



Designed to look and feel like the headset worn by attack helicopter pilots, the Razer BlackShark is your battle-ready solution for powerful, immersive PC gaming audio.

The Razer BlackShark also delivers superior sound isolation with its full circumaural ear cups. Whether blocking out the loud noise made by a deadly attack helicopter, the construction work just outside your home, or any other ambient sounds, you'll hear nothing but the sweet, immersive sounds of ownage, destruction and victory you're dealing in-game.

When you stop gaming to get out and about, detach the microphone boom and take the lightweight headphones with you for a stylish audio solution on-the-go. The Razer BlackShark is also built with memory foam ear cushions that mold to the shape of your ears for maximum comfort over extended use, making this headset the most vital weapon for your total PC gaming and music enjoyment.

## TABLE OF CONTENTS

1. PACKAGE CONTENTS / HARDWARE REQUIREMENTS .....	2
2. TECHNICAL SPECIFICATIONS / REGISTRATION .....	3
3. DEVICE LAYOUT .....	4
4. USING YOUR RAZER BLACKSHARK .....	5
5. SAFETY AND MAINTENANCE .....	7
6. LEGALESE .....	8

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## 1. PACKAGE CONTENTS / HARDWARE REQUIREMENTS

### ***PACKAGE CONTENTS***

- Razer BlackShark Expert 2.0 Gaming Headset
- Microphone Replacement Cover
- Headphone + Microphone Splitter Cable
- Quick Start Guide

### ***HARDWARE REQUIREMENTS***

#### Audio Usage:

- Devices with 3.5mm audio jack

#### Audio + Microphone Usage:

- Devices with 3.5mm audio + mic combined jack  
(Compatible with Apple iPhone®, HTC®, BlackBerry®)

#### Headphone + Microphone Splitter Cable Usage

- Devices with separate 3.5mm audio and microphone jacks  
(Compatible with most laptop and desktop computers)

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## 2. TECHNICAL SPECIFICATIONS / REGISTRATION

### **HEADPHONES**

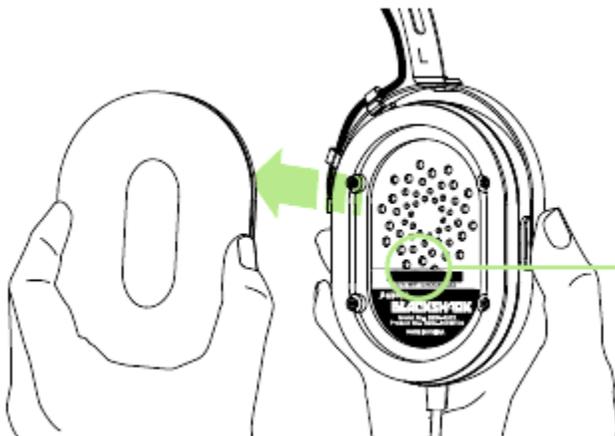
Drivers:	50mm Neodymium Magnets
Frequency Response:	20 - 20,000 Hz
Impedance @ 1kHz:	32 $\Omega$
Cable Length:	1.3m
Connector:	3.5mm Gold-Plated Audio Jack

### **MICROPHONE**

Frequency Response:	50 – 16,000 Hz
Sensitivity @ 1kHz:	-37 dB $\pm$ 4dB
Signal-to-Noise Ratio:	50 dB
Pick-up Pattern:	Unidirectional

### **REGISTRATION**

Please visit [www.razerzone.com/registration](http://www.razerzone.com/registration) for online product registration.



Your product's serial number can be found inside the Leatherette Earcup, as shown here.

What you'll get:

- 1 year limited manufacturer's warranty.
- Access to manual and free online technical support at [www.razersupport.com](http://www.razersupport.com).

