

Product Specifications




Product Code: SE14SRS
Product Name: SoundExpression 14.4 SRS

VoiceView
Compatible 

Plug and Play!

The Plug-and-Play compatible SE14SRS provides a digital sound controller for PC sound applications as well as a CD-ROM interface and full-duplex speakerphone capability, integrated with a 14.4Kbps internal modem for high-speed data and fax communications. This unique design offers multiple functionality all in a single-board solution and is based on Rockwell's RCV144ACi(SP) chipset.

The Sound Modem also supports **SRS**  Sound Retrieval System. SRS is rapidly becoming the standard for 3D audio technology. It creates a three-dimensional sound image from any audio source with only two conventional stereo speakers.

Summary of Features

Audio:

- ◆ Integrated sound controller compatible with Sound Blaster Pro, Ad Lib, and Microsoft Windows Sound System
- ◆ 8- or 16-bit mono and stereo sound
- ◆ Sample rates up to 44.1KHz
- ◆ Built-in sound blaster-compatible digital audio processor
- ◆ Software-configurable I/O address, IRQ, DMA Channel
- ◆ IDE CD-ROM drive interface
- ◆ Software enable/disable of game (joystick) port
- ◆ Low-cost 16-bit audio
- ◆ Unique 2-in-1 combination of data communications and audio applications

Modem:

- ◆ **Modem data rate:** 14.4K, 12K, 9600, 7200, 4800, 2400, 1200, or 300bps
- ◆ **Fax data rate:** 14.4K, 12K, 9600, 7200, 4800, or 2400bps
- ◆ **Audio data rate:** 11.025K, 7200 samples per second.
- ◆ **Full-duplex speakerphone/Echo Cancellation**
- ◆ **Protocol compatibility:** V.32bis, V.32; V.42/MNP2-4 and V.42bis/MNP5 support; V.22, V.22bis; Bell 212A, 103; V.17, V.29, V.27ter, V.21 channel 2, EIA-578 Service Class 1 and 2 commands.



SRS Sound Retrieval System!

Enjoy 16-bit Multimedia Stereo Sound for business or entertainment.



Data!

14.4Kbps data modem with throughput up to 57.6Kbps for quick file transfers and access to on-line services.



Fax!

Convenient 14.4Kbps send and receive fax right from your desk.



Voicemail!

Answers your phone, takes messages, and enhances your business's image.



Full-Duplex Speakerphone!

"Hands-free" operation allows you to be more productive.

Interfaces and Addresses

Sound Blaster:

Addresses: 220, 240
IRQ: 5, 7, 10
DMA: 0, 1, 3

Windows Sound System

Addresses: 530, E80,
F40, 604
IRQ: 7, 9, 10, 11
DMA: 0, 1, 3

IDE CD-ROM

Address: 170
IRQ: 15

MPU-401 Interface

Addresses: 300, 310, 320,
330; IRQ: 2/9, 5, 7

Default Configuration

Mode: Sound Blaster
Interrupt: 5
DMA Channel: 1
I/O Port Address: 220h
CD-ROM interface: None
Modem: COM2/IRQ3

Physical and Electrical Characteristics

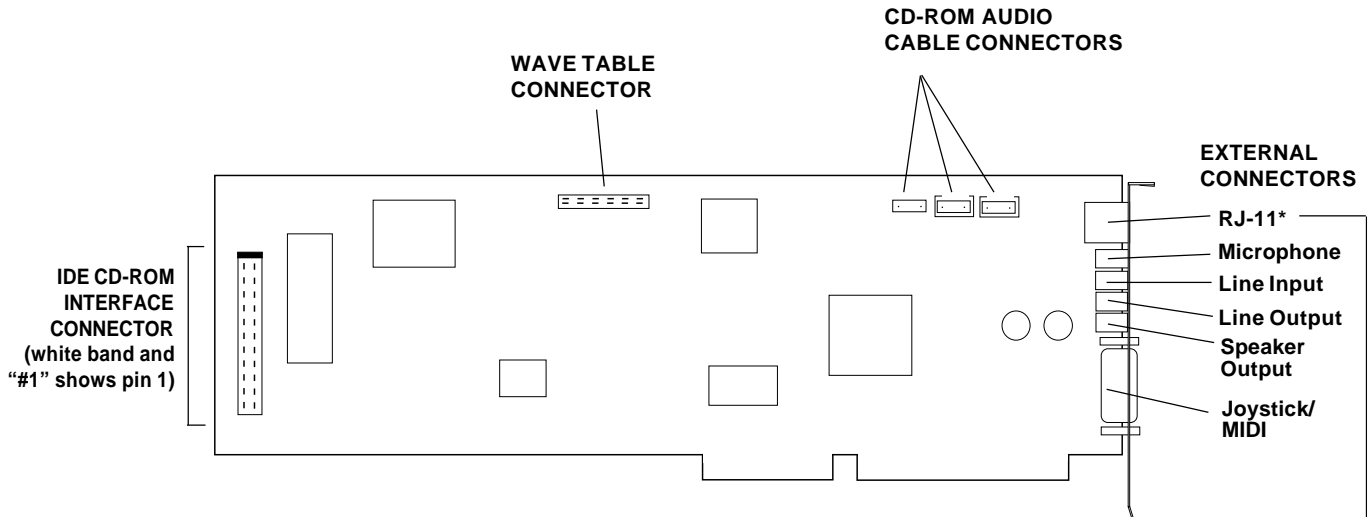
- ◆ Dimensions: 13.4" x 4.2" (board)
- ◆ Weight: 3.4 lbs.
- ◆ Power: +5V, 1.2 watts (maximum)
+/- 12V, 0.5 watts (maximum)



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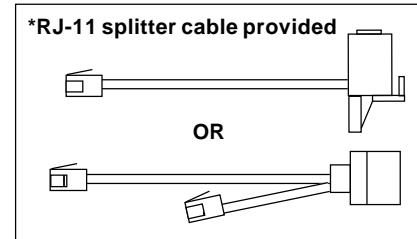


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Software and Documentation Included

<p>SE1440FD Driver and Utilities</p>	<p>SOUND FEATURES</p>
<p>MODEM FEATURES</p>	<p>Windows Sound Applications</p>
<p>Fax software for Windows: Fax, Voice, Data, and Speakerphone</p>	<p>Windows Sound Applications</p>



System Requirements

- ◆ IBM-compatible computer models 386 DX/33, 486, Pentium
- ◆ 4MB RAM minimum
- ◆ VGA or SVGA display
- ◆ 15MB of free hard disk space for installing software
- ◆ Windows 3.1 (if you intend to run games and applications in Windows)
- ◆ DOS 5.0 or later
- ◆ 15-pin joystick cable or MIDI cable (if running games/MIDI)