10 seconds.
3. To return to the default setting, in which the command mode is deactivated as soon as you press a second key in a command sequence, select **Single command**.

#### 4.2.22 Braille

**To activate or deactivate Braille output:**

- Press **[TALKS]**, **[Exit]**.

For more information about using Braille output, see the user guide for the TALKS driver that comes with your Braille display.

#### 4.2.23 Full list items

Some menu items are too long to fit completely on the screen of your phone, so part of the item's text does not appear. TALKS attempts to read the full text of such items. However, you can set TALKS to read exactly what appears on the screen.

**To have TALKS read out only the part of menu items that appears on the screen:**

1. In the **TALKS&ZOOMS Settings** dialog box, on the **Advanced** tab, select **Full list items**.
2. Select **No**.

## 5 Magnifying with ZOOMS

This chapter describes the Nuance ZOOMS magnification component, which you can obtain in a standalone configuration and also in combination with the Nuance TALKS software. Magnification is available with or without speech output; if your version supports only magnification or only speech output, the features that correspond to the missing component are not available.

### 5.1 Getting started with magnification

The magnification feature acts like a magnifying glass, enlarging screen elements to enable you to view them more easily. You can move the magnifier around the screen to access different areas. The portion of the screen that is enlarged depends on your settings and the actions that you are performing. For example, ZOOMS can use the entire screen area to magnify one element (referred to here as *full-screen magnification*) or divide the screen into several areas to display several elements simultaneously (referred to as *distributed views*). When you scroll through a menu or a list of options, ZOOMS magnifies each item along with some of the surrounding area.

Using key commands, you can easily move the magnifier to elements such as the title of the window, the soft keys, or the display of the battery level—and at the same time, you can hear TALKS read out the information that you are viewing. In addition, when the magnifier is on an object that does not fit entirely onto the screen, such as a menu item, the smart scrolling feature automatically begins to scroll through the text after a brief delay.

If you prefer gray text to colored text, you have an option to convert the text to shades of gray and to invert the colors so that the display looks like a film negative.

**To turn on magnification:**

- Press [TALKS], [Call].
- Or
- In the **TALKS&ZOOMS Settings** dialog box, on the **Magnification** tab, set **Magnification** to **On**.

The magnification feature is activated and, using the area of the entire screen, displays a magnified version of one portion of the screen (to find out how to change this display mode, see section 5.3).

### 5.2 Navigating with the magnifier

Most of the navigation keys described in this section correspond to the keys that activate TALKS speech output for certain parts of the screen. If TALKS is active along with ZOOMS, the key sequences produce speech and magnify the screen at the same time.

**To scroll vertically or horizontally:**

- Press and hold [Up], [Down], [Left], or [Right], depending on the direction in which you want to scroll. (To stop the scrolling, release the key.)

**Note:** To navigate through menus one by one, press and release [Up] or [Down] just as you do when magnification is not active.

**To magnify one of the soft keys:**

- Press [TALKS],[Key 1]. Press this key sequence again to move to the other soft key.

**To magnify the status indicators:**

- Press [TALKS],[Key 2] once to view the battery indicator, in the upper right corner.

- Press [TALKS],[Key 2] twice rapidly to view the network indicator, in the upper left corner.

**To magnify items in the upper part of the screen (such as tabs, the case indicator, or application icons):**

- Press [TALKS],[Long Key 2]

**Note:** This key sequence usually applies to functions that are relevant to the active application rather than the entire phone application.

**To magnify the title of the window:**

- Press [TALKS],[Select].

**To magnify the line of text where the cursor is:**

- Press [TALKS],[Left].

**To magnify the currently selected object:**

- Press [TALKS],[Up].

### **5.3 Magnification settings**

This section describes the various options that you can select to customize the ZOOMS magnification feature to your needs. To change any of these settings, open the **TALKS&ZOOMS Settings** dialog box and select the **Magnification** tab.

#### **5.3.1 Screen mode**

The **Screen mode** setting determines how the screen is divided when magnification is active. You have two options:

- **Full screen:** ZOOMS uses the entire screen area to display a magnified version of one subsection of the active window.
- **Distributed views:** The screen is divided into four parts: a large section at the center; a smaller section at the top, showing the title of the window at twice its normal size; and two small sections at the lower end of the screen, which show the soft keys at twice their normal size. The **Distributed views** option is intended mainly for use at low zoom factors (see section 5.3.2), and it keeps important information visible just as the un-magnified screen would.

**To switch the Screen mode setting:**

- Press [TALKS],[\*].

