



HEADPHONES

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# *raspberry*

PREMIUM MOBILE USB MICROPHONE

[WWW.BLUEMIC.COM](http://WWW.BLUEMIC.COM)

Congratulations on your purchase of the Raspberry! Informed by Blue's illustrious studio legacy, Raspberry delivers dramatic, professional sound for podcasting, voice-over, Skype, streaming, vocals and instruments. Featuring separate headphone and mic volumes, mute, and an integrated stand, Raspberry offers everything you need to get studio-quality results anywhere. And with plug-and-play operation for PC, Mac, iPhone, and iPad, setup is easy—just connect and go.

## PACKAGE CONTENTS

- *Raspberry mic with integrated, collapsible stand*
- *Soft-suede carry pouch*
- *USB and Lightning cables*
- *Microphone stand adapter*
- *User manual*

# GETTING STARTED WITH RASPBERRY

## USING RASPBERRY WITH IPAD AND IPHONE

Connect using the provided Lightning cable. Raspberry will power up within a few seconds, and the LED light will illuminate green. You can now use Raspberry with apps that support external microphones.

## USING RASPBERRY WITH PC (WINDOWS 7, 8, OR 10)

- 1. Connect to your PC using the provided USB cable.*
- 2. From the Start menu, select the Control Panel.*
- 3. From the Control Panel, select the Sound icon.*
- 4. Click the Recording tab and select Raspberry.*
- 5. Click the Playback tab and select Raspberry.*

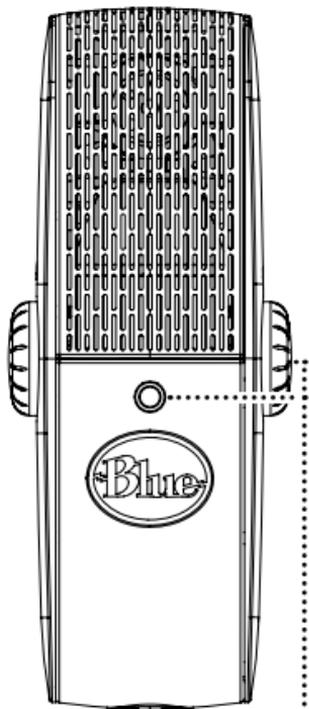
## USING RASPBERRY WITH MAC (OSX 10.7.5 OR HIGHER)

- 1. Connect to your Mac using the provided USB cable.*
- 2. Open System Preferences and select the Sound icon.*
- 3. Click the Input tab and select Raspberry.*
- 4. Click output tab and select Raspberry.*
- 5. From this screen, set the Output volume to 100%.*

# GETTING TO KNOW RASPBERRY

1

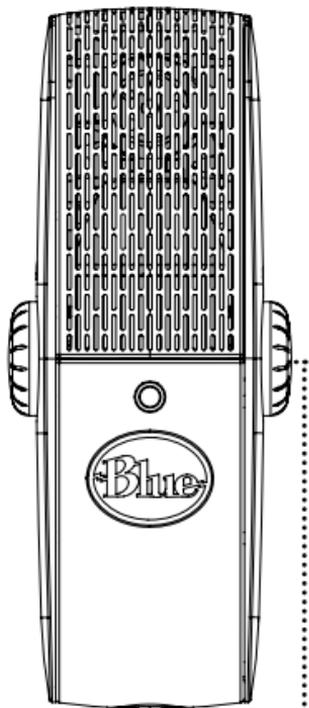
**Microphone level:** Turn the knob right to increase the level, and left to reduce the level. The LED light shows the mic signal strength: green for clean audio, flashing amber if audio is near overload, and flashing red if the mic is overloaded.



## GETTING TO KNOW RASPBERRY

2

**Muting:** press the Microphone Level knob to mute/unmute. When muted, the LED status light will turn red.

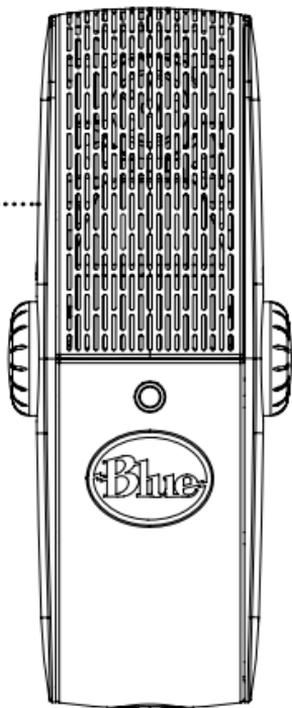


# GETTING TO KNOW RASPBERRY

3

## **Internal Acoustic Diffuser (IAD):**

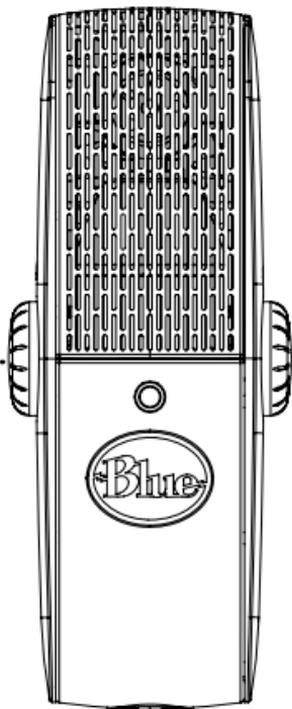
Raspberry's patent-pending Internal Acoustic Diffuser (IAD) design resembles treatments found in studios and concert halls. As sound enters the microphone grille, IAD diffuses the sound waves and discerns source audio from unneeded reflections—focusing your voice or instrument while minimizing the sound of the room.



