



HomeVoice™ 2.3

Demonstration Version Installation Instructions

Release Candidate 1

September 6, 2002



HomeVoice 2.3 Installation

HomeVoice™ Product Specifications

The minimum system requirements for HomeVoice™ are:

- 75 MHz Pentium or better
- 16 MB RAM
- 170 MB Non-removable Disk Space
- Windows 95 or Windows 98
- SoundBlaster compatible sound card

HomeVoice™ is for real-time voice command and control using the following home controllers:

- Applied Future Technologies, Inc.: **HomeISA™**
- Home Controls, Inc.: **HomeBase**
- JDS Technologies: **Time Commander, Time Commander Plus, Stargate, Infrared Xpander**
- Custom Solutions, Inc.: **HomeVision Integrated Controller** (DDE or Serial)
- Madenta Communications, Inc.: **PROXi**
- X10, Inc.: **CM11A (Active Home)**
- IBM: **CM11A (Home Director)**
- Smartlinc: **Houselinc**
- Home Automation, Inc.: **Omni, OmniPro, OmniLite**
- Amp, Inc: **HMS 925, HMS 1050**
- Home Systems Plus: **Aegis**
- Telect, Inc.: **IMMI Bus Protocol**

In addition, HomeVoice™ is capable of interfacing with other systems (such as **LiteTouch, Crestron, Lutron, Vantage**, and others) using ASCII commands and the controller's RS-232 port.

HomeVoice™ does not do scheduling or interface with the scheduling software for these controllers, except for HomeVision via DDE. Scheduling must be performed using the software provided with the home controller unit. However, the user may send any command string they want to the controller via the ASCII and HEX command capabilities provided the controller is capable of handling ASCII commands. See your controller-specific documentation for the availability of supporting and receiving ASCII commands.

The sample voice commands provided with the HomeVoice™ package will give you a starting point when configuring your software. These commands should be changed to suit your needs and environment.



These Instructions are for the HomeVoice™ Version 2.3 Demo found on the Applied Future Technologies, Inc. web site at

<http://www.appliedfuture.com/downloads/HV23Demo.exe>.

Prior to installing HomeVoice™, please ensure the following:

- Your home automation controller is attached to the system and functioning properly with the software provided by the manufacturer.
- A SoundBlaster-compatible sound card with microphone and speaker connections is installed and functioning properly.

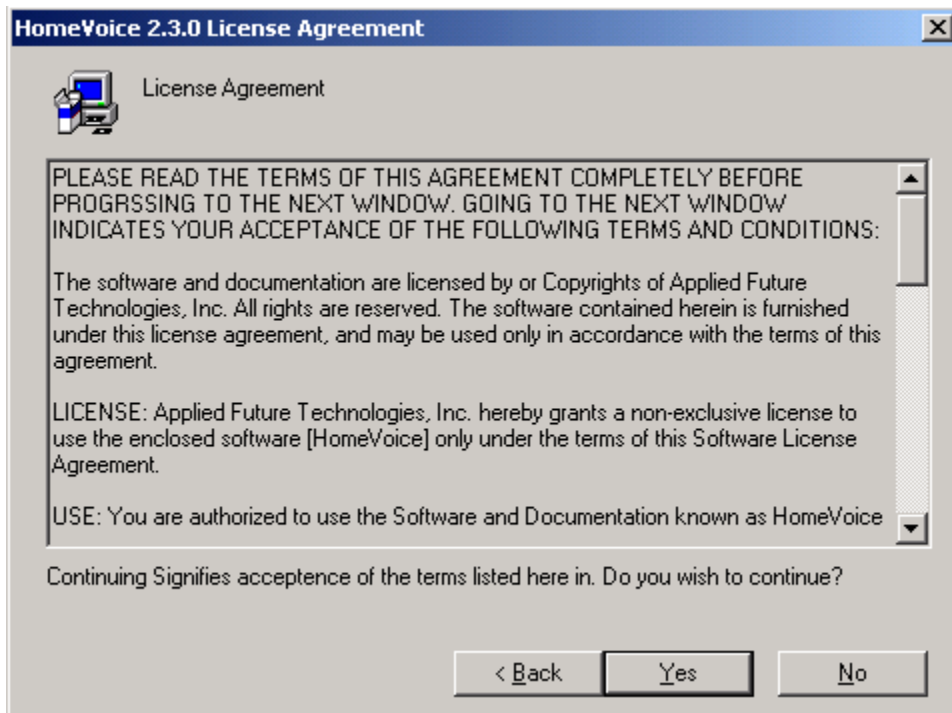
This demonstration version is full functioning with the following exceptions.

- Only 10 active HomeVoice™ commands are available at any time.
- The listen command editor will not create a new speech interface, it will give you an error regarding a missing file. You may edit the ones provided as you see fit for your situation.

Download the above file to your system and run it. You will see a dialog similar to the following dialog.

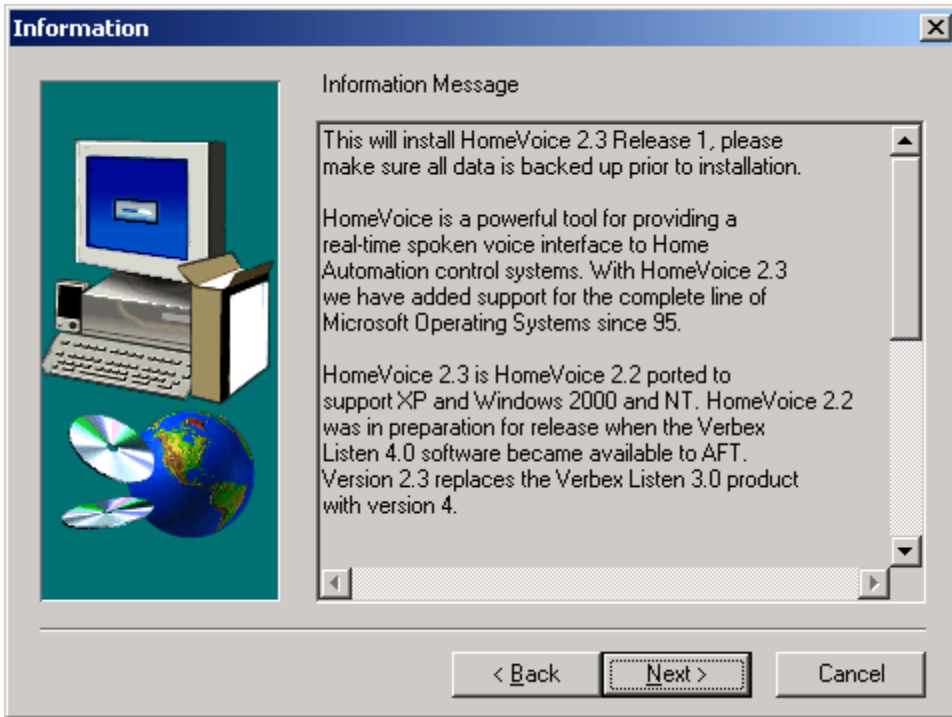


Click the Next> button to continue to the next dialog which is as follows.



Read the license agreement and if you agree click the Yes button if not click the No button and the installation will terminate. You will be presented with a dialog similar to the following dialog displaying information regarding the new release of HomeVoice™ 2.3.

