

Experience  
Digital Audio  
on your PC!

All four models include  
PerSono™ Audio Control  
Center Software plus:

- USB plug and play—no soundcard required
- Digital technology for maximum clarity
- Noise-canceling microphone
- QuickAdjust™ microphone boom
- Inline digital volume and mute controls
- Lightweight adjustable headband
- 32-bit DSP modifies and enhances the audio signal

The industry's best noise-canceling microphone, audiophile-approved sound and total comfort.

Whether you're chatting on the Internet, listening to music, playing the latest PC game, or using voice/speech applications on your PC, these Digitally-Enhanced USB PC Headsets provide the ultimate in sound quality and speech recognition accuracy. From Plantronics, the technology leader in communication headsets.

### DSP-100

Digitally-Enhanced USB  
**Monaural** PC Headset  
and Software



The DSP-100 is perfect for use with speech recognition applications and Internet telephony. Its single-earpiece design with noise-canceling microphone enhances speech accuracy in all your voice applications.

### DSP-300

Digitally-Enhanced USB  
**Lightweight Stereo** PC Headset  
and Software



Lightweight and comfortable, the DSP-300 is a great fit for all your multimedia needs. Listen to CDs, DVDs or MP3 files with full-range stereo sound.

### DSP-400

Digitally-Enhanced USB  
**Folding Stereo** PC Headset  
and Software



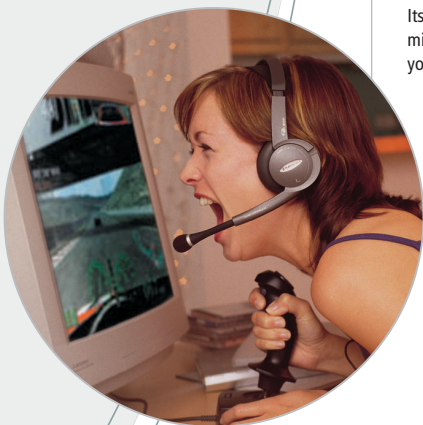
The collapsible design is ideal for easy storage and transport. Listen to CDs, DVDs or MP3 files in full-range stereo sound wherever your laptop goes.

### DSP-500

Digitally-Enhanced USB  
**Multimedia Stereo** PC Headset  
and Software



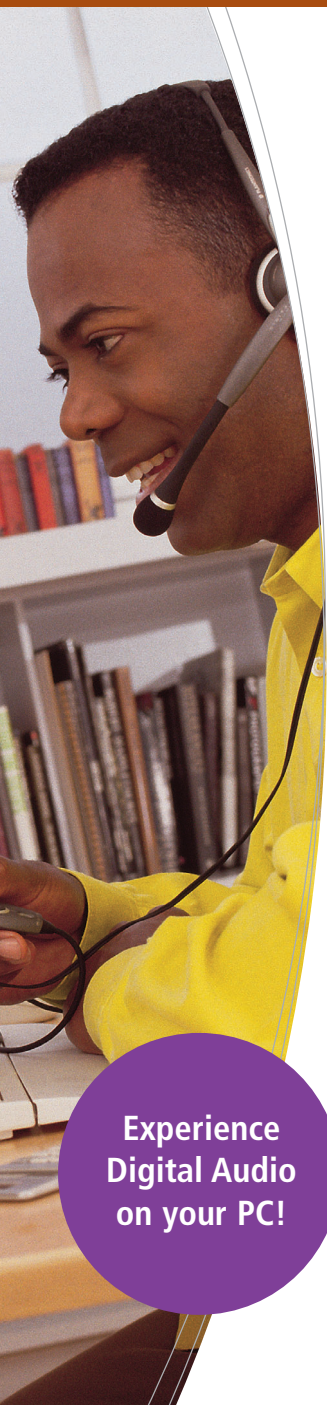
Bring a new level of excitement to your games and music with 40mm stereo dynamic bass speakers for maximum bass response—our most full-featured headset.



Quick Reference

Turn over for headset specs  
and PerSono™ Audio Control  
Center Software





### Digital Signal Processing

Digital audio sounds better—on your computer, on your home stereo, or at the movies. Whether you're dictating a memo to your computer or flaming an opponent during a game of Half Life: Counterstrike—a digital headset improves the clarity and quality of your communication.



32-bit DSP modifies and enhances the audio signal for superior stereo sound and higher speech recognition accuracy.

24-bit high signal-to-noise ratio audio CODEC converts digital signal to enhanced analog sound for the highest quality PC audio.

Digital circuitry matched to headset speakers and mic for maximum sound clarity.

### All DSP Series Digitally-Enhanced PC headsets include PerSono™ Audio Control Center Software



Adjust microphone properties to optimize voice applications

Choose from EQ presets to suit your favorite musical styles

### Specifications

#### Digital Signal Processing (DSP)

5-channel, 16-bit, 48kHz data from USB  
24-bit, 100dB signal-to-noise CODEC  
32-bit digital audio processing

#### Headphones

2-channel 48kHz output to headphone  
Headphone gain stage >80dB range  
Bass, treble, balance and volume controls  
Speaker frequency response  
DSP-100: 80Hz–12kHz  
DSP-300: 60Hz–16kHz  
DSP-400: 60Hz–16kHz  
DSP-500: 20Hz–20kHz  
Speaker diameter:  
DSP-100: 28mm  
DSP-300: 28mm  
DSP-400: 28mm  
DSP-500: 40mm

Cable Length: 9.8 ft. (3 meters)

Connection: USB

#### Microphones

Mono, 16-bit, 48kHz data  
Microphone gain stage >50dB range  
Up to 25 dB noise rejection (hypercardoid response)  
Frequency response: 100Hz–10kHz  
Electret condenser microphone  
Sensitivity: -38 dVB/Pa

#### Minimum System Requirements—all

**Windows 98 Second Edition/Windows 2000/ME/XP**  
Pentium II 166 Mhz or equivalent  
10 MB free disk space  
16 MB Ram (32 for Windows 2000)  
SVGA Monitor  
4X CD-ROM  
USB Port

#### Macintosh

Mac OS 9.0.4 or higher  
PowerPC 604 or better  
4X CD-ROM  
USB Port

Experience Digital Audio on your PC!



For more information, please contact your supplier, or visit [www.plantronics.com](http://www.plantronics.com)

Quick Reference