#### **5.3.2 Zoom factor**

The zoom factor is a measure of magnification—for example, a zoom factor of 200% means that the display is shown at twice its normal size.

In addition to various degrees of magnification, the **Zoom factor** parameter provides an option called **Auto-fit focus**. If you select this option, the zoom factor changes dynamically to make the text always appear at a certain height regardless of its size on the original display. The height of the text depends on what you select for the **Auto-fit focus** parameter (see section 5.3.3).

If you do not want the screen to be magnified but do want to use other **Magnification** tab settings, such as **Inverted Colors**, set **Zoom factor** to 100%.

**To change the degree of magnification:**

- Press [TALKS], [7] to zoom out, or [TALKS], [8] to zoom in.

**Note:** When **Zoom factor** is set to **Auto-fit focus**, these key sequences change the number of lines that are visible at one time. See section 5.3.3.

*Or*

- On the **Magnification** tab, select **Zoom factor**, and then select either a percentage of magnification or **Auto-fit focus**.

### 5.3.3 Auto-fit focus

The **Auto-fit focus** setting controls approximately how many lines of text are visible at one time. The fewer the lines, the larger the text is. For example, if you select the **1 text line** option, the text is enlarged to fit the height of the screen. If you select **5 text lines**, the text is enlarged to a much smaller degree. **Auto-fit focus** is applicable only if you have already set the **Zoom factor** parameter to **Auto-fit focus**.

**To change the number of lines visible on the screen at one time:**

- Press **[TALKS], [7]** to view more lines on the screen, or **[TALKS], [8]** to view fewer lines.  
**Note:** This key sequence changes the number of visible lines only if the **Zoom factor** parameter is set to **Auto-fit focus**.

*Or*

- On the **Magnification** tab, select **Auto-fit focus**, and then select a number of lines.

### 5.3.4 Color processing

Using the **Color processing** setting, you can customize the color display to make the text more readable for you. You have the following options:

- **None:** Retains the original screen colors
- **Black/white:** Replaces the colors with a high-contrast black-and-white display
- **Greyscale:** Replaces the colors with shades of gray

### 5.3.5 Invert colors

Use the **Invert colors** setting to reverse the colors on the screen and create a negative of the image to improve readability. For example, when you set **Invert colors** to **Yes**, black areas become white, and white areas become black.

**To invert the colors or reset them to the original colors:**

- Press **[TALKS],[Long \*]**.

### 5.3.6 Scrolling speed

By default, the magnifier scrolls across the screen automatically. The **Scrolling speed** setting controls the speed of this automatic scrolling (see section 5.3.7) as well as the speed at which you can scroll manually with the navigation keys. You can select a value from 1 (slowest) through 6 (fastest).

### 5.3.7 Auto-scroll delay

As described in section 5.3.6, the magnifier scrolls across the screen automatically. However **ZOOMS** waits for a short period of time after the last change on the screen before the automatic scrolling begins. Use the **Auto-scroll delay** setting to control how long **ZOOMS** should wait before beginning the automatic scrolling. You can select a value from 0.25 second to 4 seconds. If you don't want the magnifier to scroll automatically, select **No**. You can scroll manually with the navigation keys.

The speed at which the magnifier scrolls depends on the **Scrolling speed** setting (see section 5.3.6).

## Appendix A: TALKS function-key quick reference

Table 6 lists all the key sequences that are assigned to TALKS functions. Note that to start each key sequence, you press **[TALKS]**, which is the **[Edit]** key of your Series 60 phone. *Long* means holding down a key for about a second before releasing it.

Table 6

TALKS key sequence	Description
[TALKS], [0]	Activates and deactivates the training mode
[TALKS], [#]	Repeats the last phrase
[TALKS], [Long #]	Repeats the phrase before the last
[TALKS], [Select]	Reads the current window, just as after a window change
[TALKS], [Key 1]	Reads the names of the soft keys
[TALKS], [Key 2]	Reads the status of the battery, the network, and other elements
[TALKS], [Long Key 2]	Reads the status indicators related to text entry
[TALKS], [1]	Switches between the various key echo modes. Each time that you press the sequence, you switch to a different mode.
[TALKS], [2]	Activates and deactivates the announcement of uppercase letters
[TALKS], [3]	Activates and deactivates the use of the NATO spelling alphabet
[TALKS], [4]	Switches between the various modes of punctuation reading
[TALKS], [5]	Decreases the volume of the speech output
[TALKS], [6]	Increases the volume of the speech output
[TALKS], [7]	Decreases the speed of the speech output
[TALKS], [8]	Increases the speed of the speech output
[TALKS], [9]	Reads the time and date
[TALKS], [Long 2]	Lets you select the way the cursor moves when you press the <b>[Left]</b> and <b>[Right]</b> keys: <b>Letter</b> , <b>Word</b> , and <b>Original</b>
[TALKS], [Long 4]	Turns the graphics mode on and off
[TALKS], [Long 7]	Turns the echo of passwords on and off
[TALKS], [Up]	Reads the selected object or current line of text; in the web browser, also reads the text before the selected object

