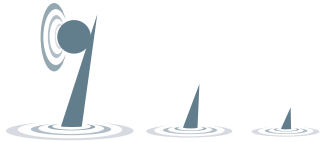




NESSIE

Adaptive USB Microphone for Fearless Recording





For decades people have been searching through the murky depths of audio recording for a solution to the most common pitfalls of recording. And today, you've found it. You've discovered Nessie: the first adaptive USB microphone. Nessie automatically adapts to whatever you're recording, applying professional studio processing in combination with a built-in pop filter and internal shockmount to produce expertly finished sound without the need for additional mixing or processing. Nessie professionally enhances audio on the fly so that you get polished music demos, podcasts, interviews, YouTube broadcasts and more, with less time, less fear, and less work.

Nessie combines Blue's custom-tuned cardioid condenser capsule with an integrated, studio-grade pop-filter and shockmount to reduce harsh plosives ("P" popping sounds) and disruptive rumbling and vibrations. Nessie also features a zero-latency headphone output for direct monitoring, which is critical for eliminating distracting delay. Nessie also includes a convenient headphone volume control and instantaneous microphone mute, located directly on the microphone.



Setting up Nessie

Setting up Nessie couldn't be any easier. Simply remove Nessie from the packaging and plug her into your PC or Mac via the micro USB receptacle on the back of Nessie's base. Within a couple of seconds, you should see Nessie's base light up with a solid, cool glow, signaling that she's ready to run. You can select your desired mode (Voice, Music, or Raw) at any time using the red mode selection switch located just above the USB connector.


If you will be using headphones for monitoring with Nessie, you can plug your headphones into the 3.5mm headphone jack at the rear. Headphone volume can be adjusted at any time using Nessie's large headphone volume knob at the base.


Nessie's high resolution digital processing engine incorporates three distinct modes; **Voice Mode**, **Music Mode**, and **Raw Mode**, to provide a wide range of sonic characteristics to best suit your recording needs.

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Voice Mode utilizes common processing techniques used by radio and voiceover professionals, while adjusting to variations in vocal level. It also reduces vocal sibilance (patterns of harsh-sounding consonants) to provide you with recordings that sound professional directly out of the microphone. This is a great mode for achieving impactful and 'present' vocals.

In **Music Mode**,  Nessie has been tuned to make your instrument and musical recordings sound lively and up-front, standing out from a bed of backing tracks or on their own. You'll find your recordings have more 'sparkle' and up-front detail when using this mode, especially acoustic guitars, pianos, or wind instruments.

Of course, if you would like to handle the audio processing yourself and desire a clean signal, you'll want to select **Raw Mode**.  Raw Mode passes the audio through with no modification or processing.

As always, these are only guidelines. There are no rules in recording: if it *sounds* good, it *is* good!

NESSIE

FEATURES GUIDE



Other cool things to know about Nessie:

Muting

You can tap or gently brush Nessie's mute button to mute or un-mute the microphone signal at any time. When the microphone is muted, the lighted base will pulse on and off. To un-mute the microphone, simply tap or brush the button again.

Gain

Nessie's sensitivity (gain) is set at a fixed level that is ideal for most recording purposes. You can make additional adjustments to gain within your computer's system settings or recording software. The maximum SPL that Nessie will handle is about 110dB, which is actually pretty loud! Nonetheless, if you are experiencing distortion, try increasing the distance between Nessie and your source. Also, be sure to check that your headphone volume is set at a reasonable level.

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The Serpentine Neck

Nessie's serpentine neck allows for a wide range of adjustments for various forms of recording. For desktop vocals, try angling the microphone up and out from its tucked-in, set position. For optimum vocal clarity, speak or sing directly towards the Blue logo on the front of the microphone, at a distance of around 12 inches. Or, for recording an acoustic guitar while seated, you can try angling Nessie down toward the guitar's sound hole. Feel free to experiment with Nessie's flexibility to achieve your ideal sound.

OS Setup

Nessie is designed for driverless operation with on both PC and Mac. Here are specific instructions for setup with your operating system.

Windows 8, Windows 7, and Windows Vista

1. Plug the microphone into the USB port on your computer using the provided USB cable.
2. From the **Start** menu, select the **Control Panel**.

3. From the **Control Panel**, select the **Sound** icon.
4. Select the **Recording** tab. Select **Nessie USB Microphone**.
5. Select the **Playback** tab. Select **Nessie USB Microphone** from the list. From this screen, you will also want to adjust the computer's master volume. As a starting point, set the computer's master volume to 100%. Once you've selected Nessie USB Microphone as your output device, you can control headphone volume with large knob/base of Nessie.

Please note: Your computer will recognize Nessie as both an input and an output device, and so your computer's audio output will be sent through Nessie's headphone jack. This can be easily changed in your Sound window under the Control Panel, or in your recording program's settings. Also, from this screen, you will want to adjust the microphone monitoring volume. You can adjust this by moving the fader labeled 'Microphone' to the left or to the right.

Apple-Macintosh (OSX 10.6.4 or higher)

1. Plug the microphone into your computer's USB port using the provided USB cable.
2. From the main Apple menu, select **System Preferences**.
3. Select the **Sound** icon.
4. Now select the **Input** tab and select **Nessie USB Microphone**.
5. Select the **Output** tab and select **Nessie USB Microphone**.
6. From this screen, you will want to set the **Output Volume** to 100%. Once you've selected Nessie as your output device, you can control the headphone volume with the knob on the front of the microphone.

Please note: Your computer will recognize Nessie as both an input and an output device, and so your computer's audio output will be sent through Nessie's headphone jack. This can be easily changed in your Sound Preferences window, or in your recording program's settings.

For frequently asked questions, troubleshooting and updates on compatibility with iPad, please go to www.bluemic.com/Nessie



Specifications

Microphone and Performance

Power Required/Consumption: 5V 150mA

Sample Rate: 48kHz

Bit Depth: 16bit

Capsules: 1 Blue-proprietary 14mm Condenser Capsule

Polar Patterns: Cardioid

Frequency Response: 20Hz-20kHz

Max SPL: 110dB (THD: 0.5% 1kHz)

Headphone Amplifier

Impedance: 16ohms

Power Output (RMS): 100mW

THD: 0.009%

Frequency Response: 15Hz-22kHz

Signal to Noise: 100dB

Dimensions (in stand, home position): 3.75" (9.5cm)
x 3.75" (9.5cm) x 10" (25.4cm) [11.25" [28.6cm] high
at max extension)

Weight: 1.4 lbs (.64 kg)

System Requirements

PC: Windows 8, Windows 7, Windows Vista, XP Home Edition or XP Professional
USB 1.1/2.0; 64 MB RAM (minimum)

Macintosh: Mac OSX (10.4.11 or higher)
USB 1.1/2.0 64 MB RAM (minimum)

Warranty

Blue Microphones warrants its hardware product against defects in materials and workmanship for a period of TWO (2) YEARS from the date of retail purchase, provided the purchase was made from an authorized Blue Microphones dealer. This warranty is void if the equipment is altered, misused, mishandled, maladjusted, suffers excessive wear, or is serviced by any parties not authorized by Blue microphones. The warranty does not include transportation costs incurred because of the need for service unless arranged for in advance. Blue Microphones reserves the right to make changes in design and improve upon its products without obligation to install these improvements in any of its products previously manufactured. For warranty service or for a copy of Blue's Warranty Policy including a complete list of exclusions and limitations, contact Blue at 818-879-5200.

In keeping with our policy of continued product improvement, Baltic Latvian Universal Electronics (BLUE) reserves the right to alter specifications without prior notice.

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