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### 3. DEVICE LAYOUT

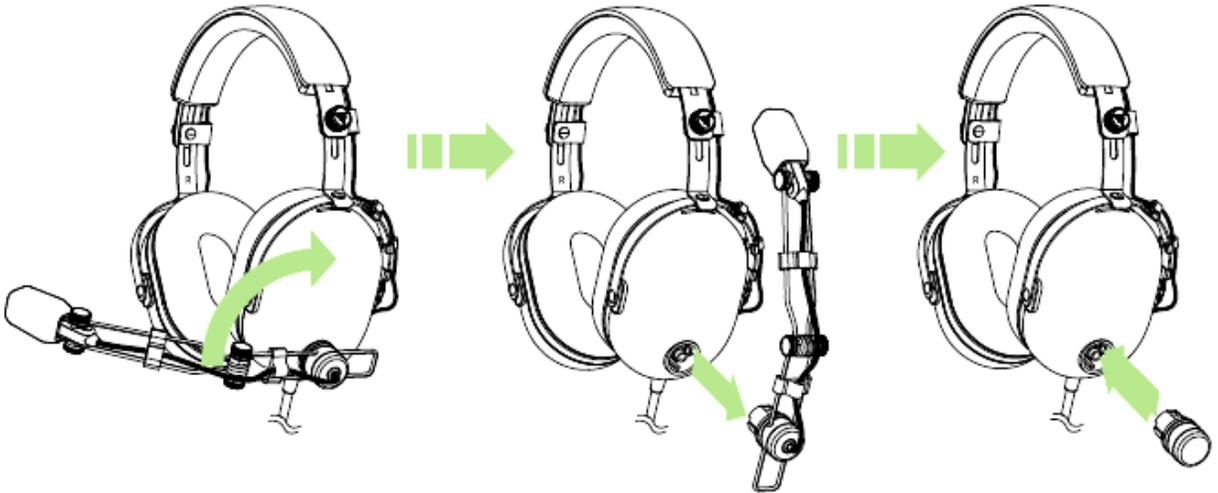


- A. Adjustable Padded Headband
- B. Circumaural Earcup Design
- C. Leatherette Memory Foam Cushions
- D. 3.5mm Audio Jack
- E. Tangle-Resistant Audio Cable
- F. Detachable Noise-Filtering Boom Microphone
- G. Microphone Replacement Cover
- H. Headstone + Microphone Splitter Cable

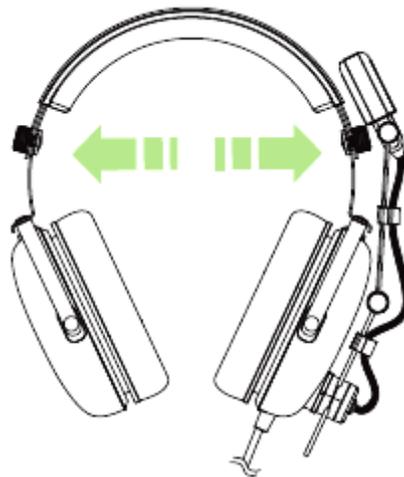
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## 4. USING YOUR RAZER BLACKSHARK

