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.

PLANTRONICS®
World Leader in Communications Headsets

DSP Series Digitally-Enhanced USB PC 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™ micophone 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 to25dB noise rejection
   (hypercardiod 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™ micophone 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
(hypercardiod 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™ micophone 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
(hypercardiod 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™ micophone 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
(hypercardiod response)
100Hz-10kHz frequency response
Electret condenser microphone
with -38dVB/Pa sensitivity
Earcushion: 12mm Foam
Cable Length: 3 meters
Connection: USB

Part # PS-900