

# TALK TO YOUR PC WITH DIGITAL AUDIO SPEECH ACCURACY

**PLANTRONICS**  
World Leader in Communications Headsets

## DSP Series Digitally - Enhanced USB PC Headsets

Today's computer applications want to be heard, and spoken to, in full technicolor sound! Whether you're roaming the Internet, "tuning out" to a great CD or actually working on office software, Plantronics' line of DSP Series Digitally-Enhanced USB PC headsets add pure audio-tude. Delivering sound with power and grace, these headsets also include software that enables you to customize microphone properties for different applications.

At Plantronics, a world leader of communication headsets, we develop all our products with two goals in mind: award-winning design and state-of-the-art technology. The result is the industry's best noise-canceling microphone, audiophile-approved sound and total comfort. Plus our digitally-enhanced PC headsets include PerSono™ Audio Control Center software — a proprietary desktop tool that allows you to customize all your multimedia experiences.

With four models to choose from, there's a DSP Series headset that fits your needs and budget. Plug into the next level of audio bliss with a PC headset from Plantronics.



### DSP-100 Digitally-Enhanced USB Monaural PC Headset & Software

The DSP-100 is the perfect candidate for use with speech recognition applications, voice command and control and Internet telephony.



### DSP-400 Digitally-Enhanced USB Folding Stereo PC Headset & Software

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



### DSP-300 Digitally-Enhanced USB Lightweight Stereo PC Headset & Software

Lightweight and comfortable, the DSP-300 is a great fit for all your multimedia needs.



### DSP-500 Digitally-Enhanced USB Multimedia Stereo PC Headset & Software

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

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## DSP Series Digitally-Enhanced USBPC Headsets

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

Launch your music, speech recognition, Internet telephony and voice applications from a single user interface.



Adjust microphone properties to optimize voice applications  
Choose from EQ presets to suit your favorite musical styles

### Minimum Systems Requirements-All

**Windows 98 Second Edition / Windows 2000/ME**

Pentium II 166 Mhz or equivalent  
10 MB free disk space  
16 MB Ram (32 for Windows 2000)  
SVGA Monitor  
4x CDROM  
USB Port

### Macintosh

Mac OS 9.0.4 or higher  
PowerPC 604 or better  
4x CDROM  
USB Port

### DSP-100 Digitally-Enhanced USB Speech Recognition Headset and Software

- Single-earpiece design
- USB plug & play—no sound card required
- Noise-canceling microphone
- Inline digital volume and mute controls
- PerSono™ Audio Control Center Software.
- QuickAdjust™ microphone boom
- Digital technology for maximum clarity

#### 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

#### Headphone Output

2-channel 48kHz output to headphone  
Headphone gain stage >80dB range  
Bass, treble, balance and volume controls  
80Hz-12kHz speaker frequency response  
28mm speaker diameter

#### Microphone Input

Mono, 16 bit, 48kHz data  
Preset digital EX-6 bands mono  
Microphone gain stage >50dB range  
Up to 25dB noise rejection  
(hypercardioid response)  
100Hz-10kHz frequency response  
Electret condenser microphone  
with -38dVB/Pa sensitivity  
Earcushion: 4mm Foam  
Cable Length: 3 meters  
Connection: USB

### DSP-300 Digitally-Enhanced USB Lightweight Headset and Software

- Full-range stereo sound
- USB plug & play—no sound card required
- Noise-canceling microphone
- Inline digital volume and mute controls
- PerSono™ Audio Control Center Software.
- QuickAdjust™ microphone boom
- Digital technology for maximum clarity

### DSP-300 - Specifications Cont'd

**Digital Signal Processing(DSP)**  
5-channel 16-bit, 48kHz data from USB  
24-bit, 100dB signal-to-noise CODEC  
32-bit digital audio processing

**Headphone Output**  
2-channel 48kHz output to headphone  
Headphone gain stage >80dB range  
Preset digital EQ-6 bands/channel (stereo)  
Bass, treble, balance and volume controls  
60Hz-16kHz speaker frequency response  
28mm speaker diameter

#### Microphone Input

Mono, 16-bit, 48kHz data  
Preset digital EX-6 bands mono  
Microphone gain stage >50dB range  
Up to 25dB noise rejection  
(hypercardioid response)  
100Hz-10kHz frequency response  
Electret condenser microphone  
with -38dVB/Pa sensitivity  
Earcushion: 4mm Foam  
Cable Length: 3 meters  
Connection: USB

### DSP-400 Digitally-Enhanced USB Foldable Headset and Software

- Full-range stereo sound
- USB plug & play—no sound card required
- Noise-canceling microphone
- Inline digital volume and mute controls
- PerSono™ Audio Control Center Software.
- QuickAdjust™ microphone boom
- Digital technology for maximum clarity

#### 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

**Headphone Output**  
2-channel 48kHz output to headphone  
Headphone gain stage >80dB range  
Preset digital EQ-6 bands/channel (stereo)  
Bass, treble, balance and volume controls  
60Hz-16kHz speaker frequency response  
28mm speaker diameter

### DSP-400 - Specifications Cont'd

**Microphone Input**  
Mono, 16-bit, 48kHz data  
Preset digital EX-6 bands mono  
Mic gain stage >50dB range  
Up to 25dB noise rejection  
(hypercardioid response)  
100Hz-10kHz frequency response  
Electret condenser microphone  
with -38dVB/Pa sensitivity  
Earcushion: 4mm Foam  
Cable Length: 3 meters  
Connection: USB

### DSP-500 Digitally-Enhanced USB Multimedia Stereo PC Headset & Software

- 40mm stereo speakers for maximum bass response
- USB plug & play—no sound card required
- Noise-canceling microphone
- Inline digital volume and mute controls
- PerSono™ Audio Control Center Software.
- QuickAdjust™ microphone boom
- Digital technology for maximum clarity

#### 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

**Headphone Output**  
2-channel 48kHz output to headphone  
Headphone gain stage >80dB range  
Preset digital EQ-6 bands/channel (stereo)  
Bass, treble, balance and volume controls  
20Hz-20kHz speaker frequency response  
40mm speaker diameter

**Microphone Input**  
Mono, 16-bit, 48kHz data  
Preset digital EX-6 bands mono  
Microphone gain stage >50dB range  
Up to 25dB noise rejection  
(hypercardioid response)  
100Hz-10kHz frequency response  
Electret condenser microphone  
with -38dVB/Pa sensitivity  
Earcushion: 12mm Foam  
Cable Length: 3 meters  
Connection: USB