

Technical Specifications of the Sound Blaster Pro

Model Numbers:

CT1600

CT1900

Sound Blaster Pro 2 is an 8-bit audio board equipped with a Panasonic/MKE CD-ROM interface.

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)

Sampling Rate for Playback/Recording Stereo: 5 KHz - 22.1 KHz (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

CD Audio-In Impedance: 50 KOhms (Sound BlasterPro only)

Microphone Sensitivity: 10 - 200 mVpp

Line-In Sensitivity: 0 - 2 Vpp

CD Audio-In Sensitivity: 0 - 2 Vpp (Sound BlasterPro only)

AD/DA Resolution: 8 bits

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

Hardware Settings

Note: Default settings are shown in [brackets]

Interrupt (IRQ): 2, [5], 7, 10

DMA Channel: 0, [1], 3

Channel: 0 [1] 3

DRQ0, DACK0 ON OFF OFF

DRQ1, DACK1 OFF ON OFF

DRQ3, DACK3 OFF OFF ON

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

Mic-In: Yes

Line-Out: No

Speaker-Out: Yes

PC Speaker-In: Yes

Game/Joystick Port: Yes

CD-ROM Audio-In (Sound Blaster Audio Socket): Yes

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 16 bit ISA slot for Sound Blaster Pro cards

Speakers or headphones