

## Installation Guide

# PowerMic™ Microphones

USB PowerMic™

PowerMic+Scanner

PowerScanner™

HEALTHCARE SOLUTIONS



**Dictaphone**

**Dictaphone®**

***Giving New Meaning to Voice...***

## **Installation Guide**

# **PowerMic™ Microphones**

USB PowerMic™

PowerMic+Scanner

PowerScanner™

**Dictaphone®**

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## Revision History

DOCUMENT NUMBER	SOFTWARE VERSION	DESCRIPTION	DATE
L-2770-001	N/A	Initial release	06/2003
L-2770-002	N/A	Updated procedures	02/2004

Published by Dictaphone Corporation  
Stratford, Connecticut, USA

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## Introduction

This Installation Guide provides you with important information about installing your *PowerMic*<sup>™</sup> microphone for use with Dictaphone<sup>®</sup> dictation software. It includes installation instructions for the following models:

- *USB PowerMic* (Part #0331039-002)  
This is the standard *PowerMic* microphone with a USB connection to your computer. Installation procedures begin on page 4.
- *PowerMic+Scanner* (Part #0331040-002)  
This is the *PowerMic* microphone and barcode scanner with a USB connection to your computer. Installation procedures begin on page 5.
- *PowerScanner* (Part #0331005-007)  
This is the *PowerMic* microphone and barcode scanner with a serial connection to your computer. Installation procedures begin on page 10.

Be sure to follow the installation instructions for the model you have purchased.

## Using Your Microphone

Refer to the user documentation and online help provided with your Dictaphone dictation software for information on how to use your microphone's features for recording dictation with your particular application.

### **Prerequisites**

#### **USB PowerMic and PowerMic+Scanner:**

Windows® XP or Windows® 2000 operating system.

**PowerScanner:** Windows NT®, Windows® XP, or Windows® 2000 operating system. The Turtle Beach™ Santa Cruz™ sound card, which is the sound card approved and supported by Dictaphone for use with the *PowerScanner*, must be installed on your computer.



**Note:** *The prerequisites below are for the microphone only. Your dictation software has its own set of minimum hardware and software requirements. Check your dictation software's user documentation to be sure the software can run on your computer.*

### **Additional Requirements**

#### **USB PowerMic**

- This model of the *PowerMic* does not require the installation of any files.
- It is recommended that you install and run the Microphone Wizard (MicWiz) program to test your microphone.

#### **PowerMic+Scanner**

- This model of the *PowerMic* requires the installation of a set of scanner driver files.
- It is recommended that you install and run the Microphone Wizard (MicWiz) program to test your microphone.



### PowerScanner

- This model of the *PowerMic* requires the use of a Turtle Beach Santa Cruz sound card and its drivers installed on your computer.
- It is also required that you install and run the Microphone Wizard (MicWiz) program to test your microphone.

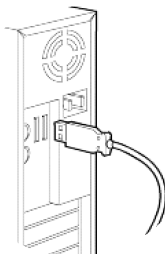
The drivers for the *PowerMic+Scanner* and the MicWiz program are available on the **USB Microphone Driver CD** that is included with your microphone. These same files, as well as the drivers for the Turtle Beach Santa Cruz sound card, are also available for download from the Dictaphone Web site at [www.dictaphone.com](http://www.dictaphone.com). Refer to subsequent sections of this Installation Guide for information on how to download and install these files.

## **USB PowerMic™ Microphone**

### **Installing the USB PowerMic**

#### **To install the USB PowerMic:**

Connect the *USB PowerMic's* **USB cable** to an available **USB port** on the front or back of your computer.



You can begin using the *USB PowerMic* immediately.

However, it is recommended that you follow the procedures to install the Microphone Wizard program and test your *USB PowerMic* as indicated in *Installing the Microphone Wizard Program* on page 15.

