MXL® ProCon
Personal Internet Speakerphone

Series 1 • AC-405

Internet conferencing made simple

Thank you for purchasing the MXL AC-405 Speakerphone! The AC-405 can dramatically enhance conferencing for laptop, PC and Mac users and is an excellent complement to inexpensive internet telephony services like Skype™, AOL Instant Messenger, iChat, etc.

Package Contents:
• 1 AC-405 USB Personal
   Computer Speakerphone
• 1 USB Extension cable
• 1 Windscreen

Please note! Although Marshall MXL has tested the following applications at the time of manufacture, quality or results may vary by end user.

Installation/Setup

To begin installation, plug the AC-405 into any unused USB port on your laptop, desktop PC, or Apple Macintosh computer.

Setup for Windows Operating System

After connecting the AC-405 to an unused USB port, go to: **Start menu→Control Panel→Sounds and Audio Devices**.

Click on the Audio tab. Under Sound Playback, select C-Media USB Audio Device from the drop-down menu. Next click on the Apply button for these changes to take effect. To change the volume of the sound playback from the AC-405, click on the Volume button in the Sound Playback section.

Volume/Default Settings

To select the AC-405 as the default microphone input, select C-Media USB Audio Device in the Sound Recording Section. Next click on the Apply button for these changes to take effect. To change the microphone input volume on the AC-405, click on the Volume button in the Sound Recording section. Here you can change the volume of the microphone by moving the slider up and down. In this same window with the microphone gain slider, there is a button labeled Advanced. In this window you can turn off the Automatic Gain Control (AGC) of the AC-405.

Your computer is now set up to use the AC-405 with most applications. Further adjustments may be required by your conferencing software. Consult your software's user guide for additional setup requirements.

Important Note to Internet Telephony Users:
AGC lets the AC-405 set the microphone input volume automatically based on the volume of the sound source. If you are using an application that has its own built-in AGC in the software, such as Skype™, it can sometimes compete with the AC-405 AGC and cause undesired results.

To help fix this problem, make sure that the AGC box is UNCHECKED in this advanced window. If your application does not use auto gain control, it may help to keep the AGC box checked.

Setup for Apple Macintosh®

After connecting AC-405 to an unused USB port, go to: **Apple Icon→System Preferences→Sounds** icon. Click on the Input tab and select C-Media USB Audio Device. The microphone volume can be adjusted by moving the slider left and right. Next, click on the Output tab and select C-Media USB Audio Device. The speaker output volume can be adjusted by moving the slider left and right. Click the OK button.

Your computer is now set up to use the AC-405 with most applications. Further adjustments may be required by your conferencing software. Consult your software's user guide for additional setup requirements.

Suggested Applications for the MXL AC-405

The AC-405 can be used on any program which would require a microphone and/or speaker. Some applications include: QuickTime®, iChat®, Skype™, AIM, Yahoo Messenger, Oovoo, Gizmo, AOL Instant Messenger, Microsoft Instant Messenger, Adobe Acrobat Connect.

Specifications

Power supply: USB
USB 1.1/2.0 Win98/Win ME/Win 2000/WinXP/Vista & Mac OS9/OSX
16 Bit ADC & DAC
Sampling rate: DAC: 44.1, 48kHz, ADC: 44.1, 48kHz
S/N Ratio: 96dB

Mic

Transducer: Back electret condenser
Sensitivity: -25dB +/- 1.5dB
Frequency Response: (60-15k) Hz
Optimum pickup distance: (10-1000) cm

Speaker

Max. Output: 2W
Impedance: 4 ohms

Speaker mute
Mutes the speaker

+ Turns the speaker volume up

– Turns the speaker volume down

Mic Mute
Mutes the microphone