

# OPENSTEP for Mach Intel Processors

## Release 4.x

### Sound Driver Overview

**Driver:** Sound Blaster 16

**Driver Overview:** NeXTanswer #2406

**Last Update:** December 22, 1997

### Availability Information

**This driver is planned for the future.**

**A version of this driver is on the CDROM**

**Newer Released Driver in NeXTanswers\*:** Yes, Version 4.01, as NeXTanswer #2408

**Newer Beta Driver in NeXTanswers\*:** Yes, Version 4.02, as NeXTanswer #2407

**Driver Name / Installer .pkg:** SoundBlaster16

**Driver Type:** Sound

**Driver Scope:** Product Family

**Supported Components:**

**PC Bus / Interface Supported by Driver\*\*:** ISA

**General Overview notes:** This driver support most SoundBlaster 16 and 100% compatible sound cards.

### Supported Products / Add-on Adapters:

Sound Blaster 16 Basic (ISA)

Sound Blaster 16 Value (ISA)

Sound Blaster 16 AWE (ISA)

Sound Blaster 16 SCSI-II (ISA)

Sound Blaster 16 Value PnP (ISA)

Sound Blaster AWE 32 (ISA)

Sound Blaster AWE 64 Value (ISA)

Sound Blaster AWE 64 Gold (ISA)

## **Supported Products / Systems (ie integrated into PC System):**

### **Special Features of Driver / Driver Notes:**

Only simple playback and recording are supported. Wave table related hardware is unsupported.

The SCSI interface on the Sound Blaster 16 SCSI-II has been reported to work with our Adaptec 6x60 driver, though is not a supported configuration.

This device driver provides information in the Configure application's help panel. Choose Info>Help from the Configure menu and scroll down to find this device driver's help topic.

## **Sound Driver Details**

**Supported Connectors:** 1/8" Microphone In, 1/8" Stereo Line-In, 1/8" Stereo Line-Out, 1/8" Stereo Speaker , CD-ROM Stereo Line-In

**Access Mode:** DMA

**Adapter Memory:**

**Attributes:** 16-bit Linear, 8-bit Linear

## **Known Problems**

In order to configure resources (like IRQ, DMA, port addresses) correctly, make sure that the system BIOS knows about the resources used by this and other ISA adapters.

Use the PnP personality for SB16 PnP boards and enable support for Plug and Play in the EISA Bus driver (if you are using the driver from NextAnswers).

## **Driver Version Notes**

- 3.33: Added support for Plug and Play cards.
- 4.00: Released on OPENSTEP 4.0 User CD-ROM
- 4.01: Updated the PnP personality tables. Improved reliability of sound playback and recording.

## Future Planning

**Future / Update Planning:**  
**Reason for New Driver / Update:**  
**New Driver / Update Timeframe:**

**New Driver / Update Description:**

**Note:** Information contained in the "Future Planning" section of this document does not constitute a commitment on the part of NeXT to complete the planned development work.

\* - Any NeXTanswer number that is blank indicates that a driver will not be released for this version of NEXTSTEP.

\*\* - Indicates information that is inclusive of the entire capability of this driver. Not all devices supported by this driver may include all features listed. Check any available NeXTanswers and the hardware manual for the device for additional information.

## Product Vendor