## **USB PowerMic+Scanner Microphone**

Before using your *PowerMic+Scanner*, you will need to install a set of scanner driver files. The necessary drivers are on the **USB Microphone Driver CD** that is included with your microphone (see below). The drivers are also available for download from the Dictaphone Web site (see page 6).

### **Installing the Driver Files**

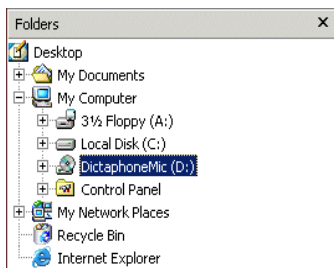
**To install the drivers for the PowerMic+Scanner from the USB Microphone Driver CD:**

1. Insert the **USB Microphone Driver CD** into your computer's CD-ROM drive.
2. Start the **Windows Explorer** application.  
To open Windows Explorer, select **Start > Programs > Accessories > Windows Explorer**.

OR

Select **Start > Run...**, type **explorer.exe**, and then click **OK**.

3. In the left pane, select the CD-ROM drive (usually the D: drive) identified as **DictaphoneMic (D:)**.



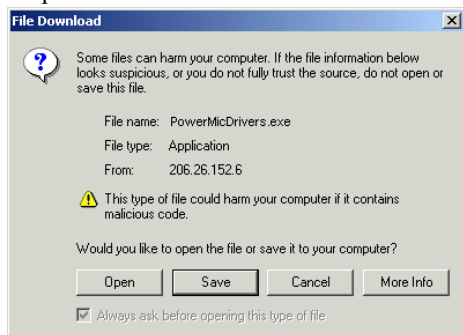
4. In the right pane, right-click the **USBSerialDrv** folder and select **Copy** from the shortcut menu.
5. In the left pane, navigate to your **C:\Windows** or **C:\WINNT** folder where you will save the driver files. (The name of this folder depends on the operating system on your PC.)
6. Right-click this folder and select **Paste** from the shortcut menu. The **USBSerialDrv** folder is copied into the Windows/WINNT folder. The drivers are now installed.

You can now install your microphone as indicated in *Installing the USB PowerMic+Scanner* on page 9.

### **To download the drivers from the Dictaphone Web site:**

1. Start **Internet Explorer** and go to the Dictaphone Web site at [www.dictaphone.com](http://www.dictaphone.com).
2. Click the **Support** link in the top navigation bar on the Dictaphone home page.
3. On the **Support** page, scroll down and click the **Downloads** link. You can go directly to the Downloads page at <http://www.dictaphone.com/support/productService/downloads.asp>.
4. Click the heading **PowerMic Microphones**.
5. Click the link under the heading **USB PowerMic+Scanner Microphone** to download the drivers.

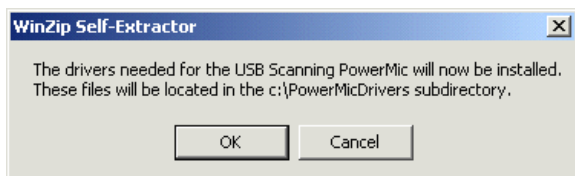
- When prompted to do so, click **Save** to save the installation file, **PowerMicDrivers.exe**, on your computer.



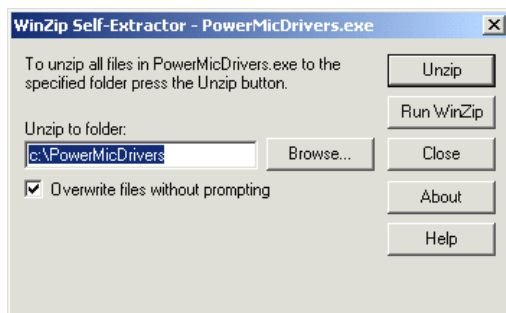
- In the **Save As** dialog box, navigate to and select your **Temp** folder (C:/Temp) where you will save the downloaded file.
- Click **Save** to begin the download. When the download is finished, click **Close** and continue with the procedure below for installing the drivers.