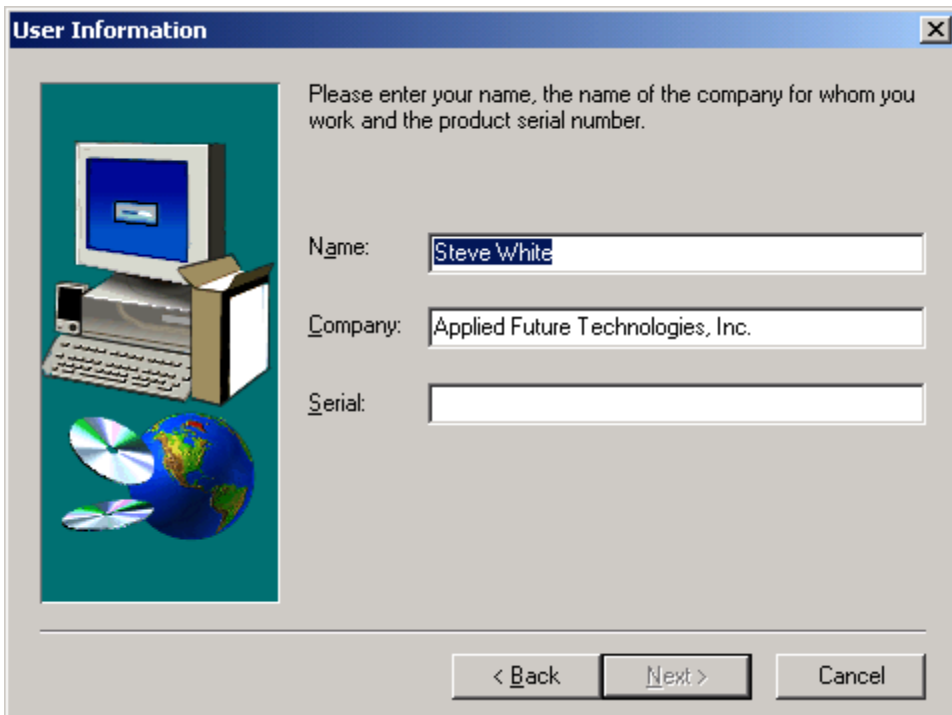




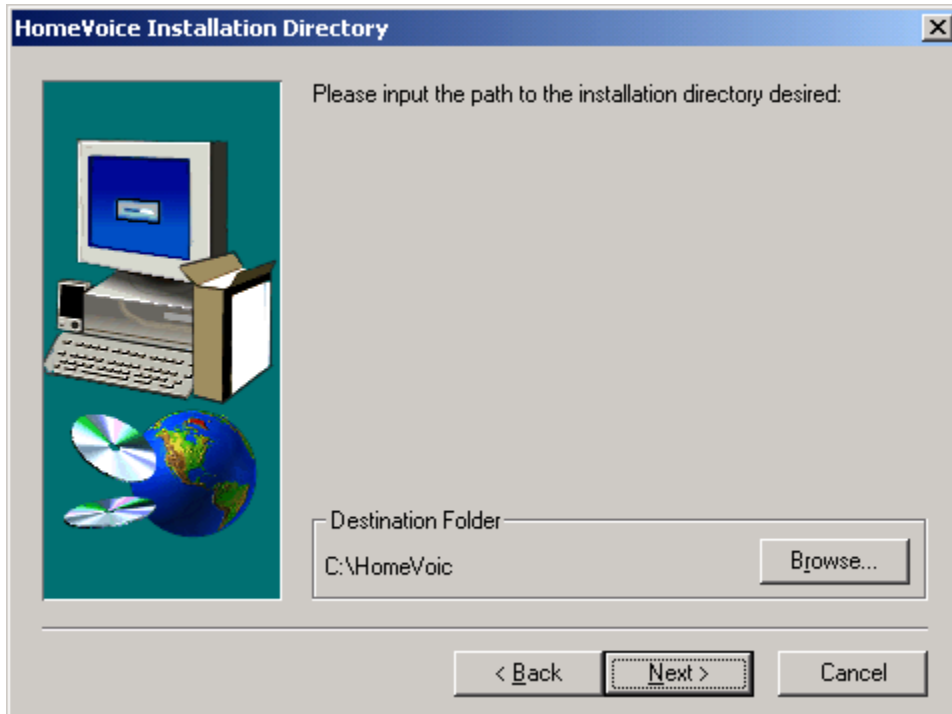
Read over the information presented and then click the Next> button to continue.

In the following dialog input the Demo installation number:

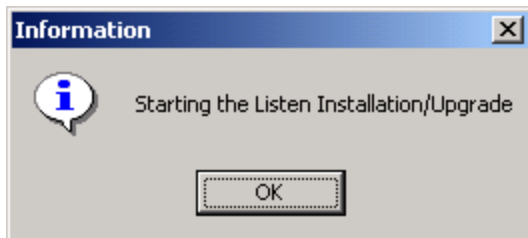
5000DEMO00001



After you type in the installation number, click on the Next> button to continue. You will be presented with the following dialog:

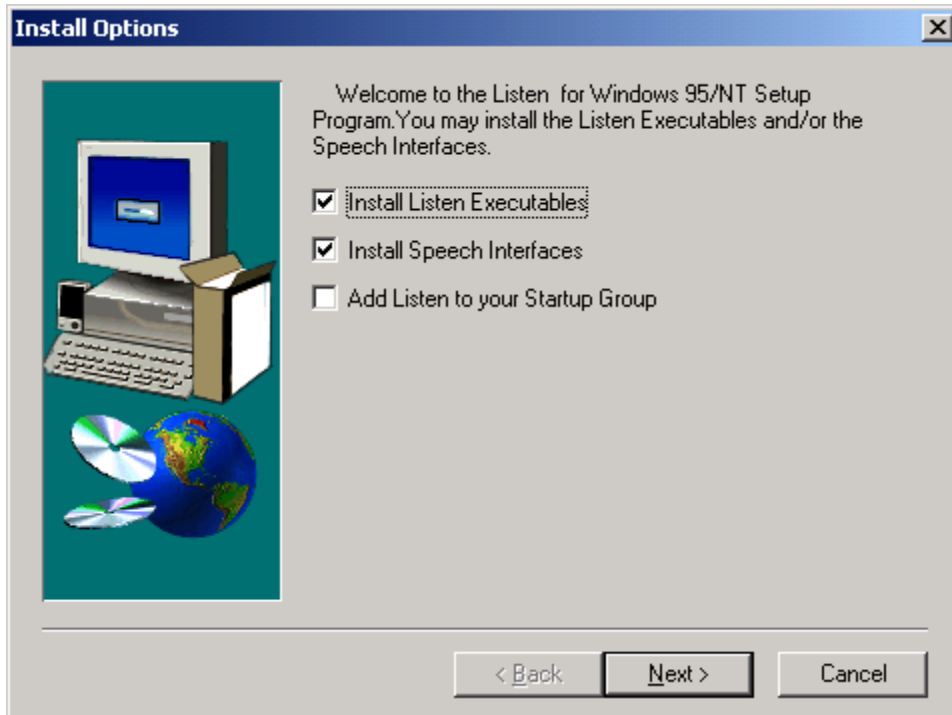


To have C:\HomeVoic as the installation directory click on the Next> button. You will then be presented with the following dialog:



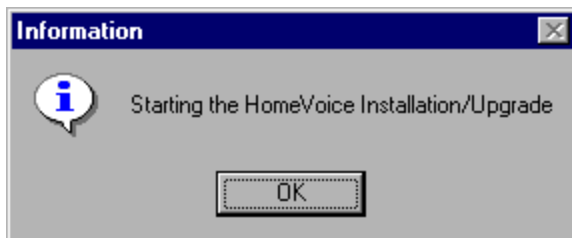
Click on OK to start the installation of Listen for Windows 4.0. You will be presented with the following dialog.





The installation of listen will install new Speech Interfaces for Microsoft Office 97. If you do not wish to install the new speech interfaces uncheck the section. If you want to add Listen to your startup group select that option. (*We do not recommend adding Listen to your startup, HomeVoice™ will start Listen when required.*)

Depending on the Operating system you may see the following message.

