Guide to Setting up the SpeechMike Premium (LFH 3500)

WARNING! You Must Run the Audio Setup Wizard
Before using any new microphone

Preparation:

1. Remove the Philips SpeechMike from the box and plug the USB end into any available USB port on your notebook or tablet computer. If you are using a desktop computer, please use the rear USB port because front and side USB ports are not as well shielded and NEVER use a USB splitter or powered hub.

2. Insert the included Philips CD into the CD/DVD drive. If the Philips Device Control Center install doesn’t appear automatically, browse the CD, double click PhilipsDeviceControlCenter and follow the remaining prompts.

3. Click **Install**

4. Click **Next**

5. Click **Next**

6. Click **Install**

7. Insert the **Checkmark** and click **Finish**
Audio Check

1. Before you can begin using your SpeechMike, you will need to click Check Microphone under the DragonBar Audio menu. If prompted, choose Microphone (SpeechMike III) followed by clicking Next.

2. Aim the SpeechMike towards your mouth and position it anywhere from 4 to 10 inches away (your comfort zone) and click Next. Click Start Volume Check and read the text until it turns gray. Then click Next.

3. Click Start Quality Check and read the text until it turns gray. Click Finish.
Programming the Buttons

1. If the Philips Device Control Center isn’t already open, launch it by double mouse clicking the Philips Device Control Center shortcut on your desktop. If you would like the Control Center to launch when you boot Windows, you might want to add a shortcut to the Device Control to your Windows Startup folder. The 1st time you launch the Philips Device Control Center you will see the following. You could actually read the introductions but you can optionally get right to it by clicking the Application control tab. Note that this SpeechMike model includes a gyroscope so if you lay it down on a flat surface, you will see the red circled Last event box with the words Laid down which means that your microphone is muted.

2. You can optionally use the Add or Remove buttons to add or remove application-specific commands but to keep it simple, the following step-by-step will show you how to create a global command. You can record specific commands to do one thing when you press the button and another when you release the button. A good example of this combination is the default Rewind button which moves the cursor backward (while you hold down the button) and turns the microphone off and stops when you release the button. For the sake of simplicity, we will program a macro into the Press button since this is the most common programming you will likely utilize.

3. Scroll down to Function key 1 and click the 1st button. Although it isn’t necessary to type a name for your command, we recommend filling in the name in case you forget. For this particular example, we’re going to reference a NaturallySpeaking command which moves the cursor to the end of the current paragraph. Choose a name like “move to end of paragraph” and click the Add.
4. Click Dragon NaturallySpeaking command followed by clicking Next. Click the Down arrow and choose User command.

5. Type the name of the command into the Command text box and note that the box is case-sensitive. You can type the name of any existing command you wish to deploy; including personal commands, NaturallySpeaking commands and even third-party commands such as the KnowBrainer 2012 Continue command which is the same as the NaturallySpeaking end of paragraph command. If you are using KnowBrainer 2012 type Continue but if not, type end of paragraph and click Finish. Click OK to complete the command.

6. The following is the most important part. Your new command will not work unless you click the Apply button so please do so now. If you go back to step #4 you will see options on creating various other commands which are self-explanatory.
1. Microphone
2. Record indicator light
3. Instruction
4. • EOL end-of-letter key, • PRIQ priority key
5. INS/OVR Insert/overwrite key
6. ◀ Rewind key
7. ○ Record key
8. ▶ Play/pause key
9. ► Fast forward key
10. Trackball, left mouse button
11. Left mouse button
12. Right mouse button
13. F1, F2, F3, F4 Programmable function keys
14. Speaker
15. USB cable
16. Barcode scanner (LFH3600 only)
17. Scan button (LFH3600 only)
18. Left mouse button
**Customize the SpeechMike**

Use the Device Control Center software to customize the SpeechMike to suit individual user needs.

The software allows to assign different functions to each key, enable or disable certain features and also to start and control applications with the SpeechMike.