### To install the drivers from the downloaded installation file:

- Open **Windows Explorer**, navigate to the **Temp** folder where you downloaded the drivers, and double-click the **PowerMicDrivers.exe** file. A message displays telling you the drivers will be installed.



2. Click **OK**. A file extraction dialog box opens.

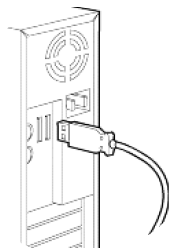


3. Click **Unzip** to begin extracting the files. Accept the default location so that the drivers are extracted to **C:\PowerMicDrivers**.
4. When the extraction of files is finished, click **OK** and close any remaining dialog boxes.
5. Connect your *PowerMic+Scanner* to your computer as indicated in *Installing the USB PowerMic+Scanner* on page 9.
6. Run the **Microphone Wizard** (MicWiz) program to test your microphone as indicated in *Installing the Microphone Wizard Program* on page 15.

### Installing the USB PowerMic+Scanner

To install and connect the USB PowerMic+Scanner microphone to your PC:

1. After downloading and installing the drivers for the *USB PowerMic+Scanner* microphone, connect the **USB cable** to an available **USB port** on the back or front of your computer.



2. Your computer will automatically detect the new device and open the **Hardware Installation Wizard**. Follow any instructions provided by the Hardware Installation Wizard. When prompted to indicate the location of the *PowerMic+Scanner's* driver files, enter the name and location of the folder where the drivers were installed, that is, **C:\PowerMicDrivers**.
3. Follow the remaining instructions provided by the Wizard, keeping the default settings.
4. It is recommended that you follow the procedures to install the Microphone Wizard program and test the *PowerMic+Scanner* as indicated on page 15.

When the installation is complete, you are ready to use the *PowerMic+Scanner*.

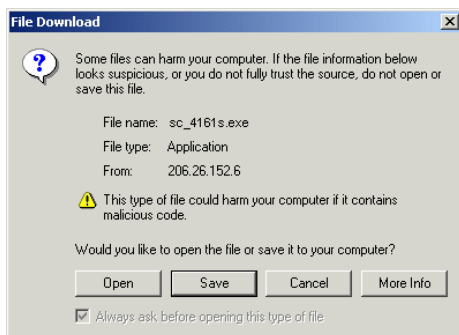
## **PowerScanner™ Microphone**

The *PowerScanner* microphone connects to a serial port on your computer. Before you install the *PowerScanner*, be sure you have installed the Turtle Beach Santa Cruz sound card and its driver files following the manufacturer's instructions. The drivers are provided with your sound card, or you can download them from the Dictaphone Web site.

### **To download the sound card drivers from the Dictaphone Web site:**

1. Start **Internet Explorer** and go to the Dictaphone Web site at [www.dictaphone.com](http://www.dictaphone.com).
2. Click the **Support** link in the top navigation bar on the Dictaphone home page.
3. On the **Support** page, scroll down and click the **Downloads** link. You can go directly to the Downloads page at <http://www.dictaphone.com/support/productService/downloads.asp>.
4. Click the heading **PowerMic Microphones**.
5. Click the link for your computer's operating system under the heading **PowerScanner Serial Microphone** to download the correct drivers.
6. When prompted to do so, click **Save** to save the installation file on your computer.



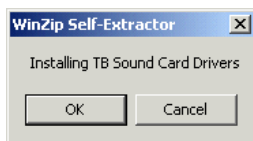


7. In the **Save As** dialog box, navigate to and select your **Temp** folder (C:/Temp) where you will save the downloaded file.
8. Click **Save** to begin the download. When the download is finished, click **Close** and continue with the procedure below for installing the drivers for the sound card.

