



Buddy StylusMic™

Buddy StylusMic™ is a multifunction USB Stylus and microphone combination for tablet PC and convertible laptop computers.

- ◆ It includes up to 3 programmable buttons to control the microphone, mouse and other OEM functions.
- ◆ Windows applications can interact with StylusMic buttons via USB HID interface.
- ◆ It includes Stylus with or without Wacom® technology for tablet surfaces with or without Penabled® interface.
- ◆ The microphone is highly noise canceling and especially designed to work with demanding voice applications such as Dragon NaturallySpeaking.
- ◆ The USB-interface is based on our highly acclaimed Buddy USB 6G electronics which in conjunction with highly noise canceling microphone provides exceptional speech recognition accuracy.
- ◆ Buddy StylusMic™ has been certified by USB Organization to conform to the official USB 2.0 standards.

Features

Microphone Element

Buddy StylusMic includes a noise canceling microphone element to provide clear audio signal that can match the performance of any close talking headset microphone. This yields extremely high recognition accuracy in the high nineties with Dragon NaturallySpeaking and Microsoft Windows speech recognition engines.

Buttons and Lights

There are two push buttons, the top one being a dual button. The light above the top switch flashes to indicate the microphone has been muted. The top half of the dual top button is a mute switch and toggles the mute state. Lower half of the top button is available for any Windows applications that can access the button via HID. The lower button (towards stylus) supports Wacom technology. In non-Wacom StylusMic this button is available to Windows application via HID.

Compatibility

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

USB Interface

Buddy StylusMic is USB 2.0 compliant with 12 mega bit transfer rate, and it can be used in any USB 2.0 slot in your Windows or Macintosh computers. The USB.org, the official governing body of all Universal Serial Bus products and applications, has officially certified the Buddy StylusMic to meet the USB standards.

Wacom Technology

Wacom has been making digitizers for more than a decade and their digitizers are used in majority of the tablet PC and convertibles sold in the market today. The stylus part of selected models includes a Wacom Penabled patented technology to work with tablet digitizers if your tablet and convertible computer is equipped with Wacom technology. This means that you can write or draw on the tablet PC surface like a normal pen on paper. This provides the user with a powerful device with an amazing amount of flexibility and easy to use to truly eliminate the need for a keyboard.

Software

Its plug and play operation uses Windows and Macintosh drivers for seamless operation. The Stylus operation and its built-in microphone will work with Windows built-in drivers. Windows applications can access the button press and release using USB HID (Human Interface Device) interface. To test this functionality you can use the Game Controllers applet in Windows Control Panel.

Technical Information

Microphone

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

Signal to Noise Ratio

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

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).



InSync Speech Technologies, Inc.

2411 - 6 Silver Maple Court Brampton, On, L6T 4N5, Canada
(905) 488-9719 (877)DRAGONS

<http://www.InSyncSpeech.com>