<b>TALKS key sequence</b>	<b>Description</b>
[TALKS], [Long Up]	Spells out the selected object or current text line; in the web browser, also spells out the text before the selected object
[TALKS], [Left]	In a text field, reads the character to the right of the cursor
[TALKS], [Right]	In a text field, reads the word in which the cursor is located; in the web browser, reads the selected object
[TALKS], [Long Right]	In a text field, spells out the word in which the cursor is located; in the web browser, spells out the selected object
[TALKS], [Down]	Reads the text from the location of the cursor on; in the web browser, reads the selected object and the text below it
[TALKS], [Long Down]	Reads the selected text; in the web browser, spells out the selected object and the text below it
[TALKS], [Menu]	Opens the <b>TALKS&amp;ZOOMS Settings</b> dialog box
[TALKS], [Clear]	Turns speech off and on. This feature is useful when you want to listen to ring tones or use the Recorder application.
[TALKS], [Long Clear]	Deactivates speech completely, and reactivates it when you press this sequence again
[TALKS], [Exit]	Turns Braille output on and off; see the additional manual for Braille, which you can obtain from your Braille device manufacturer
[Long TALKS]	Stops the current speech output
[TALKS], [TALKS]	Opens the <b>Edit</b> menu

## Appendix B: ZOOMS function-key quick reference

Table 7 lists all the key sequences that are assigned to ZOOMS functions. Note that to start each key sequence, you press **[TALKS]**, which is the **[Edit]** key of your Series 60 phone. *Long* means holding down a key for about a second before releasing it.

Table 7

ZOOMS key sequence	Description
[TALKS], [Call]	Activates and deactivates magnification
[TALKS], [Key 1]	Magnifies a soft key
[TALKS], [Key 2]	Magnifies the status indicators
[TALKS], [Long Key 2]	Magnifies items in the upper part of the screen (such as tabs, the case indicator, or application icons)
[TALKS], [Select]	Magnifies the title of the window
[TALKS], [Left]	Magnifies the line of text where the cursor is
[TALKS],[Up]	Magnifies the currently selected object
[TALKS],[*].	Switches the <b>Screen mode</b> setting
[TALKS], [7]	Zooms out (displays more lines on the screen)
[TALKS], [8]	Zooms in (displays fewer lines on the screen)
[TALKS],[Long *]	Inverts the colors or restores them to the original colors

## Appendix C: Phone keypad descriptions

### 1. Nokia 3650 and 3600

The on/off button is located on the upper edge of the phone, on the right-hand side.

The thin, horizontal keys immediately below the display are the soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

The round button below the left end of **[Key 1]** is **[Call]**. The round button below the right end of **[Key 2]** is **[Exit]**.

The small round button below **[Call]** is **[Edit]**. The Nuance Accessibility Suite software uses this key as the activation key for screen-reading functions. The small round button below **[Exit]** is **[Clear]**.

On the round part of the keypad is a concave five-way button. You can press it in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the center of the button (called **[Select]** in this guide).

The **[1]** key is located immediately to the left of the five-way button, and **[0]** is located to the right of that button. The other number keys are arranged in a circle in a counterclockwise direction, with a raised dot on the **[5]** key.

Inside this circle are three more keys:

- **[\*]**, to the right of **[2]** and **[3]**
- **[#]**, to the left of **[8]** and **[9]**
- **[Menu]**, above **[5]** and **[6]**

### 2. Nokia 3660 and 3620

The on/off button is located on the upper edge of the phone, on the right-hand side.

The thin, horizontal keys immediately below the display are the soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

The round button below the left end of **[Key 1]** is **[Call]**. The round button below the right end of **[Key 2]** is **[Exit]**.

The small round button below **[Call]** is **[Edit]**. The Nuance Accessibility Suite software uses this key as the activation key for screen-reading functions. The small round button below **[Exit]** is **[Clear]**.

On the round part of the keypad is a concave five-way button. You can press it in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the center of the button (called **[Select]** in this guide).

The **[Menu]** key is located to the left of the five-way button.