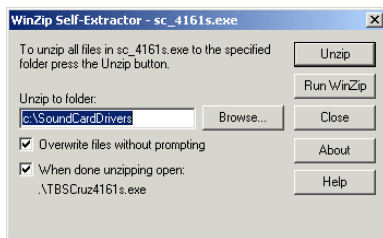
**To install the drivers from the downloaded installation file:**

1. Open **Windows Explorer**, navigate to the **Temp** folder where you downloaded the drivers, and double-click the executable file for your operating system:
  - **sc\_4161s.exe** for Windows 2000 and Windows XP
  - **TBSCWin98Drivers.exe** for Windows 98 and Windows ME
  - **TBSCWinNTDrivers.exe** for Windows NT

A message, similar to the one shown below, displays telling you the drivers will be installed.



2. Click **OK**. A file extraction dialog box opens.



3. Click **Unzip** to begin extracting the files. Accept the default location so that the drivers are extracted to **C:\SoundCardDrivers**.
4. When the extraction of files is finished, click **OK**. The InstallShield Wizard opens and installs the driver files automatically.
5. If a **Reboot needed** message indicates that you should restart your computer, close any open applications, and click **Yes**.
6. When your computer is restarted, connect your *PowerScanner* to your computer as indicated in *Installing the PowerScanner* on page 13.
7. Run the **Microphone Wizard** (MicWiz) program to test your microphone as indicated in *Installing the Microphone Wizard Program* on page 15.

## **Installing the PowerScanner**

### **To install the PowerScanner:**

1. The *PowerScanner*'s cable is split into five cables.
  - a. Insert the **speaker cable** into the sound card's **Speaker port**. The speaker cable's connector is green and has a small speaker icon embossed on it.
  - b. Insert the **MIDI cable** into the sound card's **Mic port**. The MIDI cable's connector is orange and has a small microphone icon embossed on it.
  - c. Insert the **game port connector** (15-pin connection) into the sound card's **game port**.
  - d. Insert the **serial cable** (7-pin connection) into a **serial port** on your computer.

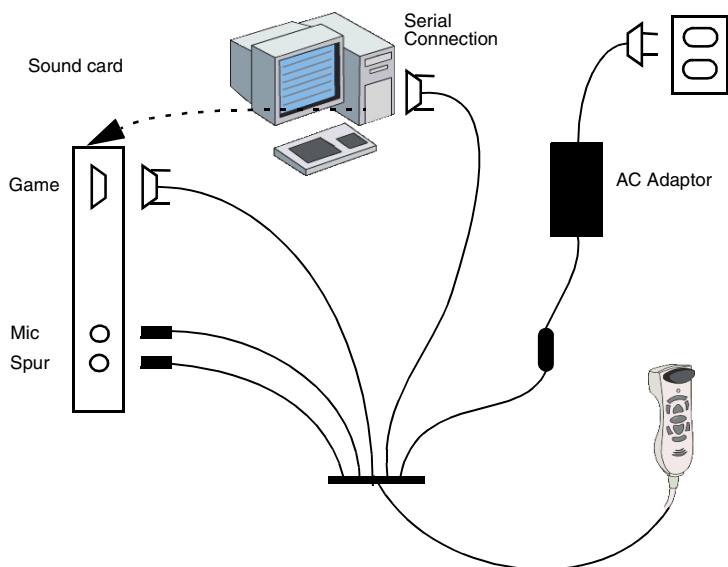


**Note:** Refer to your sound card's documentation if you need help locating these ports.

- e. Connect the **remaining cable** to the **Switching AC Adaptor's cable**.
2. Plug the **Switching AC Adaptor's power cord** into an **electrical outlet**.
3. Follow the instructions beginning on page 15 to install the Microphone Wizard and test the microphone. When you have finished the test, you are ready to use the *PowerScanner*.

## ***PowerMic™ Microphones Installation Guide***

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### **Installing the Microphone Wizard Program**

The Microphone Wizard (MicWiz.exe) is a program you use to test your microphone.

If you have the *PowerScanner* serial microphone, it is *required* that you use the MicWiz program to test your microphone before using it.

