

PARROTT™ BMIC USB HEADSET

USB MICROPHONE WITH
ANALOG EARPHONE

FEATURES

- Compatible with Windows® and Macintosh® operating systems
- Operates to full specifications with USB hub on Apple iMacs®
- Digital microphone complies with USB1.1 General and USB 1.0 Audio Device Class specifications
- Superior noise canceling microphone
- Award-winning Parrott™ Translator™ technology
- Fully adjustable headband
- Flexible positioning memory boom provides accurate microphone adjustment to either side of head
- Fully enclosed ratchet headband
- Soft temple pad is fully adjustable for maximum comfort
- Dynamic receiver
- Durable ABS plastic
- Plug and play
- USB power supply LED indicator
- USB Parrott™ Translator™ technology at a low cost



DESCRIPTION

The VXI BMIC USB Headset system brings the award-winning VXI Parrott™ Translator™ technology to the USB port of any personal computer. Applications such as speech recognition, voice command and control, VoIP (Voice over the Internet), video conferencing, voice recording, voice chat, and on-line gaming are all possible with the maximum voice clarity available on the PC with the VXI BMIC USB Headset.

The BMIC headset employs the same cutting-edge technology as that of the highly successful VXI Parrott™ line of speech recognition headsets to bring the same level of speech clarity to the USB port. A superior noise canceling microphone, coupled with the BMIC Translator™, enables any Windows® or Macintosh® computer, including Apple iMacs® and iBooks®, to implement voice-based applications on the USB port.

Installation and use are very straightforward, with all software drivers available from within either operating system. Operation is plug-and-play on both Windows® and Macintosh® platforms (see System Requirements on reverse side). A USB connector is provided for the digital microphone, and a single 3.5mm plug connects the analog earphone to the sound output jack. Operating power is supplied by the host USB port, and the BMIC draws only 30 mA from the port for reliable performance.

Long-term use and wearing comfort are designed into the BMIC USB Headset as well. The adjustable ratched headband is fully enclosed to eliminate pulled hair. The temple pad is made of soft plastic, and is fully adjustable. The flexible microphone boom holds its position, while the microphone windscreen is small enough to be unobtrusive. The headset is made of ABS plastic for maximum durability. The flexible headband is black stainless steel. Finally, the connecting cords are substantial and not easily broken.

Maximum voice clarity, VXI Parrott Translator technology, USB port connectivity, and a low cost — only from VXI BMIC USB Headsets.





TECHNICAL SPECIFICATIONS

MICROPHONE SPECIFICATIONS

Microphone:	Noise canceling electret
Signal-To-Noise Ratio:	≥50 dB
Ambient Noise Suppression:	13 dB @ 1 kHz, typical
Output Impedance:	1.8 kOhms typical
Sensitivity:	-50 dB @ 1 kHz (defined 1" from talk-side, 82 dB SPL)
Frequency Response:	100 Hz to 6.3 kHz, optimized for voice
Microphone Volume:	-58 dB to +20 dB
Sampling Rate:	Host-controlled; 8, 11.025, 22.05, 44.1 and 48 kHz
Sample Bit Depth:	Host-controlled; 8 or 16-bits

VXI PARROTT™ TRANSLATOR™

For highest speech recognition accuracy, high pass and low pass filtering assures optimum voice frequency response.

EARPHONE SPECIFICATIONS

Speaker:	Dynamic; 27 mm diameter
SPL:	90 dB @ 1 kHz, 0.22 V input
Impedance:	32 Ohms
Frequency response:	100 Hz to 6.3 kHz
Rated input power:	10 mW continuous, 100 mW peak

POWER REQUIREMENTS

Operating Current:	30 mA nominal
Operating Voltage:	5.0 V DC
Source:	Supplied by USB host.

MECHANICAL SPECIFICATIONS

Cables:	Spiral shielded construction with polyethylene insulation and PVC jacket.
Connectors:	Mic: Four-conductor USB plug. Speaker: 3.5 mm plug wired with signal on tip and ground on sleeve.
Microphone boom:	Positioning compliant; swivels 270°
Mounting:	Left or right ear placement
Headband:	ABS plastic and #316 stainless steel with 360° ratchet positioning

SYSTEM REQUIREMENTS

Operating system:	Windows® 2000; Windows® 98, Second Edition; Macintosh® OS 9.0.4
Hardware:	USB port



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