### REPLACING THE MICROPHONE

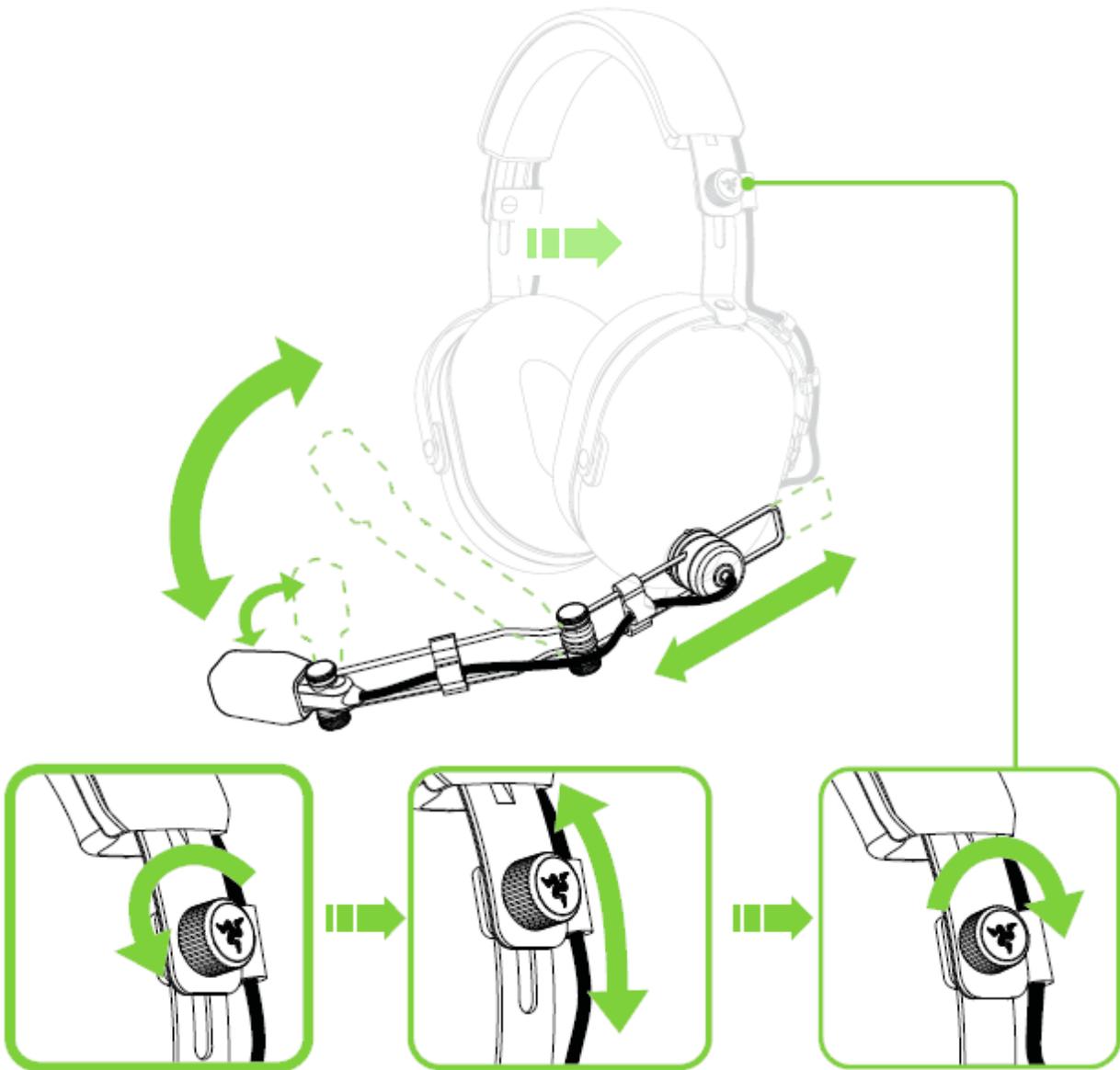


### EXTENDING YOUR HEADPHONE'S LIFESPAN



Before using the headphones, we recommend gently stretching them apart before placing them over your head to minimize headband stress. However, do avoid overstretching the headphones beyond the product's technical limits.

**ADJUSTING THE MICROPHONE AND HEADBAND'S LENGTH**



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## 5. SAFETY AND MAINTENANCE

### ***SAFETY GUIDELINES***

In order to achieve maximum safety while using your Razer BlackShark, we suggest that you adopt the following guidelines:

1. Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and contact the Razer hotline or go to [www.razersupport.com](http://www.razersupport.com) for support. Do not attempt to service or fix the device yourself at any time.
2. Do not take apart the device (doing so will void your warranty) and do not attempt to operate it under abnormal current loads.
3. Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 0°C (32°F) to 40°C (104°F). Should the temperature exceed this range, unplug and switch off the device in order to let the temperature stabilize within the optimal temperature range.
4. The Razer BlackShark isolates external ambient sounds even at low volumes, resulting in lowered awareness of your external surroundings. Please remove the Razer BlackShark when engaging in any activity that requires active awareness of your surroundings.
5. Listening to excessively loud volumes over extended periods of time can damage your hearing. Furthermore, legislation of certain countries permits a maximum sound level of 86db to affect your hearing for 8 hours a day. We therefore recommend that you reduce the volume to a comfortable level when listening for prolonged periods of time. Please, take good care of your hearing.

### ***MAINTENANCE AND USE***

The Razer BlackShark requires minimum maintenance to keep it in optimum condition. Once a month we recommend you unplug the device and clean it using a soft cloth or cotton swab with a bit of warm water to prevent dirt buildup. Do not use soap or harsh cleaning agents.

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## 6. LEGALESE

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### ***LIMITED PRODUCT WARRANTY***

For the latest and current terms of the Limited Product Warranty, please visit [www.razerzone.com/warranty](http://www.razerzone.com/warranty).

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***GENERAL***

These terms shall be governed by and construed under the laws of the jurisdiction in which the Product was purchased. If any term herein is held to be invalid or unenforceable, then such term (in so far as it is invalid or unenforceable) shall be given no effect and deemed to be excluded without invalidating any of the remaining terms. Razer reserves the right to amend any term at any time without notice.