A standard numeric keypad is located below these keys, with the keys in the left and right column somewhat slanted:

[1], [2], [3]  
[4], [5], [6]  
[7], [8], [9]  
[\*], [0], [#]

### 3. *Nokia 6260*

This phone has a clamshell design. When you flip open the phone, you can see the display area on the upper part and the numeric keypad on the lower part. You can also twist the upper part 180° and still see the display.

To find the on/off button, flip open the phone. The button is located on the upper part of the phone, in the upper-right corner.

On the upper part of the phone, the rectangular button centered just below the display area is a five-way button. You can press it in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the slightly raised center of the button (called **[Select]** in this guide).

The two keys just under the display, to the left and right of the five-way button, are the soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

The slightly raised key below **[Key 1]** is **[Menu]**, below which is **[Edit]**. The Nuance Accessibility Suite software uses this key as the activation key for screen-reading functions. The key below **[Key 2]** is **[Clear]**.

On the lower part of the phone, the keys at the very top are **[Call]**, on the left, and **[Exit]**, on the right.

A standard numeric keypad is located below these keys:

[1] [2] [3]  
[4] [5] [6]  
[7] [8] [9]  
[\*] [0] [#]

On the lower part of the phone, on the right edge, are two buttons for pushing the volume up and down during a call, and a dedicated push-to-talk (PTT) button. The location of these buttons enables you to use them when the phone is closed.

Unlike most other phones, the camera in the 6260 model is on the left side of the lower part of the phone, just below the hinge mechanism.

### 4. *Nokia 6600 and 6620*

The on/off button is located on the upper edge of the phone, on the left-hand side.

In the center of the phone, just below the display is a concave five-way button. You can press it in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the center of the button (called **[Select]** in this guide).

The thin, horizontal keys to the left and right of the five-way button are the soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

A standard numeric keypad is located below these keys:

[1] [2] [3]  
[4] [5] [6]  
[7] [8] [9]  
[\*] [0] [#]

On the left edge, starting from the top, are the **[Call]** key, **[Menu]** key, and **[Edit]** key. The Nuance Accessibility Suite software uses this key as the activation key for screen-reading functions.

On the right edge of the phone are the **[Exit]** and **[Clear]** keys.

## 5. Nokia 6630

The on/off button is located on the right edge of the phone, near the top. Below this button is the cover for the memory card slot (indicated by a ridge along the side of the phone).

At the top of the left edge, opposite the on/off button, is a button for using voice tags.

In the center of the phone, just below the display, is a concave five-way button. You can press it in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the center of the button (called **[Select]** in this guide).

The smooth keys to the left and right of the five-way button are the soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

A standard numeric keypad is located below these keys:

[1] [2] [3]  
[4] [5] [6]  
[7] [8] [9]  
[\*] [0] [#]

On each side of the numeric keypad is a vertical strip of keys. On the left side are the **[Call]** key, and below it, the **[Menu]** key. On the right side, the uppermost key is the **[Exit]** key; in the middle is the **[Clear]** key; and below that is the **[Edit]** key. The Nuance Accessibility Suite software uses this key as the activation key for screen-reading functions.

## 6. Nokia 6670

The on/off button is located on the upper edge of the phone, on the left-hand side.

In the center of the phone, just below the display, is a concave five-way button. You can press it in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the center of the button (called **[Select]** in this guide).

The keys to the left and right of the five-way button are the soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

A standard numeric keypad is located below these keys:

[1] [2] [3]  
[4] [5] [6]  
[7] [8] [9]  
[\*] [0] [#]

[

On each side of the numeric keypad is a vertical strip of keys. On the left side are the **[Call]** key, and below it, the **[Menu]** key. On the right side, the uppermost key is the **[Exit]** key; in the middle is the **[Clear]** key; and below that is the **[Edit]** key. The Nuance Accessibility Suite software uses this key as the activation key for screen-reading functions.

## 7. Nokia 7610

The on/off button is located on the upper edge of the phone, on the left-hand side.

Just below the display is a five-way button that has the shape of a flat ring, with a slightly raised center. You can press this button in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the center of the button (called **[Select]** in this guide).

The keys to the left and right of the five-way button, under the display, are the soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

Below **[Key 1]** is the **[Menu]** key; below **[Key 2]** is the **[Clear]** key.

To the left of **[Key 1]** is the **[Call]** key, and under it, the **[Edit]** key. The Nuance Accessibility Suite software uses this key as the activation key for screen-reading functions. To the right of **[Key 2]** is the **[Exit]** key.