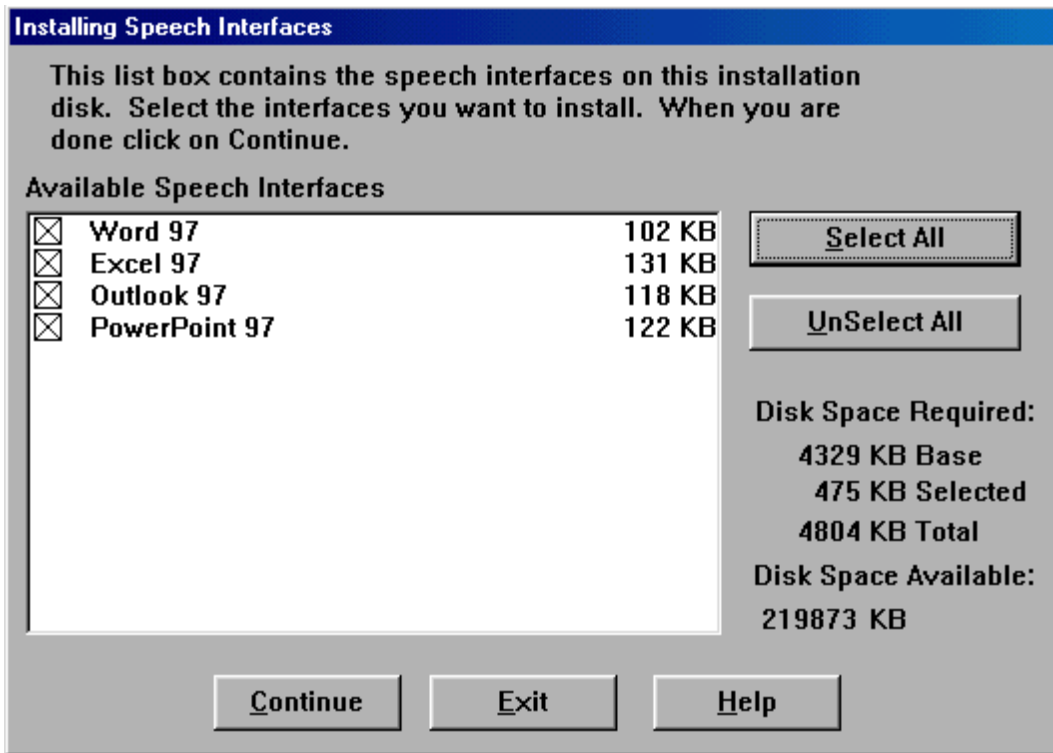


WAIT DO NOT CLICK ON OK!! YET!

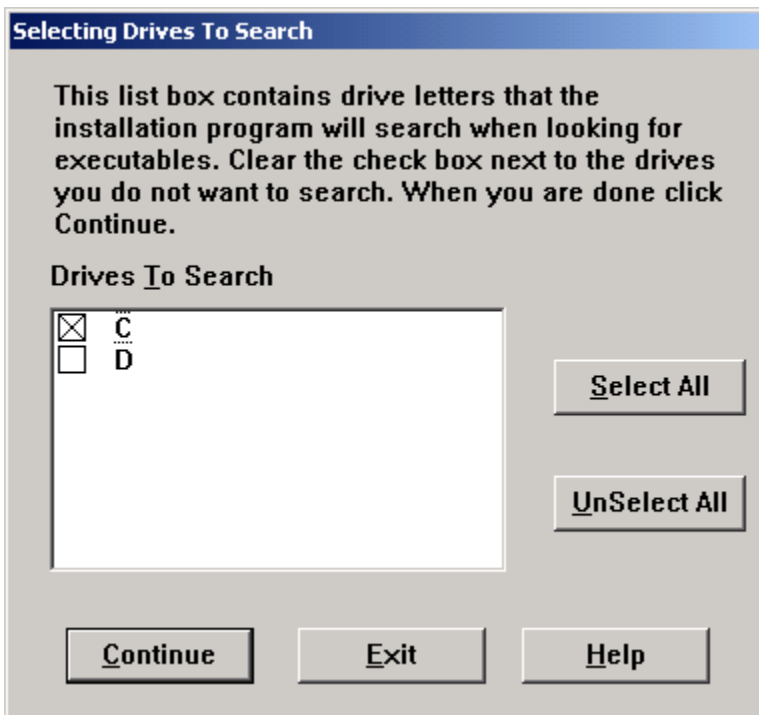
WAIT FOR THE LISTEN 4.0 INSTALLATION COMPLETION BEFORE CLICKING ON OK. IF YOU DO NOT HOMEVOICE™ 2.3 WILL NOT OPERATE CORRECTLY.

After clicking on Next from the Installation Options Dialog, one of the following two dialogs will be presented. If you selected to install the Speech Interfaces you will see the following dialog. If you chose not to install the speech interfaces you will see the second dialog.

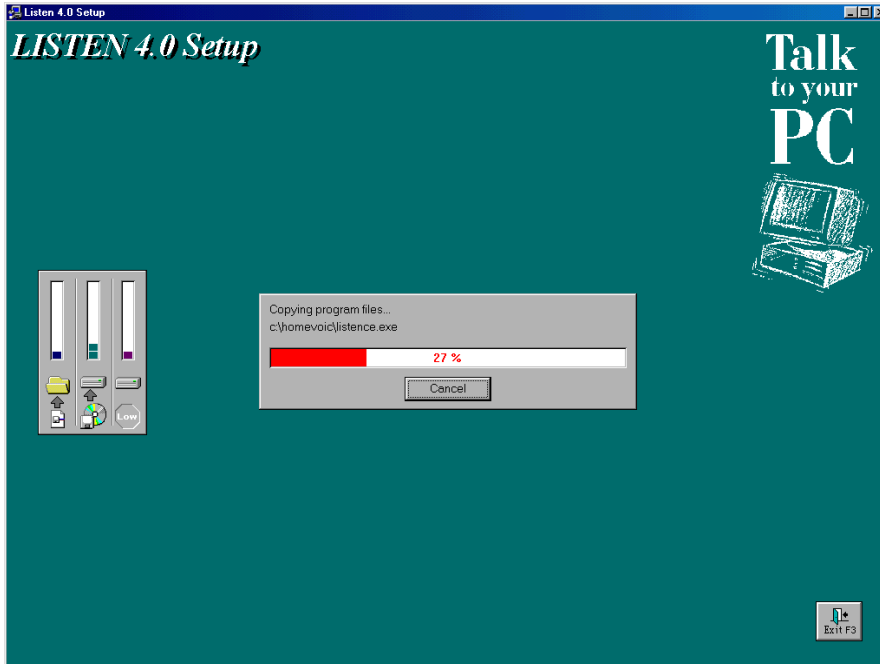




Select the Speech Interfaces you want to install, you must select at least one, and click on Continue. If you have more than one disk drive on your system you will see the following dialog:



