

Chapter 5

AUDIO INSTALLATION GUIDE

INTRODUCTION

The Sound Blaster 16, lets you enjoy CD-quality digital audio. This mainboard audio comes with an extensive suite of Windows applications and Creative® Wavesynth to help enhance your productivity and enjoyment.

Chip List:

☐ **Creative® VIBRA 16X**

Installation CD

This CD contains audio driver and audio software applications. To install the drivers, please follow the installation procedures provided by this manual.

Note: These drivers are originally created for floppy diskettes. Please substitute any corresponding directory names (such as A: or B:) to your CD-ROM drive letter (such as D: or E:)

System Requirements

Computer system requirements: 90MHz Intel® Pentium® processor or above

Monitor: VGA Support, minimum 640x480 resolution

Operating system: DOS 5.0 or higher, Windows® 3.1, Windows® 95

CD-ROM: Double Speed or Higher

Read Latest Important Information

Read the README.TXT file on the installation disk for important information you have to know before starting installation.

5.1 Install MS-5153 Audio Drivers

1. Driver

1.1 Install Enhance Audio Drivers for Windows® 95

After installing Windows®95 in the mainboard, Windows®95 will auto-detect the changes in your hardware configuration, and will show you a message. To get a higher performance, you need to install the Driver.

To install MS-5153 Enhance Audio Drivers, follows the steps below:

Step 1: Power up your computer and boot to Windows®95

Step 2: Insert the **I430tx CD** into your CD-ROM

Step 3: Once Windows®95 is up, a “New Hardware Found” message will appear. Select the item “**Creative Drivers Disk**” and Click “**OK**”.

Step 4: The “**Install from Disk**” dialog box will appear. Select the drive of your CD-ROM (such as D: or E:). Then, look for **VIBRA16>WIN95>DRV** folder and click “**OK**”.

Step 5: Once you have installed your sound card, you can check for it by going into **Control Panel** and select the **System** icon. Under **Device Manager**, select the **sound, video and game controllers** from the device list. The **Creative Sound Blaster 16 Plug and Play** and **Creative Gameport Joystick** icons will appear, showing that Windows®95 had detected your on-board sound.

1.2 Install Enhance Audio Drivers for DOS or Windows® 3.1

The **Install.exe** is a Windows® 3.1 setup program that installs both DOS and Windows® 3.1 drivers and utilities at the same time.

To install MS-5153 Enhance Audio Drivers, follows the steps below:

Step 1: Select Run....from the File menu.

Step 2: Insert the **I430tx CD** into your CD-ROM

Step 3: Look for the CD-ROM drive. Type (CD-ROM drive such as d:) d:\VIBRA16\DOSWIN\INST\INSTALL.EXE and press <ENTER>.

Step 4: Follow the instructions on the screen to complete the installation.

5.2 Install MS-5153 Audio Utility Drivers

1. Utility

1.1 Install Audio Utility Drivers for Windows® 95

The Sound Blaster 16 utility provides user-friendly and powerful Windows applications, that allows you to record, play, and edit 8-bit (tape quality) and 16-bit (CD-quality) wave data in your Windows environment. It also provides some special effects that will help you enhance your wave data.

To install MS-5153 Audio Utility Drivers, follow the steps below:

Step 1: Power up your computer and boot to Windows® 95

Step 2: Insert the **I430tx CD** into your CD-ROM

Step 3: Look for **Vibra16/Win95/Util/Setup** on your CD-ROM drive.

Step 4: Follow the instructions on the screen to complete installation

Note: In the middle of installation, it will look for the Audio drivers for updating, just change the folder from **utility** to **driver**.

2. User's Guide

The Sound Blaster 16 Utility Windows application provide an on-line help "User's Guide" to help you understand all the functions of your Sound Blaster 16 Windows application.

3. Sound Blaster 16 Utility Windows Application

Creative Remote

A multi-player “remote control” that enables you to control the Creative CD, Creative Wave, and Creative MIDI Players.

Creative CD

A player that allows you to play audio CDs from your CD-ROM drive, compile playlist, and gives names to the track on your CD.

Creative Wave

A player that allows you to play a wave file, compile a playlist, and record a MIDI file or audio CD into wave format.

Creative MIDI

A player that allows you to play a MIDI file and compile a playlist.

Creative Mixer

An audio mixer that allows you to combine and manipulate sounds from various audio sources. You can control the volume of an audio source, select and mix different audio sources during playback and recording.

Creative Soundo’LE

A player that allows you to play and record wave data. It also allows you to embed sounds into other Windows applications that are OLE compliant, such as WordPad and Word.

Creative Wave Studio

An editor that allows you to record, play, edit, and enhance 8-bit and 16-bit wave data in the Windows environment.

5.3 Install MS-5153 Creative® WaveSynth

1. Creative® Wavesynth

1.1 Install Creative® Wavesynth for Windows® 95

The Creative® Wavesynth is a revolutionary way to add music to your computer. It is a software-based wavetable synthesizer that allows you to play high quality music for Windows multimedia applications and computer games. You can think of it as General MIDI music synthesizer that acts like a multi-channel audio mixer with high-quality reverb.

Creative® Wavesynth is the first software synthesizer specially designed for Sound Blaster 16 audio cards and 90MHz Intel® Pentium® processor (and above) computer running Windows® 3.1 or Windows® 95. It uses hand-crafted 16-bit sampled sounds to produce musical notes. These samples are copied to your hard disk when you install Creative® Wavesynth.

To install MS-5153 Creative Wavesynth, follow the steps below:

Step 1: Power up your computer and boot to Windows® 95

Step 2: Insert the **I430tx CD** into your CD-ROM

Step 3: Look for **Vibra16/Synth/Setup** on your CD-ROM drive.

Step 4: Follow the instructions on the screen to complete installation.

2. User's Guide

The Creative® Wavesynth provide an on-line help "How to use Wavesynth" to help you understand all the functions of your Creative® Wavesynth.

Note: You can only use Creative® Wavesynth, if you are using 90MHz Intel® Pentium® processor and above.

5.4 Creative® 3D Stereo Enhancement

To enable Creative® 3D Stereo Enhancement, follow the steps below:

Step 1: Go to the **Control Panel**, and double click on the **System** icon.

Step 2: Choose **Device Manager**, and click on the **Sound, video and game controllers**.

Step 3: Select **Creative Sound Blaster 16 Plug and Play**.

Step 4: Click on the **Properties** button.

Step 4: Choose **Settings**.

Step 4: Click on **Use Creative 3D Stereo Enhancement**..