OPTiSound™ 64 Deluxe

For 1817DSL Sound Card

Quick Installation Guide

System Requirements

Minimum requirements for using the 1817 Sound Card:

- IBM - compatible computer models 386, 486, Pentium, PS/2 (model 25/30) and compatibles (486 minimum for Windows 95, Pentium minimum for software wavetable)

- At least 4MB RAM, 16MB for Windows 95

- VGA or SVGA graphics adapter and monitor

- 4 MB free on hard disk for driver installation

- 40 MB free on hard disk for installing all 1817 Sound Card software

- Windows 95, Windows 3.1, DOS, Windows NT, or OS/2

- External speakers, microphone or headphones (optional)

Hardware Installation

1. Switch your PC off and detach the power cord.

2. Open your PC casing and locate a free 16-bit ISA slot.

3. Remove the slot cover screw and slot cover.

4. Place the Sound Controller over the slot and push the card gently into the socket.

5. Check to make sure all connections of the Sound Card make contact with the slot.

6. Reinstall the slot cover screw.

7. Attach all necessary connectors, speakers, microphone, joystick, etc., to the sound card.

FCC ID. ESX1817DSL

Federal Communications Commission (FCC) Statement

This Equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
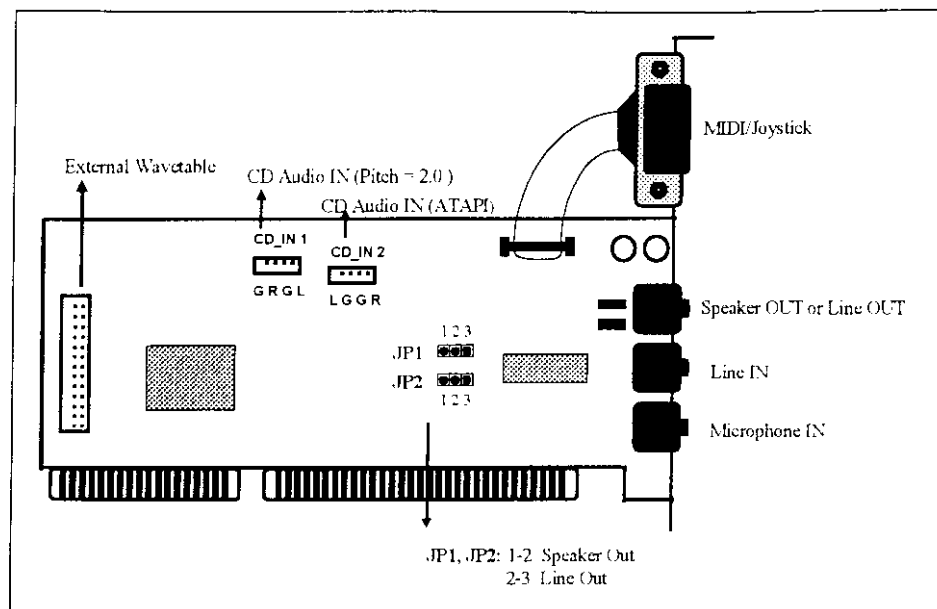
- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Warning:

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference &
(2) This device must accept any interference received, including interference that may cause undesired operation.

External Wavetable CD Audio IN (Pitch = 2.0)

MIDI/Joystick

CD Audio IN (ATAPI)

CD_IN 1   CD_IN 2

G R G L   L G G R

Speaker OUT or Line OUT

1 2 3

JP1

JP2   Line IN

1 2 3

Microphone IN

JP1, JP2: 1-2 Speaker Out
2-3 Line Out

P.S. L, R, and G stand for Left channel, Right channel, and Ground. And the colors for each channel: L, R, G are white, red, and black.

8. Re-attach the power cord to your PC and turn the power switch on.

Software Installation

Software Installation under Windows 3.1x

1. Start up Windows 3.1x and choose in the **File** menu of **Program Manager** the option **Run...** .

2. Insert the installation CD into your CD-ROM drive and type under command line the following: **D:\931\DOS_W31\SETUP**. (assuming your CD-ROM drive is D)

3. Click the **OK** button; the sound card setup program will now start.

4. Please follow the instructions on the screen.

5. After finishing the installation, please reboot your system. The sound card is now ready for use.

The software installation will then be completed and a new product group will be visible in Windows. The utilities in this group allow you to reconfigure the settings of the card and configure the audio mixer and karaoke features.

Software Installation under Windows 95

1. Turn your computer on. The system will boot the Windows 95 operating system.

2. The Windows 95 Plug-and-Play capabilities will detect the 1817 card and ask you to install the driver. Select "Driver from disk provided by hardware manufacturer" and click "OK".

3. Insert the driver CD into the CD-ROM drive and direct the installation to: **D:\931\WIN95\CYBERSYN** (supposing your CD-ROM drive is D) and click "OK".

    ☞ *For 1817DW sound card, direct the installation to*
    D:\931\WIN95\OPTSND64.

4. When it is finished, it will ask you to restart the computer. Click "Yes" to restart the computer.

This will complete the Windows 95 installation. The program will continue to load and when it is complete, you should hear the Windows 95 start up wave file.

To manually install and upgrade the drivers under Windows 95

1. Open the *My Computer* group and click on the drive that represents your CD-ROM, assuming it is 'D' drive.

2. Find the directory **D:\931\WIN95\CYBERSYN.**

3. Select the OPTUPD~1.INF file and click on the right mouse button.

4. Select 'Install' and system will automatically upgrade your driver and restart your computer.

Software Installation under Windows NT 4.0

1. Start up NT and open the *My Computer* group.

2. Click on *Control Panel.*

3. Click on *Multimedia,* and then select "Devices".

4. Select the *"Add"* button, then select *"Unlisted or update driver"* and click *OK.*

5. Click on the Browse icon and select **D:\931\WIN_NT** and click OK to start the installation.

6. Follow the instructions on the screen to complete the installation and then reboot your system.

In case of problems of any nature, refer to the README.NT file on your CD.