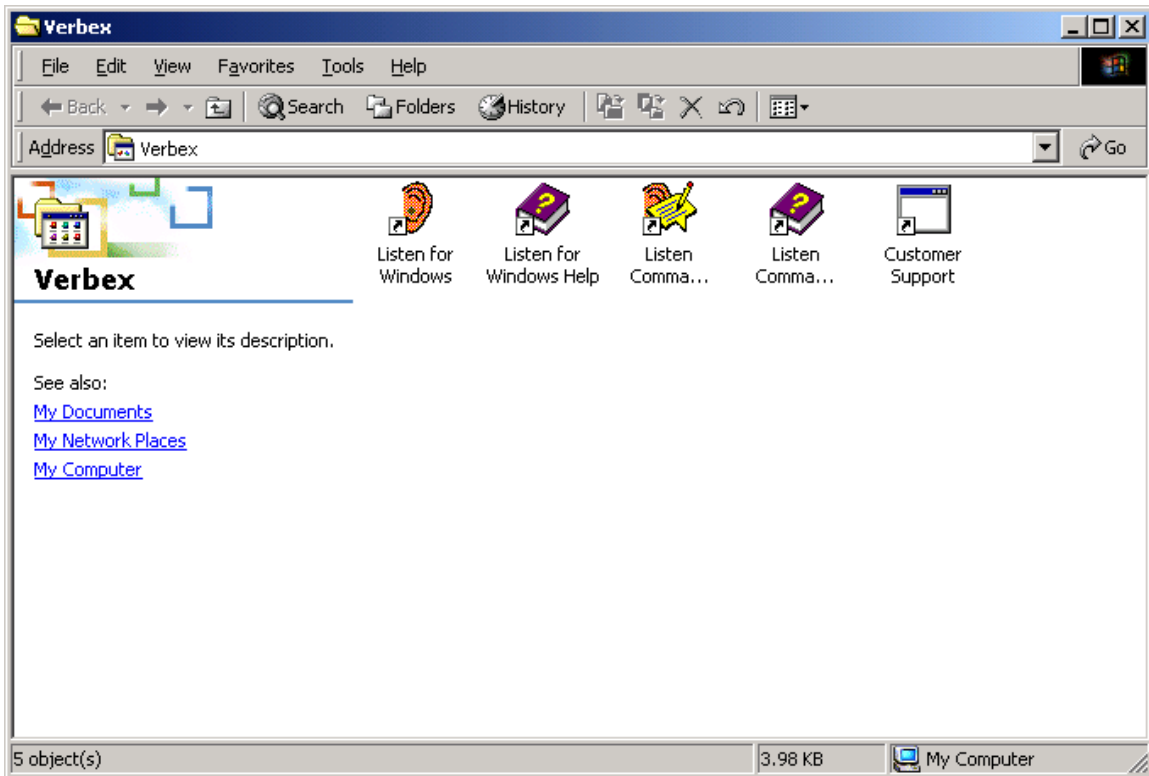
Listen will search the drives selected for applications to include in the Listen.ini file for activation by voice. Click the Continue button when you have completed you selection. The Installation of Listen 4.0 will begin:



When the files have been installed Listen will create a program group. If the following window does not appear, look on the task bar and find the window.

Close this window before proceeding!!

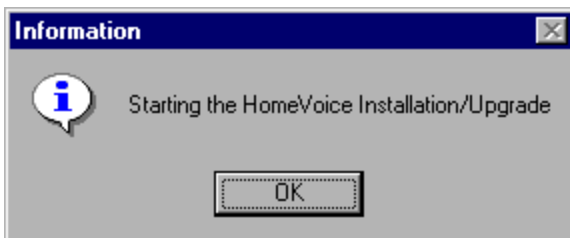




Click on the X in the upper right hand corner or select close from the file menu. You will see the following message.

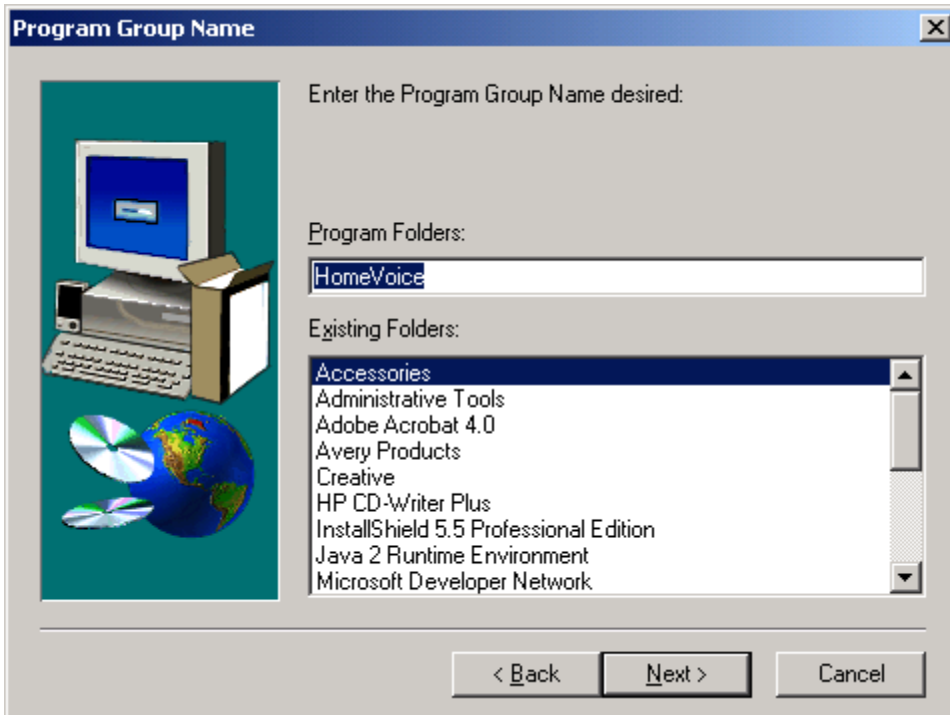


Click on OK to complete the installation of Listen 4.0. You will then see this message:



Click on OK to start the installation of the HomeVoice™ Demo Program. The Following Window will appear and the installation of HomeVoice™ 2.3 Demo will start.





Enter the name of the program group that will display in the windows start menu if you desire something different than HomeVoice. Click on Next to continue the installation.

You will see a message explaining information regarding controller selection for setup in version 2.3.

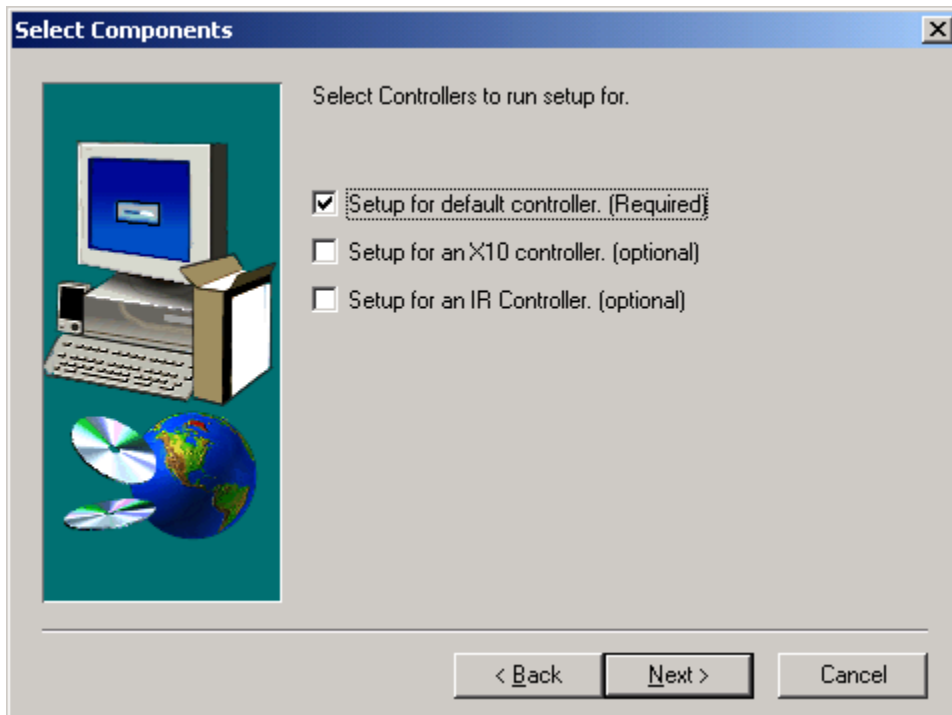


Since one of the features of HomeVoice™ is the support for multiple controllers at the same time you need to tell the installation what controllers to setup



HomeVoice™ to use. If you currently have more than one controller connected to your system that you would like to setup HomeVoice™ to use, select the appropriate controllers in the following screen.

IF YOU ONLY HAVE A SINGLE CONTROLLER SELECT DEFAULT ONLY!



