Specifications

Type	USB Boundary Microphone
Capsule	3 capsule boundary design with 180-degree coverage
Power	USB
Frequency Response	40 Hz - 16 kHz
Sampling Rate	44.1 kHz - 48 kHz
USB Compatibility	USB 1.1 and 2.0
Size	109mm x 75mm x 29.7mm 4.3in. x 2.95in. x 1.17 in.
A/D Converter	16-bit Delta Sigma with THD+N - 0.01%

Changing the LED Color

After the AC-404-LED is connected to a computer, the LED will cycle through Red, Green and Blue then flash once as a lighter blue. After the initiation finishes, the color of the LED can be user selected. To change the color of the LED, use the included mini Phillips screwdriver to rotate the LED control in the bottom of the AC-404-LED base. The colors options (from Left to Right) turning the control clockwise are White, Yellow, Red, Green, Blue, Purple, Pink and Auto.

When the control is set all the way to the right (clockwise) the LED will automatically cycle through a variety of colors (Auto).
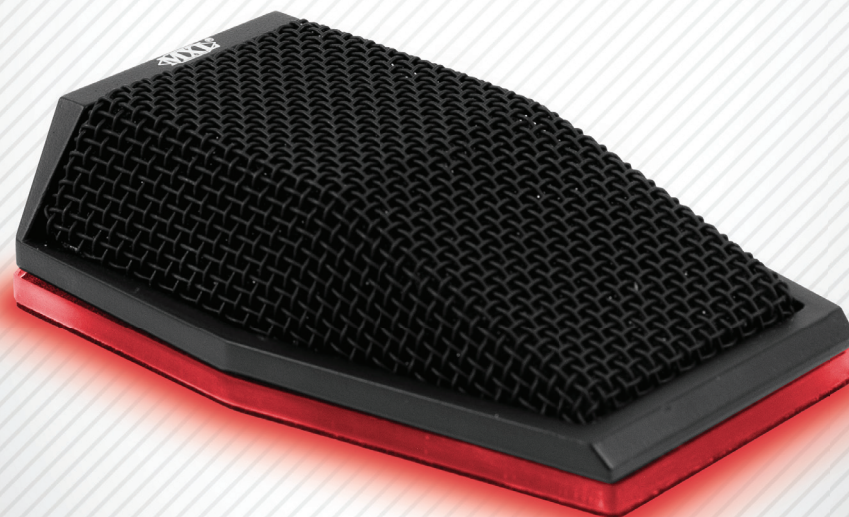
MXL ®

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MXL

AC-404
LED

LED USB Boundary Microphone

AC-404-LED

USB Boundary Microphone

MXL®

Thank you for choosing the MXL AC-404-LED USB Boundary Microphone. For best results, please take a few moments to read this manual and familiarize yourself with proper operation and care of this microphone.

Contents

Unpack your MXL 990 Microphone package carefully and verify that all of the following items are included:

MXL AC-404-LED USB Boundary Microphone

USB Cable

Mini Philips Screwdriver

Cleaning Cloth

If any of these items are missing or damaged, contact the company from which you purchased the microphone.

Installation/Setup

The AC-404-LED microphone is a USB (Universal Serial Bus) device that will interface with Windows® and Mac® computers without the need for any special drivers. The MXL AC-404-LED is compatible with USB 3, USB 2 and USB 1.1 ports. We recommend connecting your microphone directly to the computer's USB port as opposed to using a USB hub as USB hubs can interfere with the performance of various USB devices.

The MXL AC-404-LED includes a headphone jack that accepts most headphones; however, the maximum headphone volume will vary by manufacturer and model so care should always be exercised when first plugging in your headphones.

Setup for use with Mac®

After connecting the AC-404-LED to an unused USB port, go to:
System Preferences > Sounds Icon.

To use the built-in headphone jack on the AC-404-LED as the audio output, click on the Output tab then select the device named USB Audio CODEC. You can adjust the headphone volume by moving the fader labeled Output Volume.

Next, click the Input tab and select the device named USB Audio CODEC. You can adjust the microphone volume by moving the Input Volume slider. The gain of the microphone is very sensitive. For most applications the slider will be set toward the left.

Your computer is now setup to use the MXL AC-404-LED USB Boundary Microphone. Some applications will require additional settings to be changed within the program.

Setup for use with Windows®

Connect the MXL AC-404-LED to an unused USB port on your computer. To select the MXL AC-404-LED as the default audio device, go to:

Control Panel > Sound, and select the Recording tab. Control Panel > Sound Icon

Click on the Recording tab, selectHighlight the microphone icon labeled USB audio CODEC and click Set Default.

To adjust the microphone gain, double-click the microphone icon labeled USB audio CODEC. Click on the tab labeledSelect the Levels tab and adjust the Microphone level slider. The gain of the AC-404-LED microphone is very sensitive. For most applications the slider will be set towards the left. Click on the Apply or the OK button for these changes to take effect.

In order to use the AC-404-LED's built-in headphone jack as the default audio playback device for the computer, go to:

Control Panel > Sound Icon, and select the Playback tab. Highlight the speaker icon labeled as USB audio CODEC and click Set Default.

To adjust the playback volume, double-click on the speaker icon labeled USB audio CODEC. Click on the tab labeled Levels. The volume of the headphones can be adjusted by moving the slider labeled, Speakers. Click on the Apply or the OK button for these changes to take effect.

Your computer is now setup to use MXL AC-404-LED USB Boundary Microphone. Some applications will require additional settings to be changed within the program.

Care

Wipe the microphone with a dry microfiber cloth as needed. Keep away from heat or moisture.

Warranty

MXL microphones are guaranteed against defects in materials and workmanship for one year from the date of purchase. If you encounter any problem with this unit, promptly contact the company from which you purchased it for assistance. The original dated sales receipt will be necessary for any warranty claim. Do not send any unit directly to us without prior authorization from our service department. Warranty coverage is limited to repair or replacement (at our option) of the microphone, and does not cover incidental damages due to use of this unit, nor damage caused by accidental misuse of this product.