If you have the *USB PowerMic* microphone or the *USB PowerMic+Scanner* microphone, it is *recommended*, but not required, that you use the MicWiz program to test your microphone.

The Microphone Wizard can be installed from the **USB Microphone Driver CD** (see below) and is also available for download from the Dictaphone Web site (refer to page 17).

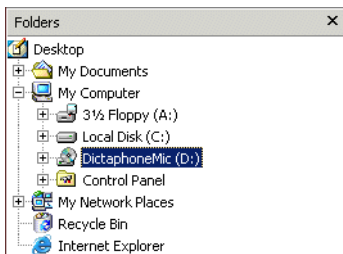
#### **To install the Microphone Wizard application from the USB Microphone Driver CD:**

1. Insert the **USB Microphone Driver CD** into your computer's CD-ROM drive.
2. Start the **Windows Explorer** application.  
To open Windows Explorer, select **Start > Programs > Accessories > Windows Explorer**.

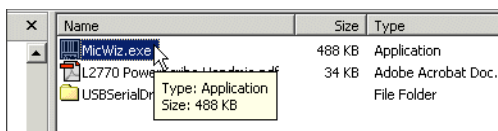
OR

Select **Start > Run...**, type **explorer.exe**, and then click **OK**.

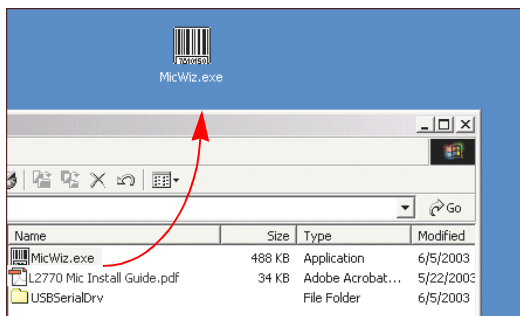
3. In the left pane, select the CD-ROM drive (usually the D: drive) identified as **DictaphoneMic (D:)**.



4. In the right pane, select the **MicWiz.exe** file.



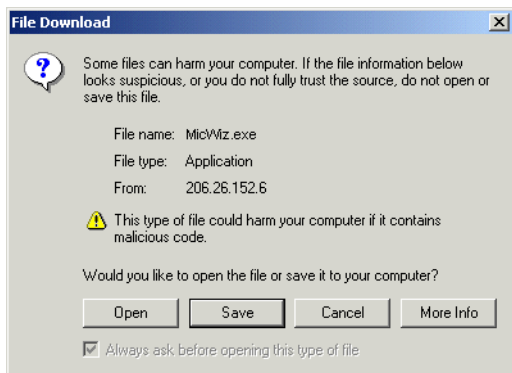
5. Drag the file to your Windows desktop. This action installs the program.



6. Continue with *Testing Your PowerMic with the Microphone Wizard* on page 19.

### **To download the Microphone Wizard application from the Dictaphone Web site:**

1. Start **Internet Explorer** and go to the Dictaphone Web site at [www.dictaphone.com](http://www.dictaphone.com).
2. Click the **Support** link in the top navigation bar on the Dictaphone home page.
3. On the **Support** page, scroll down and click the **Downloads** link. You can go directly to the Downloads page at <http://www.dictaphone.com/support/productService/downloads.asp>.
4. Click the heading **PowerMic Microphones**.
5. Click the link under the heading **Microphone Wizard Program** to download the file.
6. When prompted, click **Save** to begin the download. A file selection window opens.



7. Accept the default folder of **C:\MicWiz** and click **Save**. The installation file *MicWizInstall.exe* is downloaded into the MicWiz folder. When the

download is finished, click **Close** to close the dialog box, if necessary.

8. Open **Windows Explorer** and navigate to the **C:\MicWiz** folder.
9. In the right pane, double-click the **MicWizInstall.exe** file. The Microphone Wizard application files are installed in the C:\MicWiz folder.



