

## **Technical Specifications of the Sound Blaster 1 and 2**

### Model Numbers:

CT1320 Sound Blaster 1.0/1.5

CT1350 Sound Blaster 2

CT5320 Sound Blaster MCV

The Sound Blaster cards are the original 8 bit Sound Blaster audio cards.

### Hardware Specifications

Frequency Response: 100Hz - 10KHz

Signal to Noise Ratio: 48 db

Sampling Rate for Playback/Recording Mono: 5 KHz - 22.1 KHz (4-44.1kHz Sound BlasterPro only)

Supply Voltage Requirement (Loading): +5, +12, -12 Volt

Current Consumption (Typical): 50, 500, 30 mA respectively

Microphone Impedance: 600 Ohms

Line-In Impedance: 39 KOhms

Microphone Sensitivity: 10 - 200 mVpp

Line-In Sensitivity: 0 - 2 Vpp

AD/DA Resolution: 8 bits

Output Power (Max.): 4 Watts @ 4 Ohms PMPO (Amp out)

### Hardware Settings

Default settings are shown in [brackets]

Interrupt (IRQ): 2, [5], 7

DMA Channel:[1]

Joystick I/O Address: 200 Hex

Joystick: [Enabled] Disabled

JYEN ON OFF

Audio I/O Address: [220], 240 Hex

ADDRESS: [220] 240

22X ON OFF

24X OFF ON

FM Synthesizer I/O Address: 388 Hex

Wave Synthesizer I/O Address: Not Applicable

Sharing DMA [disabled] (DMACTL on pins 1 & 2), or enabled (DMACTL on pins 2 & 3)

### Connectors

Line-In: Yes (for recording purposes only!)

Mic-In: Yes (for recording purposes only!)

Line-Out: No

Speaker-Out: Yes

PC Speaker-In: No

Game/Joystick Port: Yes

CD-ROM Audio-In (Sound Blaster Audio Socket): No

CD-ROM Audio-In (MPC2 Socket): No

External CD-ROM: Not Applicable

### System Requirements

IBM® PC XT or higher, or 100% compatible motherboard

VGA

5 MB of hard disk space for Sound Blaster software.

MS-DOS®4.0 or higher, Windows®3.1 or higher.

Open 8 bit ISA slot  
Speakers or headphones