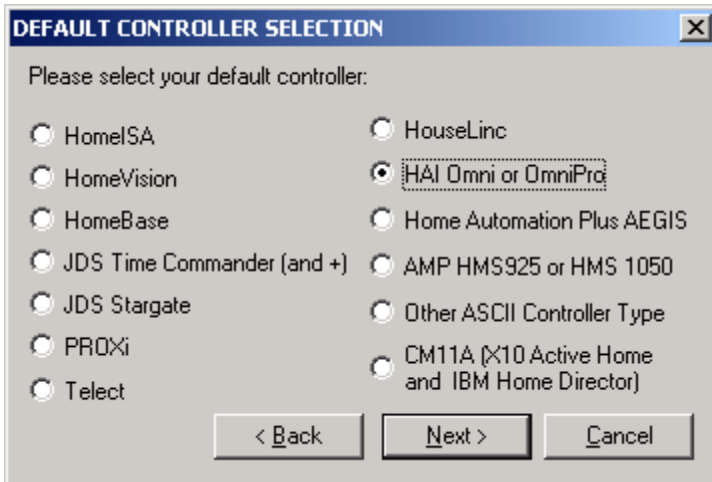
If you only have one controller click on Next to continue the installation and proceed to the next screen. If you are going to run multiple controllers check the box for the desired controllers.

If you want to use the default controller for either X10 or Infrared do not select those boxes. By default all commands are sent to the default controller unless an X10 or Infrared controller is specified for handling X10 or IR commands. You may specify the same controller for both X10 and IR but you can not specify the default controller if you are specifying secondary controllers. After making your selections click on Next to continue the installation.

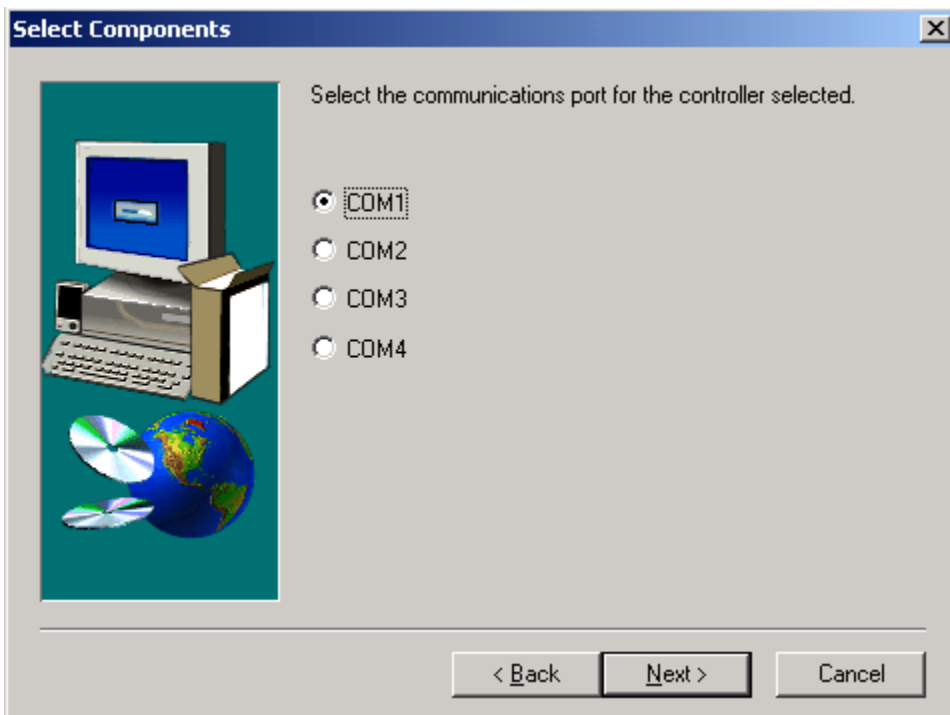
In the sequence of screens that follow it assumes the installer has selected all three controller types. A default controller for handling HVAC and security functions, a X10 controller for handling X10 commands and events and an Infrared controller for handling Infrared commands from HomeVoice™. Skip over those screens that do not apply to your controller(s).

Select the Default controller from the following dialog.



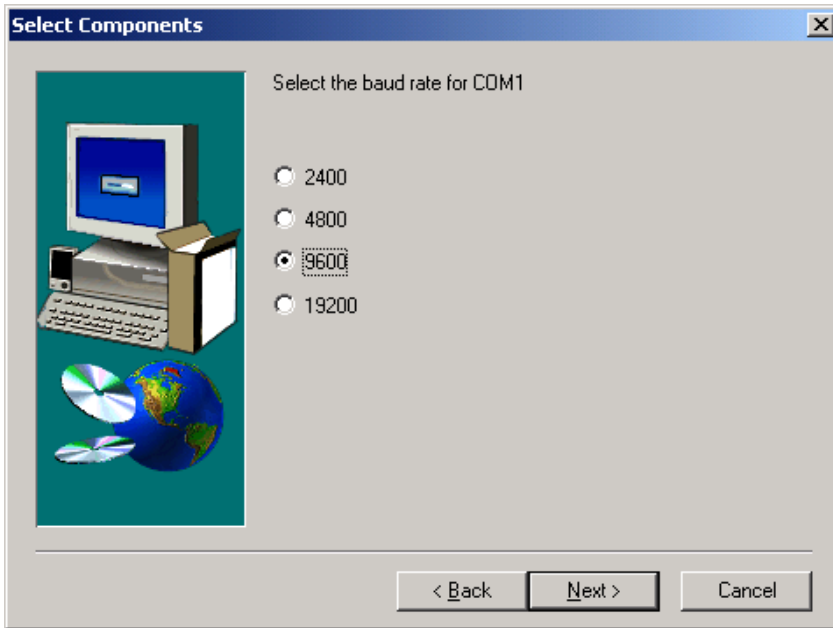


This controller received all commands if no other controllers are specified. Click on the Next button to proceed with the installation. If the default controller you selected is connected to a serial communications port you will be presented with the communications port selection dialog.

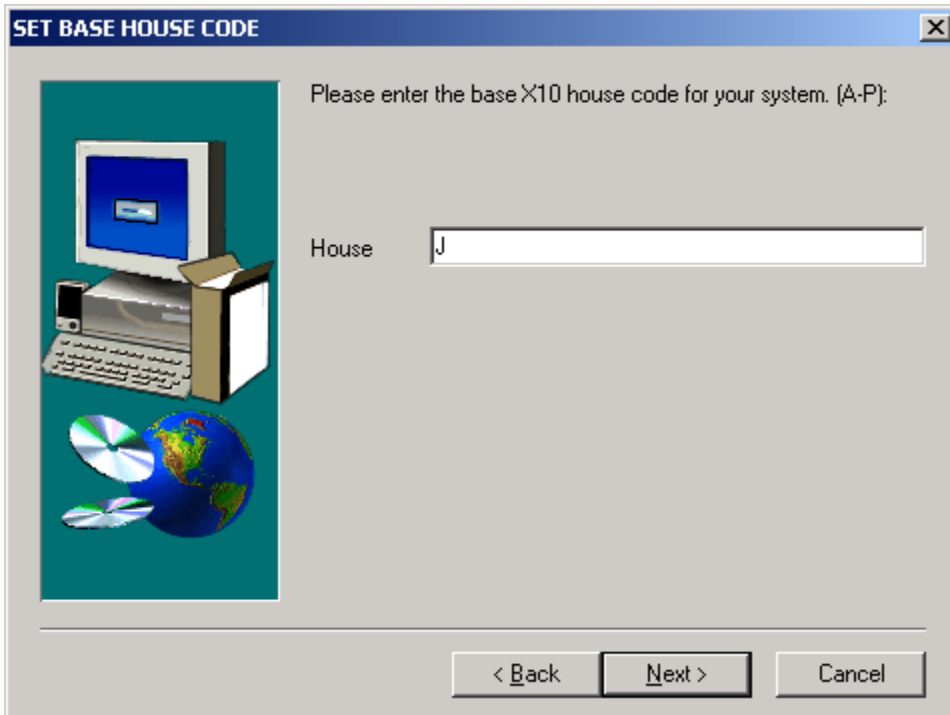


After selecting the communications port, you will be prompted to set the baud rate for the controller. If the baud rate shown is not correct for your controller select the correct communications speed. If the correct speed is not available pick a value for now then manually edit the file HomeVoi2.ini in the installation directory and specify the correct setting under the Baud Rate key for the default controller after the installation completes.





