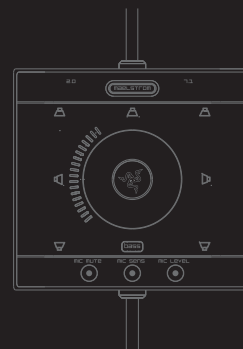




RAZER™

# MEGALODON™

7.1 surround sound gaming headset



MASTER GUIDE



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- 02 Introduction
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## PUT SOUND IN ITS PLACE

Congratulations on purchasing the Razer Megalodon™ 7.1 surround sound gaming headset.

From the padded footsteps creeping up behind you to locating the far-off shots that whizz by your head, the Razer Megalodon's Razer Maelstrom™ Audio Engine will ensure that you'll never be caught unaware again.

Use the Razer Megalodon to zero in on the angle that your target is taking, and take him out before he can take another shot.

Sound is at your mercy; put it in its place.

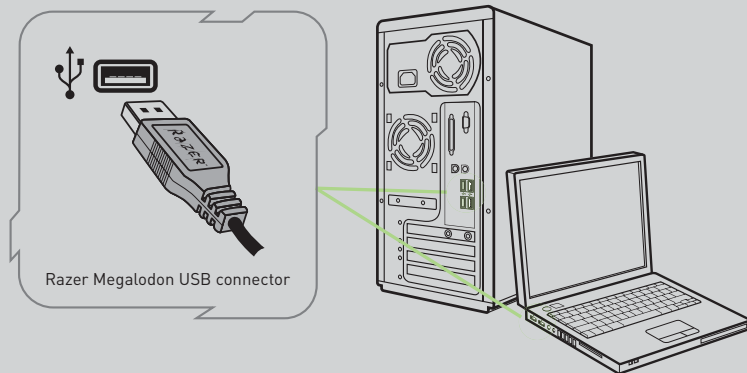
## PACKAGE CONTENTS

- Razer Megalodon Gaming Headset
- Carrying Case
- Certificate of Authenticity
- Quick Start Guide
- Master Guide

## SYSTEM REQUIREMENTS

- PC with built-in USB port
- Windows® XP SP2 or higher / x64 / Vista / Vista64
- Works best with applications that support DirectX® 9.0c or higher. Surround sound features may not be available in OpenAL® applications.

## INSTALLATION / REGISTRATION / TECHNICAL SUPPORT



### Windows® XP / x64 / Vista / Vista64 Installation Instructions

1. Turn on your computer.
2. Plug your Razer Megalodon USB connector into the USB port of your computer.
3. Your computer will automatically detect the Razer Megalodon.
4. Once the Razer Megalodon is detected, you will be able to choose the Razer Megalodon device in the Audio Properties.

5. For optimum surround sound, make sure that 5.1 or 7.1 speakers configuration is selected in the advanced settings. This can be reached in Windows XP by accessing Start > Control Panel > Sound and Audio Device Properties > Volume Tab > Speaker Settings > Advanced Properties > Speakers Tab

### REGISTERING YOUR RAZER MEGALODON

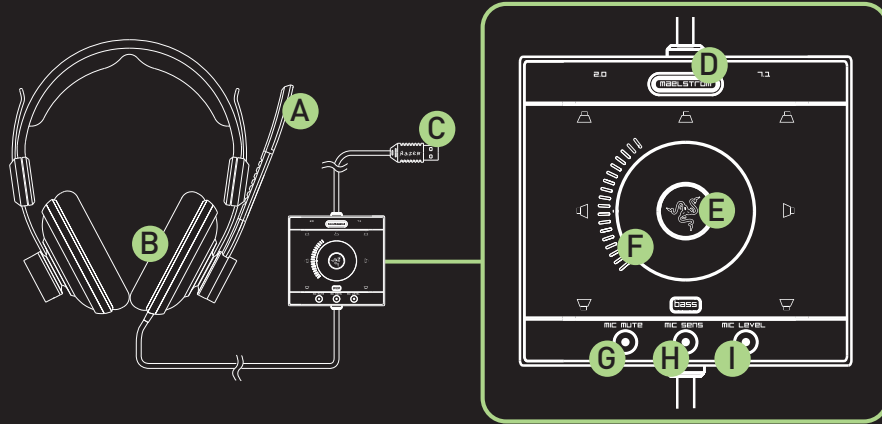
Please visit [www.razerzone.com/registration/](http://www.razerzone.com/registration/) for online product registration.