## GETTING TO KNOW RASPBERRY

4

**Headphone volume:** Rotate left to increase headphone volume, and right to decrease. The headphone output mixes the microphone audio with the sound from your computer so you can record without latency.



## SETTING MICROPHONE LEVEL

Start with the Microphone Level knob rotated completely left, then rotate right until you get a strong signal. If the LED light flashes amber or red, the signal is too strong and could result in poor sound quality. In this case, reduce the level or move farther from the sound source.

## USING RASPBERRY WITH A MICROPHONE STAND

Simply unscrew the integrated desktop stand, and screw on the provided adapter. Then screw Raspberry directly onto your microphone stand. You can also use the Blue Radius II shockmount to further isolate Raspberry from bumps and vibrations

## SYSTEM REQUIREMENTS

### WINDOWS

Windows 7, 8 or 10  
USB 2.0 (or better)  
64 MB RAM (or better)

### MACINTOSH

Mac OSX (10.7.5 or newer)  
USB 2.0 (or newer)  
64 MB RAM (or better)

For best performance, plug Raspberry directly into your computer's USB port. Avoid using a USB hub.

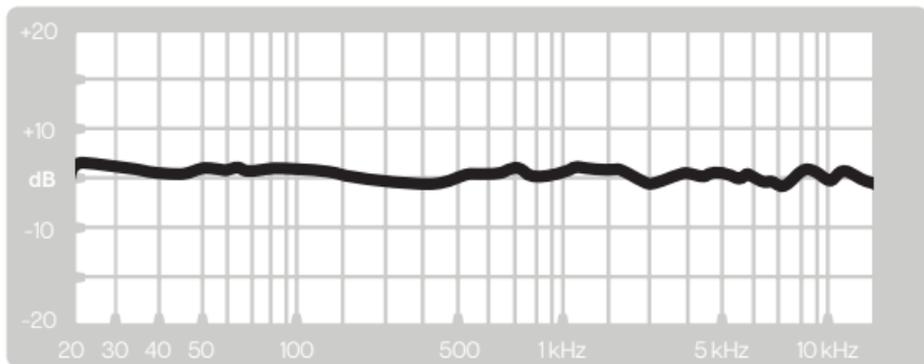
# FREQUENCY RESPONSE

## POLAR PATTERN

These charts are a starting point for the sound provided. How the microphone reacts in a particular application will differ depending on sound source, orientation and distance from sound source, room acoustics and other factors. For more tips on miking and recording techniques, check out [bluemic.com](http://bluemic.com).



1000Hz



# RASPBERRY SPECIFICATIONS

- **Power Requirement:** Powered via USB or Lightning connector
- **Transducer Type:** Electret Condenser, 14mm
- **Polar Pattern:** Cardioid (Unidirectional)
- **Bit Depth:** 16-bit/24-bit
- **Sampling Rate:** 44.1/48 kHz
- **Frequency Response:** 20Hz – 20kHz
- **Adjustable Gain:** 0 to +40dB
- **Maximum SPL:** 120 dB SPL (THD: 0.5% 1kHz)
- **Mount Thread:** 1/4" diameter, 20 threads per inch (standard camera mount)
- **Microphone Stand Adapter:** 5/8-27 thread (standard microphone stand mount)
- **Headphone Jack:** 3.5mm (1/8 inch)
- **Headphone Amp Impedance:** 32 ohm
- **Dimensions and Weight:**

## **Mic only**

**L** = 39.5 mm   **W** = 50.5 mm   **H** = 123 mm

**Weight** = 167.1g

## **Mic with stand (collapsed)**

**L** = 46.75 mm   **W** = 58.5 mm   **H** = 147.5 mm

**Weight** = 272.3g

Made for iPhone SE, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPad Pro (9.7-inch) , iPad Pro (12.9-inch), iPad mini 4, iPad Air 2, iPad mini 3, iPad Air, iPad mini 2, iPad mini, iPad (4th generation), iPod touch (6th generation), iPod touch (5th generation).

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Blue Microphones warrants its hardware product against defects in materials and workmanship for a period of TWO (2) YEARS from the date of original retail purchase, provided the purchase was made from an authorized Blue Microphones dealer. This warranty is void if the equipment is altered, misused, mishandled, disassembled, 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.