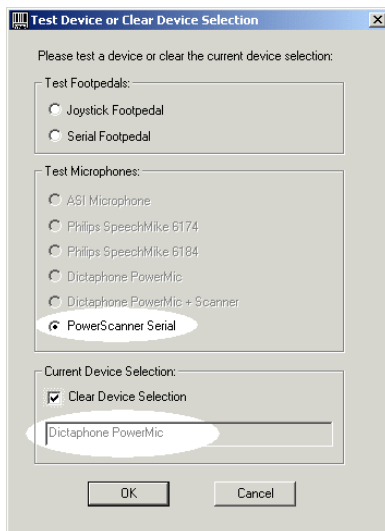
### Testing Your PowerMic with the Microphone Wizard

To run the Microphone Wizard and test your PowerMic microphone:

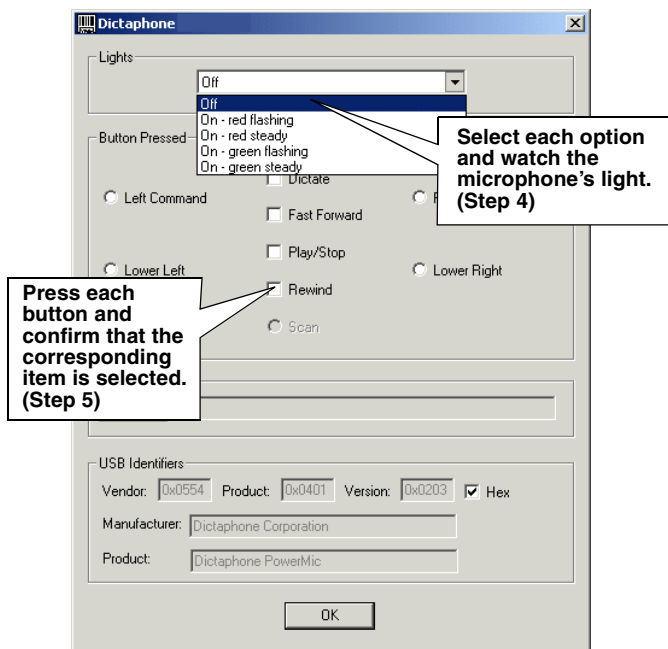
1. Double-click the **MicWiz** icon on your Windows desktop, if you installed the application from the **USB Microphone Driver CD**.

OR

Open **Windows Explorer**, select the **MicWiz** folder, and double-click the **MicWiz.exe** file. The **Test Device or Clear Device Selection** dialog box opens. It displays the names of several microphones. The microphone connected to your PC is indicated in the **Test Microphones** group box as the device to be tested.



2. If the text box under **Current Device Selection** displays 'No Device Present', skip this step and continue with Step 3. If the text box displays the name of a device other than your microphone, click the **Clear Device Selection** check box to put a check mark in it.
3. Click **OK**. Another dialog box opens.
4. Select each of the items in the **Lights** drop-down list in turn. As you select each item, watch the microphone's light. The light's behavior should match the item selected.



5. Press each of the microphone's buttons in turn. As you press each button, observe the items in the **Button Pressed** group box on your screen. When you press a button, its corresponding item should appear selected.
6. Click **OK** when you are finished testing all the microphone's light behaviors and buttons. The **Device Test Summary** dialog box opens.
7. Check the box to make your microphone the default device.
8. Click **OK** to close the Microphone Wizard application. You are ready to use the microphone.

## **Regulatory Notices**

### **Safety**

EN 60950:2000 “Safety of ITE Equipment Including Electrical Business Equipment”.

### **EMC**

EN 55022:1998 (Class B) ITE Emission (EU).

FCC 47 CFR Part 15 Class B Emissions (USA).

ICES-003 Issue 3 Class B Emissions (Canada).

AS/NXS 3548:1995/CISPR 22 Class B ITE Emissions (Australia).

SABS CISPR 22:1997 Class B ITE Emissions (South Africa).

EN55024:1998 ITE Immunity.

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