#### What you'll get:

- 1 year's limited manufacturer's warranty
- Free online technical support at [www.razersupport.com](http://www.razersupport.com)

## KEY FEATURES

Default button assignments



- A** Amplifying and noise filtering microphone
- B** 7.1 virtualized surround sound to put sound in its place
- C** Gold-plated USB connector
- D** Toggle the Razer Maelstrom Audio Engine on and off
- E** Independent control over the center, front, side and rear speakers
- F** The control wheel allows for on-the-fly adjustments of every function
- G** Convenient access to mute the microphone
- H** Mic Sens controls the amount of background noise filtered out
- I** Mic Level controls the volume the microphone outputs to teammates



## TECHNICAL SPECIFICATIONS

### HEADPHONES

Frequency Response: 20 - 20,000Hz  
 Impedance: 32Ω at 1kHz  
 Sensitivity (@1kHz, 1V/Pa): 102 ± 4dB  
 Max. Input Power: 200 mW  
 Drivers: 40mm, with neodymium magnets  
 Cable: 3.3 meters, braided fiber sheath  
 Connector: Gold-plated USB

### MICROPHONE

Frequency Response: 50 - 16,000Hz  
 Sensitivity (@1kHz, 1V/Pa): -37 dB ± 4dB  
 Signal-to-Noise Ratio: 50dB  
 Pick-up pattern: Unidirectional

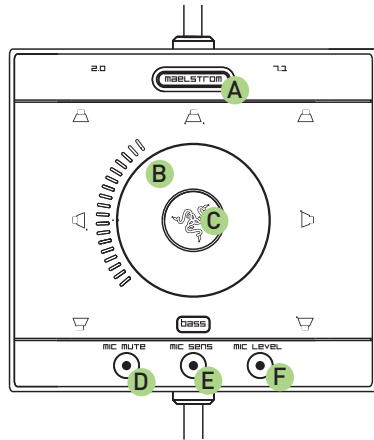
### AUDIO PROCESSING UNIT

Controls : • master volume • centre volume • front volume • side volume • rear volume  
 • bass level • mic sensitivity • mic level • mic mute/test • Maelstrom on/off • reset

## USING YOUR RAZER MEGALODON CONTROL POD

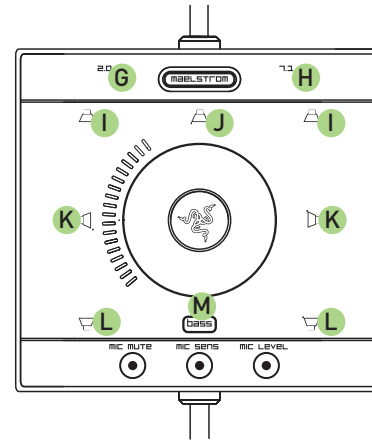
The Razer Megalodon is a 7.1 virtualized surround sound gaming headset designed specifically to incorporate the Razer Maelstrom Audio Engine, to make it the definitive gaming headset for gamers today. The Razer Maelstrom provides true-to-life 7.1 Surround Sound, utilizing next generation HRTF technologies and a superb DSP with unheard of processing power, which results in enhanced processing – a boon for demanding games today.

