

Buddy DesktopMic™

Buddy DesktopMic™ is a USB-interface high quality directional microphone that is specifically designed for speech recognition applications. Its speech-ergonomic features include a flexible gooseneck, a sturdy and weight-stable base. Its casing design renders it remarkably robust to noise. It is designed for people who do not like to wear a headset microphone, while demanding audio signal quality like a headset.

It's sleek yet sturdy appearance makes it look attractive on any desktop, and beautifully complements any office setting.

Designed to accommodate speaker movements within a normal radius of 9 inches without perceptible effects on speech quality, as measured through speech recognition performance tests under scores of environmental noise scenarios.

Its USB interface is identical to Buddy USB 6G, our 6th generation replacement sound card. It includes a convenient mute switch with indicator lights so you don't have to guess its operational status.

Buddy DesktopMic™ has been certified by USB Organization to conform to the official USB 2 standards.

Construction

The microphone is a beautiful matte-black with a solid metal construction, built for both appearance and durability. The especially designed stylish heavy metal base is stable enough to keep the gooseneck from tipping over even at full extension, while light enough for effortless maneuvering and portability.

The Gooseneck is 18 inches long and flexible enough to retain its shape in almost any reasonable position. This provides the user an amazing amount of flexibility to position the microphone at virtually any angle with ease.

USB Interface

Its USB interface is 2.0 compliant with 12 mega bit transfer rate, and it can be used in any USB 2 slot in your Windows, Macintosh or Linux computers.

USB.org, the official governing body of all Universal Serial Bus applications and products, has officially certified the Buddy DesktopMic to meet USB standards. The USB chip used in the circuit is designed and manufactured in Germany. The 2 USB meter cable is detachable. It includes a 3.5 mm (1/8") audio socket for speaker connection.



Features

Microphone Element

Includes a unidirectional microphone element to provide clear audio signal from 1" to 9" range from the front of the element yet providing a speech signal comparable to headset microphones. This yields extremely high recognition accuracy in the high nineties with Dragon NaturallySpeaking.

Buttons and Lights

The base includes a one-touch toggle mute switch with easy-to-see indicator lights that show the power and mute status. When the mute switch is pressed once, the microphone stops listening and the right status light flashes in amber to indicate a muted state. Pressing the mute switch again activates the microphone and stops the flashing signal.

Compatibility

Buddy DesktopMic is a Plug & Play device, which uses standard Windows®, Macintosh® and Linux drivers. It works with Windows® XP, Windows® 2003, Windows® Vista. It has been tested to work well with Dragon NaturallySpeaking®, Microsoft Speech in Windows, and IBM ViaVoice®.

Technical Information

Microphone

Supports 8/16 bit mono recording at 6.4 KHz to 48 KHz, sensitivity -54 ± 4 dB impedance <650 Ohms.

Speaker Output

Supports 16/24 bit mono/stereo at 6.4 KHz to 48 KHz. Includes a low power stereo amplifier.

Signal to Noise Ratio

SNR is typically -92 dB for A/D (recording) and -96 dB for D/A (playback).

Total Harmonic Distortion

THR is better than -90 dB for both A/D (recording) and D/A (playback).

Power

Self powered from USB bus with less than 100 mA current at 5V DC.

Operating Temp.

Minimum -10°C (14°F), maximum 70°C (158°F).

Storage Temp.

Minimum -40°C (-40°F), maximum 75°C (167°F).



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