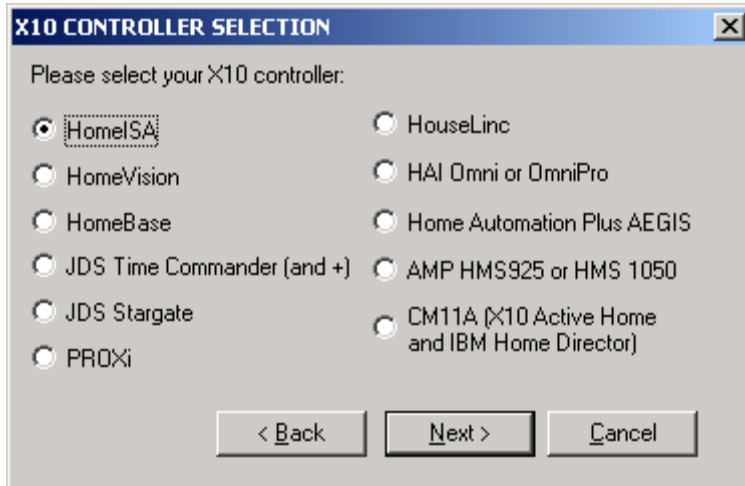
In this example the HAI Omni was selected for the default controller. The next dialog is specific to those controllers manufactured by Home Automation, Inc.



The Base House Code is the code set in the controllers control panel to set the base X10 house code. Consult your controller's documentation for more details. Enter the Base House Code set in your controller and click on Next to continue the installation.



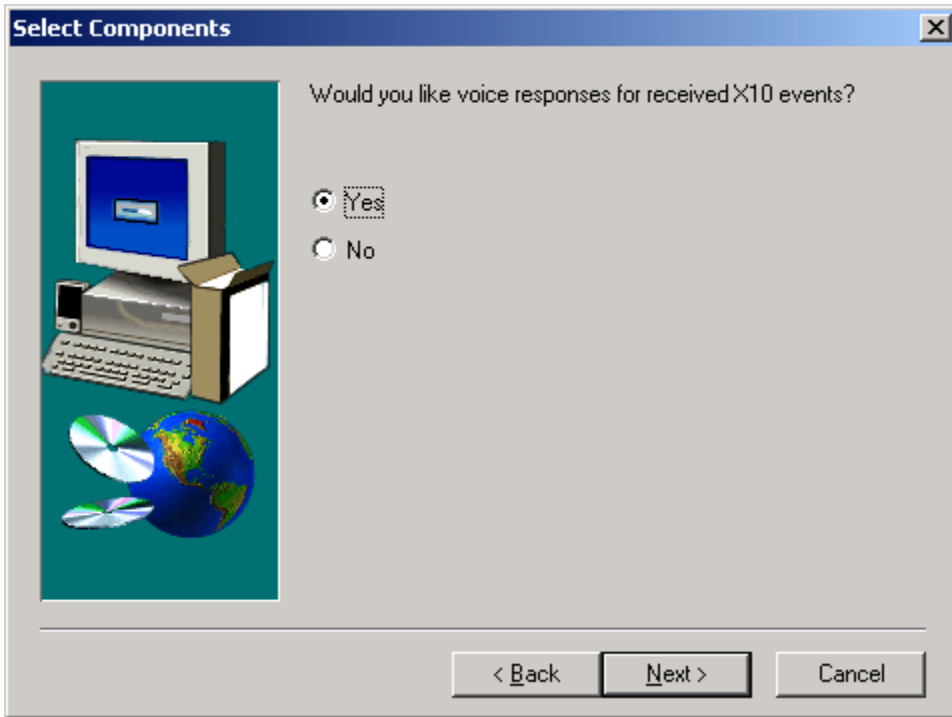
As this installation is installing an X10 controller in addition to the Default controller the next screen is for the X10 controller selection. Select your X10 controller from the dialog. This controller receives all X10 commands sent from HomeVoice™, it is also where HomeVoice™ will look for X10 events if the controller supports sending X10 events to HomeVoice™. Click on the Next button to proceed with the installation, Back to return to the previous dialog. If the X10 controller you selected is connected to a serial communications port you will be presented with the communications port selection dialog.



After selecting the desired X10 controller click on Next to continue the installation, Back to return to the previous dialog. You will be prompted for the communications port for the controller specified if one is required. In this example the HomeISA™ controller is selected for X10 so no communications port dialog is presented. If you select a different controller, select the communications port the X10 controller is connected to and then click on Next to continue the installation.

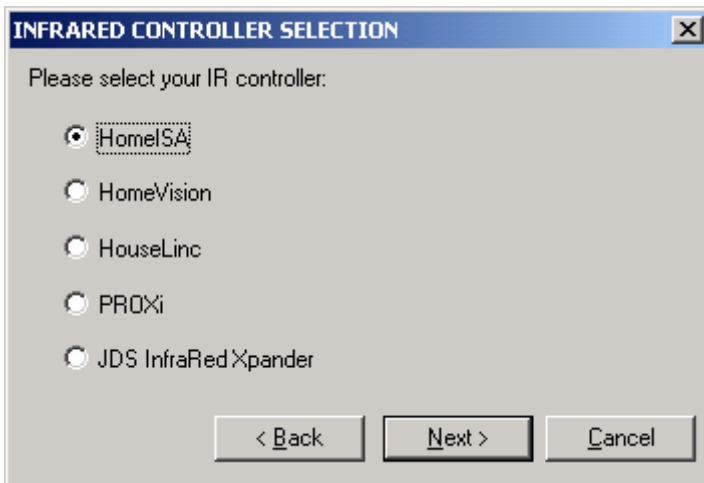
After selecting the communications port, you will be prompted to set the baud rate for the X10 controller. If the baud rate shown is not correct for your controller select the correct communications speed. If your X10 controller supports two way X10 communications with HomeVoice you will be prompted to receive voice responses from HomeVoice™ for X10 events received from the controller.





Select YES if you want HomeVoice to provide responses for those commands received from the controller for which you have setup responses. Responses are setup for the users when setting up the users commands and responses not at this time during installation. If you do not want responses select NO. After making your selection click on Next to continue the installation.

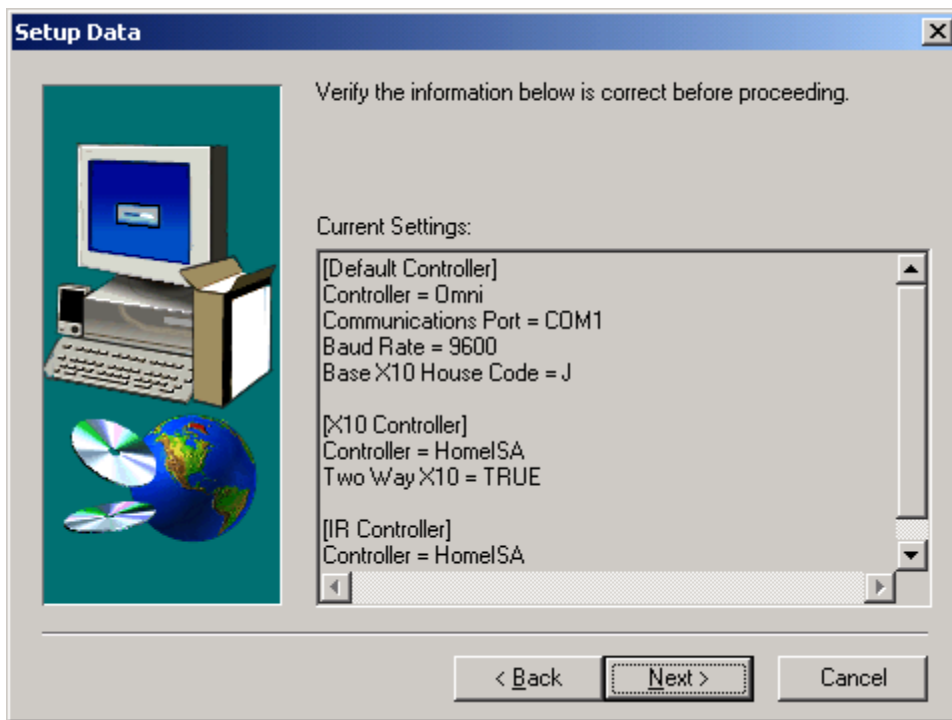
In this installation an Infrared controller was selected, so you are prompted to select the Infrared controller. Select your controller from the list of IR controllers HomeVoice™ supports.