### Control pod overview [default settings]



#### BUTTONS

- A Maelstrom - Activates Razer Maelstrom Audio Engine
- B Control Wheel - Adjustment of volume level
- C Channel Selector - Toggles between the different speakers
- D MIC MUTE - Microphone mute button
- E MIC SENS - Microphone sensitivity button
- F MIC LEVEL - Microphone volume level button



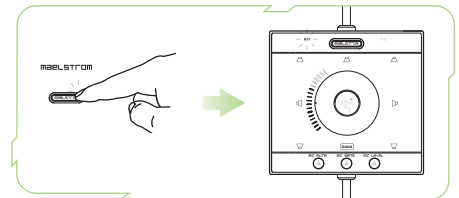
#### INDICATORS

- G 2.0 Music - 2.0 Music Output indicator
- H 7.1 Gaming - 7.1 Gaming Output indicator
- I Front L/R Speakers - Front L/R Speakers indicator
- J Centre Speaker - Centre Speaker indicator
- K Side L/R Speakers - Side L/R Speakers indicator
- L Rear L/R Speakers - Rear L/R Speakers indicator
- M BASS - Bass level indicator

### Razer Maelstrom Audio Engine

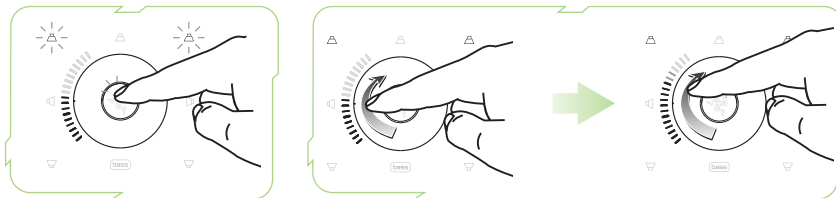
The Razer Maelstrom Audio Engine is activated by default. However, you can toggle between the 2.0 stereo sound and the 7.1 surround sound by clicking the Maelstrom button.

Setting the Razer Megalodon to the 2.0 (Music) setting is ideal for music and games that do not support surround sound. When the 7.1 (Gaming) setting is on, surround sound is virtualized and allows you to more clearly identify the position of sounds in games and other surround sound enabled media.



## Finetuning Razer Maelstrom Audio Engine

In order to give you more control on the 7.1 surround sound, the Razer Megalodon control pod allows you to adjust the master volume, center volume, front volume, side volume, back volume and the bass level. By clicking the Channel Selector, you can switch between the different channels and adjust the volume manually using the control wheel. Individually setting each channel to your own preference will allow you to emphasize sounds coming from a certain direction and more immediately identify the position of in-game sound cues and threats that you may not be able to see.



Example: Adjusting the Front L/R volume.

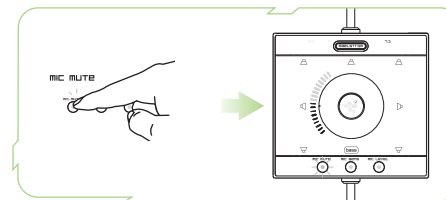
1. Click on the Channel Selector until only the Front L/R speaker indicators are lit.
2. Tune the volume of the Front L/R speakers by adjusting the control wheel. In-game sounds that come from the front of your avatar should now be louder and easier to identify.
3. Once you are satisfied with the volume, allow the Control Pod to revert back to the Master Volume setting in 5 seconds. Otherwise, you can also manually change back to the Master Volume setting by clicking on the Channel Selector until all speaker indicators are lit.

**Note:** Bass from the Front L/R speakers is channeled to the virtual bass speaker [BASS]. Therefore, you can also control the bass level in the 2.0 setting.

## Microphone Control

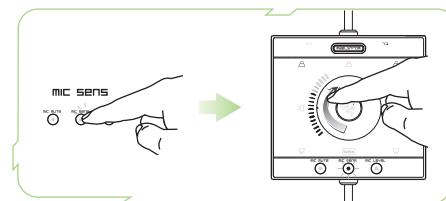
In addition to the Razer Maelstrom Audio Engine, you can also adjust the microphone using the Control Pod.

### MICROPHONE MUTE



Click on the MIC MUTE button to mute the mic.

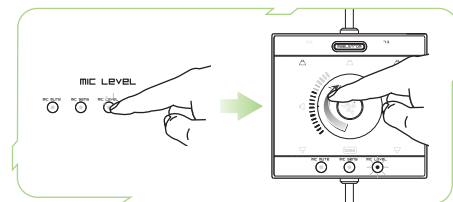
### ADJUSTING THE MICROPHONE SENSITIVITY



1. Click on the MIC SENS button. The MIC SENS indicator will be lit.
2. Turn the control wheel to adjust the microphone sensitivity.