**Customize SpeechMike keys and settings**

1. The dictation microphone must be connected to the computer with the USB cable.

2. If the option to start the Device Control Center automatically was selected during installation, open the program by clicking the icon in the notification area of the Windows task bar. To manually start the program, open the Windows start menu in Windows and select All Programs > Philips Speech Control > Philips Device Control Center.

   The current settings are automatically downloaded from the connected SpeechMike.

3. On the Device tab, configure device settings and select the function to be assigned to each key.

4. Click the Upload button to save the new settings.

**Note**

The SpeechMike can be reset to its factory default configuration by clicking the Defaults button. Click the Upload button to save the default settings.

**Tips**

- To test settings and key functions, use the Device test section on the Device tab.
- Press and hold the left and right mouse button on the SpeechMike simultaneously until the LEDs flash to activate and deactivate all mouse functions.
Use application shortcuts

The Device Control Center software allows to start and control other applications with the keys on the SpeechMike.

The Device Control Center software includes pre-installed profiles that make the SpeechMike ready for immediate operation with Dragon NaturallySpeaking speech recognition software and Microsoft Powerpoint. Additional profiles for other applications can be programmed.

1. If the option to start the Device Control Center automatically was selected during installation, the application icon 📱 appears in the notification area of the Windows task bar. To manually start the program, open the Windows start menu in Windows and select All Programs > Philips Speech Control > Philips Device Control Center.

2. Right-click on the application icon 📱 in the notification area of the Windows task bar and verify that 'Activate application control' is enabled. If the option is disabled, the configured settings and buttons will not function for any of the target applications.

<table>
<thead>
<tr>
<th>SpeechMike key</th>
<th>Assigned shortcut</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚫ Record</td>
<td>Record (push to dictate)</td>
</tr>
<tr>
<td>▶️ Play/Stop</td>
<td>Play from cursor position</td>
</tr>
<tr>
<td>◀️ Rewind</td>
<td>Move cursor backwards</td>
</tr>
<tr>
<td>▶️ Fast forward</td>
<td>Move cursor forwards</td>
</tr>
<tr>
<td>•EOL/•PRIO</td>
<td>Mark backwards</td>
</tr>
<tr>
<td>INS/OVR</td>
<td>Open correction window</td>
</tr>
</tbody>
</table>

Powerpoint profile

Use this profile to control Powerpoint presentations with the SpeechMike. The following settings are defined:

<table>
<thead>
<tr>
<th>SpeechMike key</th>
<th>Assigned shortcut</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚫ Record</td>
<td>Black screen</td>
</tr>
<tr>
<td>▶️ Play/Stop</td>
<td>White Screen</td>
</tr>
<tr>
<td>◀️ Rewind</td>
<td>Go to previous slide</td>
</tr>
<tr>
<td>▶️ Fast forward</td>
<td>Go to next slide</td>
</tr>
<tr>
<td>•EOL/•PRIO</td>
<td>End slide show</td>
</tr>
<tr>
<td>INS/OVR</td>
<td>Show/hide cursor</td>
</tr>
</tbody>
</table>

Note

Philips cannot guarantee the proper function of all assigned shortcuts, since shortcuts can differ among versions and languages.

Program a custom profile

It is possible to program shortcuts for other applications to control application functions with the keys of the SpeechMike.

1. The dictation microphone must be connected to the computer with the USB cable.

2. If the option to start the Device Control Center automatically was selected during installation, open the program by clicking the 📱 icon in the notification area of the Windows task bar. To manually start the program, open the Windows start menu in Windows and select All Programs > Philips Speech Control > Philips Device Control Center.

Note

Exit Philips SpeechExec software when using application shortcuts to prevent unintentional recording when controlling other applications.

Default profile

The default profile is applied automatically when there is no profile assigned to an application in focus. This profile is set up to control Dragon NaturallySpeaking with your SpeechMike. The following settings are defined:
3. On the tab **Application control**, click the **Add** button to create a new profile.

4. Browse and select the application executable and click on **OPEN**. A profile for the selected application will be added to the list of profiles.