After selecting your Infrared controller click on Next to continue the installation. In this case HomeVoice™ knows where to locate the Infrared database for the controller specified. If the installation is not sure where the Infrared database is located for the learning IR controllers a dialog will be presented to input the path and file for the IR database.

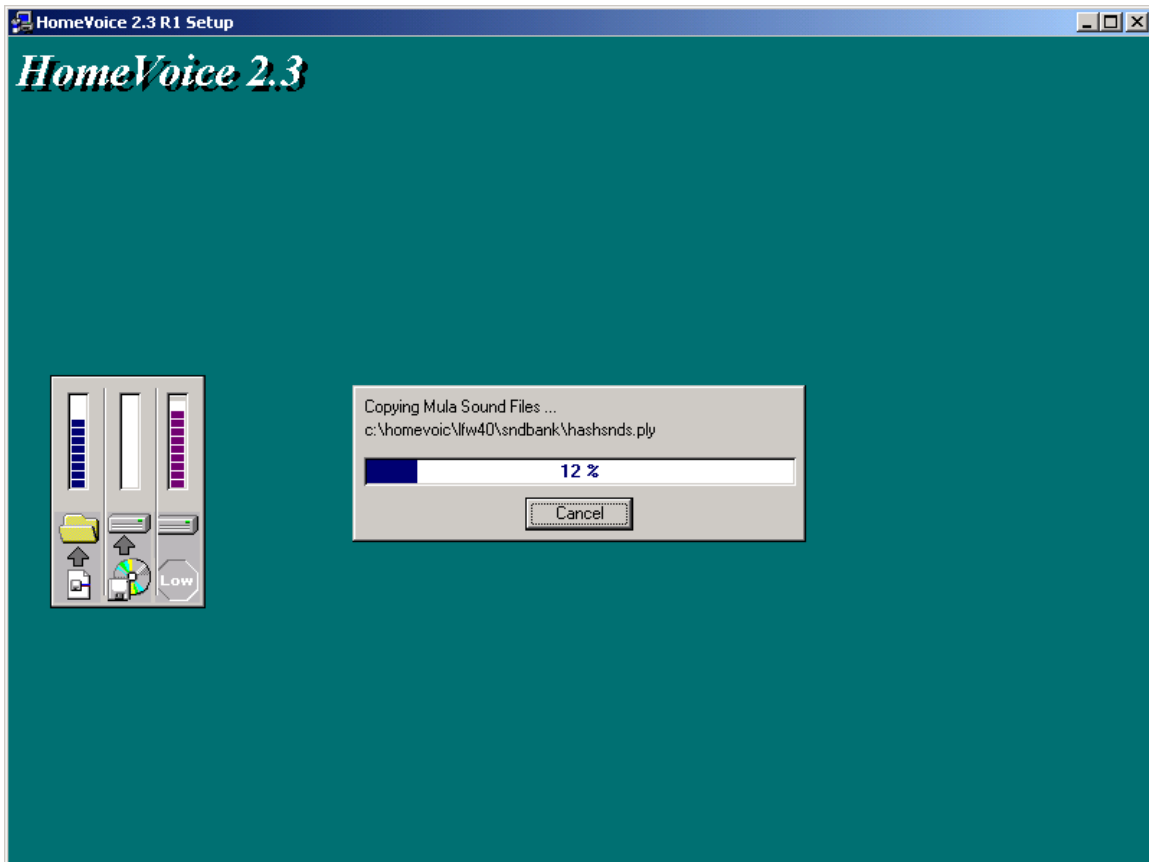
On receiving this dialog you input the path to the Infrared database file. For JDS controllers it is the location of the “ir.dbf” file in the “winevm” directory. For CSI HomeVision it is the location of the exported schedule file “file.hvx”.

After the data, has been collected by the installation software, you will be asked to verify the information is correct. Please review all the information, use the scroll bars if necessary



If everything is correct click on Next to begin the installation. The installation will start.





The following dialog will be displayed to show the completion of the HomeVoice™ 2.3 Demo version.

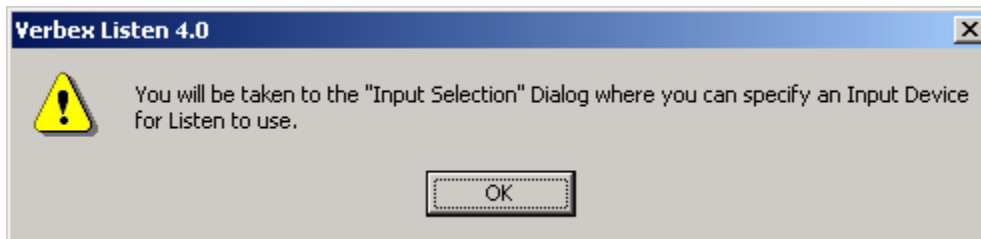


If you want to start HomeVoice™ and exit click on the check box and then click on finish. The installation is complete and HomeVoice™ will start. If you do not want to start HomeVoice™ at this time, just click on Finish to complete the installation. You may start HomeVoice™ from the start menu -> Programs -> HomeVoice 2.3 or the program group specified during installation if changed from the default.

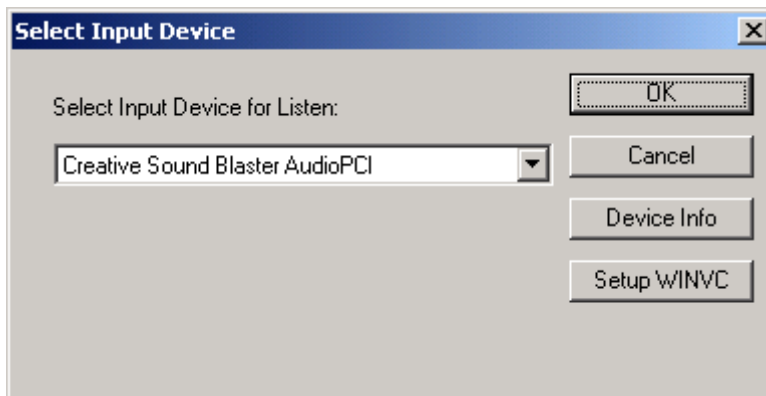
Click on Finish to complete the installation of HomeVoice™ version 2.3 Demo. HomeVoice™ 2.3 Demo installation is complete.

Starting HomeVoice™ the first time.