3. While the MIC SENS indicator light is on, you will be able to hear yourself speaking into the microphone. Listen for any background noise. By increasing the MIC SENS, you can adjust the microphone's sensitivity so it cuts out background noises and only picks up your voice.
4. Once you are satisfied with the sensitivity, click on the Channel Selector to return back to the previous control. Otherwise, the control pod will revert back to the previous control in 5 seconds.

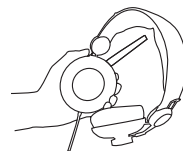
#### ADJUSTING THE MICROPHONE VOLUME LEVEL



1. Click on the MIC LEVEL button. The MIC LEVEL indicator will be lit.
2. Turn the control wheel to adjust the volume of the microphone.
3. While the MIC LEVEL indicator light is on, you will be able to hear yourself speaking into the microphone. This is the volume at which your teammates or enemies will hear you speak at. Adjusting the MIC LEVEL higher will amplify the volume of your voice and adjusting the MIC LEVEL lower will lower the volume of your voice.
4. Once you are satisfied with the volume level, click on the Channel Selector to return back to the previous control. Otherwise, the control pod will revert back to the previous control in 5 seconds.

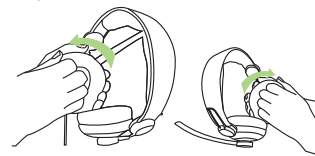
#### MOUNTING AND DISMOUNTING THE EARPAD CUSHIONS

##### Step 1



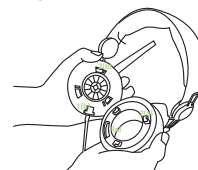
Hold the headset facing away from you, with the microphone on your left.

##### Step 2



Grip the left earpad cushion firmly as shown, and turn towards you, as indicated by the arrow.

##### Step 3



Dismount the right earpad cushion similarly, by turning it towards you while the headset is facing away from you.

To remount the headset cushion, ensure that cutout 1(a) is aligned with housing 1(b). Match up tabs 2(a) with sockets 2(b) as shown. Turn earpad away from you to lock it in place.

#### RESETTING TO FACTORY DEFAULT

To reset the Razer Megalodon to factory default settings, press and hold the Channel Selector for 10 seconds while the Razer Megalodon is connected to a computer that is powered on.

NB: ALL CONFIGURATION SETTINGS WILL BE LOST WHEN YOU RESET THE RAZER MEGALODON TO FACTORY DEFAULT SETTINGS. ALL CONFIGURATION SETTINGS WILL NEED TO BE RE-ADJUSTED ON THE CONTROL POD AFTER THE RESET.



## SAFETY and maintenance

### SAFETY GUIDELINES

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

1. Should you have trouble operating the headset properly and troubleshooting does not work, unplug the device and call 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 the headset apart (doing so will also void your warranty) and do not attempt to service it yourself or operate it under abnormal current loads.
3. Keep your headset away from liquid, humidity or moisture.
4. The Razer Megalodon isolates external ambient sounds even at low volumes, resulting in lowered awareness of your external surroundings. Please remove the Razer Megalodon when engaging in any activities that requires active awareness of your surroundings.
5. Excessively loud listening volumes damage your hearing over extended periods of time. The legislation of certain countries allows a maximum permissible sound pressure level of 85 dB to affect your hearing for the duration of a working day. Therefore, please reduce your volume level to a

comfortable level for longer usage period. Take good care of your hearing.

### MAINTENANCE AND USE

There is little maintenance required to keep the Razer Megalodon in optimum condition. Once a month, we recommend that you unplug the headset from the USB port and clean it with a soft cloth or cotton swab. Use a little warm water but avoid soap or harsh cleaning agents.

## LEGALESE

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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the

interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

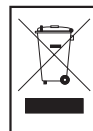
Increase the separation between the equipment and the receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio TV technician for help.