5. Select a button from the button column and click the **Add** icon to assign a shortcut. You can assign different shortcuts for pressing and releasing a key. The shortcut editor window is displayed.

6. Enter name for the shortcut and click the **Add** button add an operation for the shortcut. The following options are available:
   - **Hotkey**: Assign a keyboard shortcut
   - **Text**: Enter the text to be inserted when a key on the SpeechMike is pressed
   - **Start application**: Start an application by pressing a key on the SpeechMike
   - **Mouse button**

7. You can add one operation or a sequence of operations for every shortcut.

8. Click the **Apply** button to save the new settings.

**Note**
The **Device Control Center** cannot be used to program application shortcuts for Philips SpeechExec software. Shortcuts for Philips SpeechExec can be configured in the **General settings** menu of SpeechExec. See the SpeechExec application help for more information.

**Tip**
Application control configuration settings can be saved into files and imported later to apply the same configuration settings to several devices.

**Use the motion sensor**
The SpeechMike features an integrated motion sensor that detects when the device is put on the table and is being picked up again. The motion sensor can mute and unmute the microphone automatically or custom functions can be programmed, e.g., to pause and to continue recording. Use the **Device Control Center** software to enable automatic muting of the microphone (**Device tab > Advanced settings**) or to program custom functions (**Application control tab**).
**Tip #1:** Press and hold the F2 and F4 keys on the SpeechMike simultaneously until the record indicator light flashes to activate and deactivate the automatic muting of the microphone using the motion sensor.

**Tip #2:** If your EMR application doesn’t accept the SpeechMike III driver, press and hold the F1 and F3 keys simultaneously to apply a legacy setting which will make your application think that you are using the SpeechMike LFH-5276, from within the Philips Device Control Center.

**Tip #3:** Philips updates occur frequently and the DVD that’s included in the box may not have the latest application. We recommend occasionally visiting the Philips website at [http://www.dictation.philips.com/us/support-contact/product-support/product/speechmike_premium_usb_dictation_microphone/](http://www.dictation.philips.com/us/support-contact/product-support/product/speechmike_premium_usb_dictation_microphone/) to ensure that you are using the latest and Device Control Center utility and firmware.

**Trouble-shooting the LFH-3500**

As with any handheld microphone made by any manufacturer, you may experience an occasional loss of button functionality. When the NaturallySpeaking microphone is turned on, you should see a red LED bar across the top of the Philips name on your SpeechMike. If you do not see the red light, you have lost full USB connectivity even though the most buttons and microphone will still work. If you do not see a red lit LED bar (when the DNS microphone is toggled on), verify that the Device Control Center is running in your taskbar (usually as a hidden icon). If you can see all 4 tabs, the software is running but Windows has turned off (timed out) power to your USB port. This is the default setting for all computers and while it is designed to save power, this setting is unnecessary for desktop computers and can get in the way of using the SpeechMike. When the red LED light is out, the programmable buttons will not work although you will still be able to use the microphone, rollerball and mouse buttons. You can temporarily re-enable the SpeechMike by unplugging it, waiting a few seconds and plugging it back into the USB port but if you don’t press any of the SpeechMike buttons for 30 - 45 minutes, Windows may toggle power to the USB port off again. If you wish to permanently prevent Windows from toggling off power to your computer’s USB ports and disabling the programmable buttons, see following:

1. Begin by opening your Windows Control Panel. If you are using the default View by: Category setting click System and Security. If your Control Panel is set to View by: Large icons or small icons, click the System icon.

2. Click System.

3. **Click Device Manager** in the upper left-hand corner of the Window.
4. Click Devices by connection under the View menu

5. Expand 1st line ACPI x64-based PC/PCI bus/Intel(R) ICH10 family PCI Express Root Port 1

6. Right click on the 1st USB Root Hub and select Properties
7. Click **Power Management** and remove the checkmark from **Allow the computer to turn off the device to save power**

8. Repeat #6 for each USB device

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