When HomeVoice™ 2.3 starts for the first time you will see the following dialog:

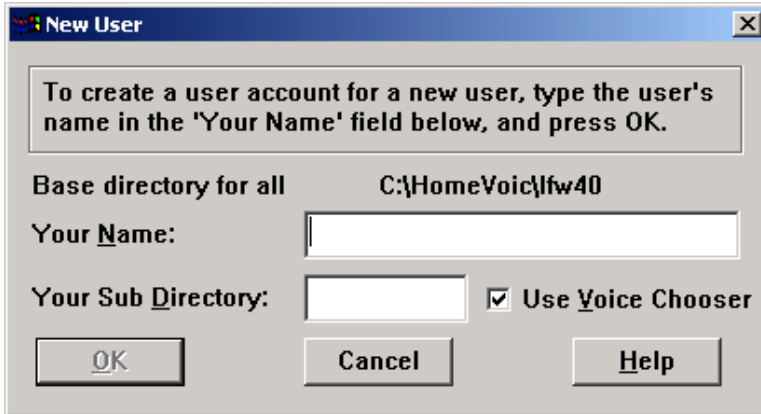


Click on OK to select the correct input device for Listen. The following dialog will be displayed:

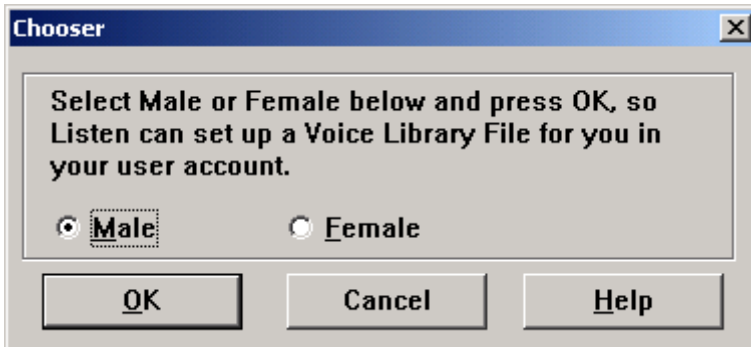


Select the correct input device for Listen from the drop down menu and click on OK. You will then be presented with the New User dialog. Enter your username in the Username field, let Listen fill in the subdirectory.

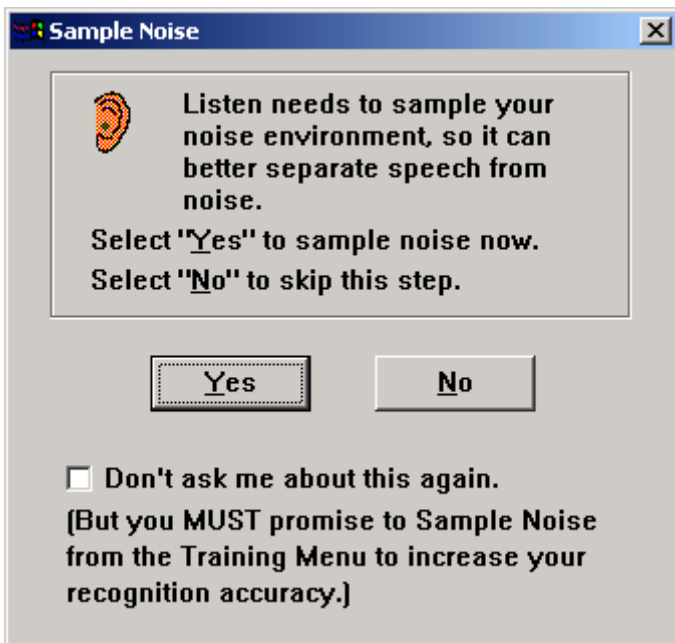




When you have filled in the user name in the “Your Name:” field click on OK. You will then see the Voice Chooser dialog, select your voice library file for the user type. Adolescent males should select female until the voice deepens.



After selecting the voice model type Listen will present the Sample Noise dialog.



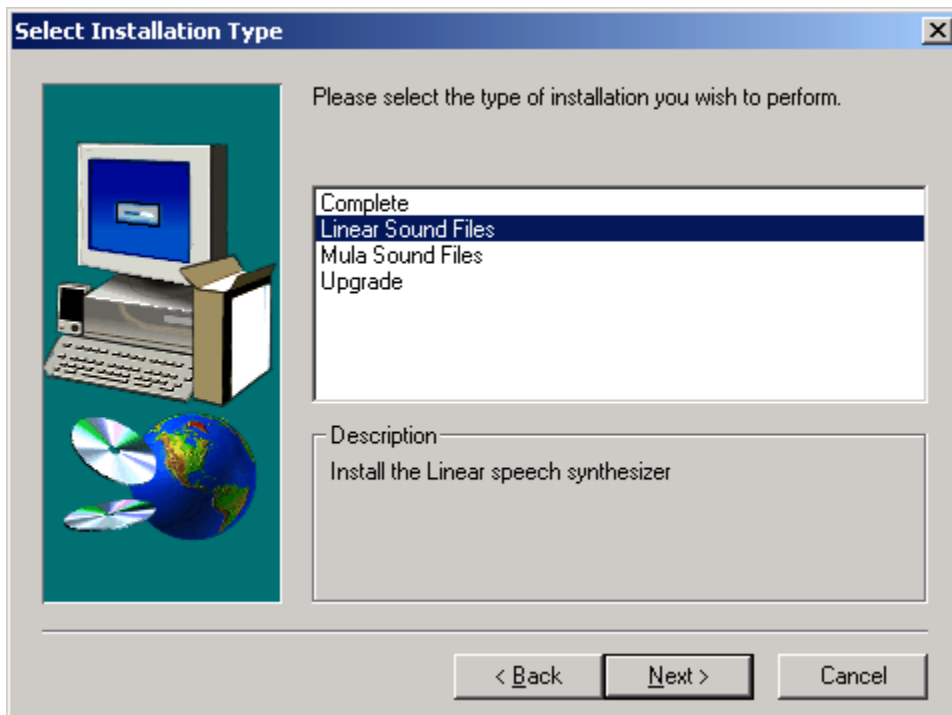
Select "Yes" when ever listen starts as it will improve the recognition accuracy.

Refer to the HomeVoice Users Guide in PDF format in the installation directory for details on setting up commands and the use of HomeVoice™.

Sound Engine Installation

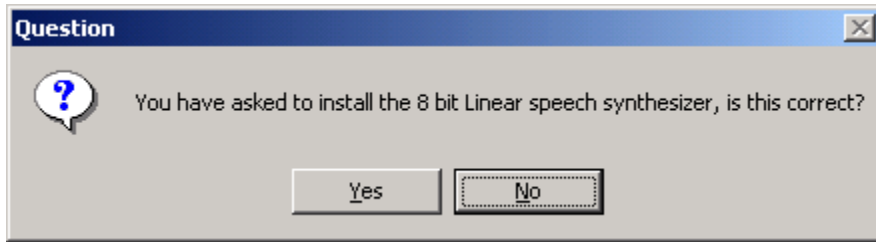
After installing HomeVoice™, you may find that the responses are very static and scratchy; this will require a change to the sound engine. The MLAW engine is the default engine that is installed; however, some sound cards require the Linear engine to play the HomeVoice™ responses. The vast majority of HomeVoice™ users will not need this Section; however, it is provided for those that have a problem with the voice response engine. Contact AFT Technical Support if you have questions concerning sound engine problems. If you need to change sound engines rerun the HomeVoice™ 2.3 Demo installation.

In the following window, select the sound files you want to install. The "Mula Sound Files" are the default when the installation is performed the first time. Select the sound files desired and click **Next** to continue.



You will be prompted to verify your selection before the installation starts.





Select "Yes" to start the installation of the Linear speech synthesizer files.

Uninstalling HomeVoice™ Demo

To uninstall HomeVoice™, click the **Start** button and choose **control panel**. From the control panel select Add/Remove Programs. Select HomeVoice 2.3 and click on Remove. This will remove all files installed by the installation program.

Then select Listen for Windows 95 and Click "remove". This will remove the Listen for Windows settings and files.

There are usually user files, which have been created after the installation. The install program will not remove these files and they will have to be deleted manually, just delete the Homevoic directory.