For more information, refer to the online help system on [www.razerzone.com](http://www.razerzone.com)

## WEEE INFORMATION



### ENGLISH

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

### FRANÇAIS

Comment éliminer ce produit (déchets d'équipements électriques et électroniques)

(Applicable dans les pays de l'Union Européenne et aux autres pays européens disposant de systèmes de collecte sélective)

Ce symbole sur le produit ou sa documentation indique qu'il ne doit pas être éliminé en fin de vie avec les autres déchets ménagers. L'élimination incontrôlée des déchets pouvant porter préjudice à l'environnement ou à la santé humaine, veuillez le séparer des autres types de déchets et le recycler de façon responsable. Vous favoriserez ainsi la réutilisation durable des ressources matérielles. Les particuliers sont invités à contacter le distributeur leur ayant vendu le produit ou à se renseigner auprès de leur mairie pour savoir où et comment ils peuvent se débarrasser de ce produit afin qu'il soit recyclé en respectant l'environnement. Les entreprises sont invitées à contacter leurs fournisseurs et à consulter les conditions de leur contrat de vente. Ce produit ne doit pas être éliminé avec les autres déchets commerciaux.

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**POLISH**

Prawidowe usuwanie produktu [Zużyty sprzęt elektryczny i elektroniczny]  
Oznaczenie umieszczone na produkcie lub w odnoszących się do niego tekstach wskazuje, że produktu po upływie okresu użytkowania nie należy usuwać z innymi odpadami pochodzącymi z gospodarstw domowych. Aby uniknąć szkodliwego wpływu na środowisko naturalne i zdrowie ludzi wskutek niekontrolowanego usuwania odpadów, prosimy o oddzielenie produktu od innego typu odpadów oraz odpowiedzialny recykling w celu promowania ponownego użycia zasobów materialnych jako stałej praktyki. W celu uzyskania informacji na temat miejsca i sposobu bezpiecznego dla środowiska recyklingu tego produktu użytkownicy w gospodarstwach domowych powinni skontaktować się z punktem sprzedaży detalicznej, w którym dokonali zakupu produktu, lub z organem władz lokalnych. Użytkownicy w firmach powinni skontaktować się ze swoim dostawcą i sprawdzić warunki umowy zakupu. Produktu nie należy usuwać razem z innymi odpadami komercyjnymi.

**GREEK**

Τα σήματα που εμφανίζονται επάνω στο προϊόν ή στα εγχειρίδια που το συνοδεύουν, υποδεικνύουν ότι δεν θα πρέπει να ρίπτεται μαζί με τα υπόλοιπα οικιακά απορρίμματα μετά το τέλος του κύκλου ζωής του. Προκειμένου να αποφευχθούν ενδεχόμενες βλαβερές συνέπειες στο περιβάλλον ή την υγεία εξαιτίας της ανεξέλεγκτης διάθεσης απορριμμάτων, σας παρακαλούμε να το διαχωρίσετε από άλλους τύπους απορριμμάτων και να το ανακυκλώσετε, ώστε να βοηθήσετε στην βιώσιμη επαναχρησιμοποίηση των υλικών πόρων. Οι οικιακοί χρήστες θα πρέπει να λάβουν σε επικοινωνία είτε με τον πωλητή είτε από αγοράσαν αυτό το προϊόν, είτε τις κατά τόπους υπηρεσίες, προκειμένου να πληροφορηθούν τις λεπτομέρειες σχετικά με τον τόπο και τον τρόπο με τον οποίο μπορούν να δώσουν αυτό το προϊόν για ασφαλή προς το περιβάλλον ανακύκλωση. Οι επιχειρήσεις χρήστες θα πρέπει να λάβουν σε επαφή με τον προμηθευτή τους και να ελέγξουν τους όρους και τις προϋποθέσεις του συμβολαίου πώλησης. Το προϊόν αυτό δεν θα πρέπει να αναμειγνύεται με άλλα συνηθισμένα απορρίμματα προς διάθεση.