The numeric keypad consists of the usual keys in the standard order:

[1], [2], [3]  
[4], [5], [6]  
[7], [8], [9]  
[\*], [0], [#]

However, the keypad is asymmetric. It is skewed to the left side and somewhat twisted. As a result, the upper keys are much smaller than the lower keys

## 8. Nokia 7650

The on/off button is located on the right edge of the phone, at the very top.

The keys just below the display are the soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

In the center, just below the soft keys, is a five-way button. You can press it in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the center of the button (called **[Select]** in this guide).

To the left of the five-way button is **[Menu]**.

At the top of the left edge is the button for using voice tags.

When you open the sliding cover, the numeric keypad appears on the front side and the camera appears in the rear. The top row of this keypad consists of four keys: **[Edit]**, which the Nuance Accessibility Suite software uses as the activation key for screen-reading functions; **[Call]**; **[Exit]**; and **[Clear]**.

Below this row are the standard number keys:

[1] [2] [3]  
[4] [5] [6]  
[7] [8] [9]  
[\*] [0] [#]

## 9. Nokia N-Gage™

The on/off key is located on the right edge of the phone, at the top.

To the left of the display is a five-way button that has four raised sections. You can press this button in four directions ([Up], [Down], [Left], and [Right]) to navigate on the screen. To select an item, press the center of the button (called [Select] in this guide).

Below the five-way button is a row of three keys: [Music], for activating the MP3 player; [Radio], for turning on the FM radio; and [Menu].

Below this row are the [Clear] key and one of the two soft keys, [Key 1], below the display and to the left. The other soft key, [Key 2], and the [Edit] key are located on the opposite side of the phone, below the display and to the right. The Nuance Accessibility Suite software uses the [Edit] key as the activation key for screen-reading functions.

Above the five-way button, to the left of the display, is the [Call] key. The [Exit] key is opposite [Call], to the right of the display.

A standard numeric keypad is located to the right of the display:

[1] [2] [3]  
[4] [5] [6]  
[7] [8] [9]  
[\*] [0] [#]

Keys [5] and [7] have large raised dots to assist in orientation.

**Note:** The headset that comes with the N-Gage phone has two plugs, which fit into jacks on the front edge of the phone. If the plugs are not in the proper jacks, you can occasionally hear a clicking noise.

The loudspeaker is located on the top edge of the phone, on the right-hand side, and the microphone is located on the left-hand side. The positions of these elements are somewhat unusual for people who do not use a headset.

## 10. Nokia N-Gage QD

The on/off button is located on the right edge of the device, at the top.

To the left of the display is a four-way button with four raised dots. You can press this button in four directions ([Up], [Down], [Left], and [Right]) to navigate on the screen.

To select an item, press the round button (showing a check mark) that is located below and to the right of the four-way button. The round button is called [Select] in this guide.

Below the center of the four-way button is [Menu]. The curved key next to [Menu] is the left soft key, called [Key 1], and the curved key below it is [Call]. These keys are located beneath the lower left edge of the display area. On the opposite side are the two matching curved keys, [Key 2] and [Exit].

A numeric keypad with numbers displayed in the standard sequence is located to the right of the display and, along with **[Key 2]** and **[Exit]**, forms a semicircle:

**[1] [2] [3]**  
**[4] [5] [6]**  
**[7] [8] [9]**  
**[\*] [0] [#]**

The upper part of this semicircle contains two keys: on the left, the **[Edit]** key, and on the right, the **[Clear]** key. The Nuance Accessibility Suite software uses the **[Edit]** key as the activation key for screen-reading functions.

**Note:** The earpiece of the N-Gage QD is located on the left side, and the microphone on the right.

## **11. Siemens SX1**

To turn the phone on or off, press **[End]** for 1-2 seconds.

The eye-catcher of the SX1 phone is the arrangement of the number keys: keys **[1]** through **[5]** and the **[\*]** key are to the left of the display, and keys **[6]** through **[9]**, along with **[0]** and **[#]** are to its right.

In the center, below the display, is a five-way button. You can press it in four directions (**[Up]**, **[Down]**, **[Left]**, and **[Right]**) to navigate through menus. To select an item, press the center of the button (called **[Select]** in this guide).

Immediately below the display, to the left and right of the five-way button, are the two soft keys: **[Key 1]** on the left and **[Key 2]** on the right.

Below **[Key 1]** are the **[Call]** and **[Edit]** keys. The Nuance Accessibility Suite software uses the **[Edit]** key as the activation key for screen-reading functions. Below **[Key 2]** are the **[End]** and **[Clear]** keys.

On the right edge of the phone, near **[8]**, is the voice-tag key, and below it, the camera key.

**Note:** To lock and unlock the keypad, press **[#]** for one second.