

Mobius User Manual

May your adventures be infinite and your imagination never ending

Immersive Cinematic 3D Headphone

Brand Name: Audeze

Model Name: Mobius

Made by: Ampacs Corporation

Made in China

Manufacturing Date: 2018-05

IMPORTANT SAFETY INSTRUCTIONS

WARNINGS/CAUTIONS

- To prevent possible hearing damage, do not listen at high volume levels for long periods. Also, higher volume will incur more THD noise. Recommend to use your headphones at a comfortable, moderate volume level.



- Turn the volume down on your device before placing the headphones in/on your ears, then turn the volume up gradually until you reach a comfortable listening level.
- An alarm (beep), warning tone, are meant to protect your ears when you raise the volume setting beyond a specific level.
- Do NOT use your headphones while driving for phone calls or any other purpose.
- Use this product only with an agency approved power supply which meets local regulatory requirements (e.g., UL, CSA, VDE, CCC).
- Do NOT make unauthorized alterations to this product. (e.g. remove the Li-ion polymer rechargeable battery from this product and install un-qualified battery by yourself.) This could result in the potential battery explosion risk.
- Do not expose products containing batteries to excessive heat (e.g. from storage in direct sunlight, fire or the like)
- This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.
- If the headphone landed on the face (ear pads) could be imputed to users' careless, the air pressure created by trapped air volume inside of the ear pads can damage the diaphragm. The potential damage will be users' responsibility.

REGULATORY INFORMATION

*“This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.”*

NOTE: 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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

RSS-Gen & RSS-210 statement:

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RSS-102 Statement:

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.

Taiwan regulatory information(NCC)

Management Regulation for Low-power Radio-frequency Devices

Article XII

According to “Management Regulation for Low-power Radio-frequency Devices” without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to an approved low power radio frequency devices.

Article XIV

The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved.

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

This wireless equipment has a possibility to cause radio interference so it cannot offer a serve related to human safety.

해당 무선설비가 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

Audeze LLC hereby declares that this product is in compliance with the essential requirements.

The Bluetooth operating frequency band is from 2400 to 2480 MHz and the maximum transmit power is less than 7dBm EIRP. The Bluetooth DID number is D039948.

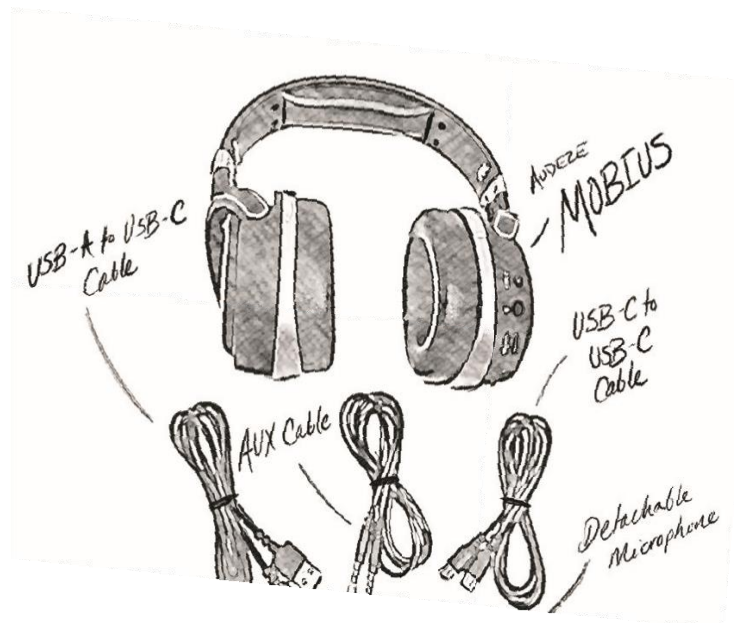
INTRODUCTION

NOTICE: BEFORE ANYTHING ELSE, PLEASE READ THE MOBIUS SAFETY AND WARRANTY INFO! BE RESPONSIBLE AUDIO ADVENTURERS!

You've found the Audeze Mobius Immersive, Cinematic 3D Headphone, *the most technologically advanced headphone designed with the gamer in mind!*

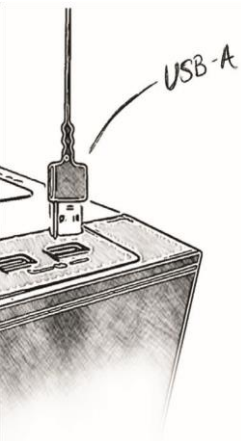
Don't be intimidated. Don't panic. This two button, two wheel, planar magnetic, Waves Nx head-tracking enabled pair of cans represents the most technologically advanced head accessory on the market. Some might call it a fancy space hat, but this is Mobius. And with your Mobius, we plan on taking you to places within audio far beyond anything you've ever known. So, take a deep breath, shake out those jitters, it's time to journey!

When embarking on a quest of this magnitude, it is of course wise to check one's inventory. Who leaves with nothing, after all? Such folly! Included in your



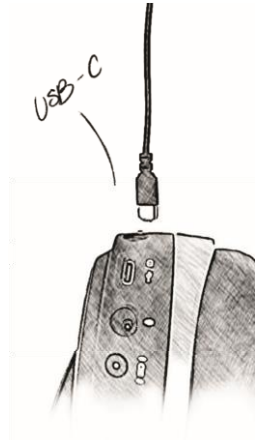
Mobius pack, you'll find: a USB-A to a USB-C cable, a USB-C to a USB-C cable, an Analog 3.5mm cable, and a Detachable Microphone. While you're at it, inspect the design of Mobius, its flexibility, its durability, its memory foam pads.

Note: We recommend not twisting other headphones like you would Mobius...



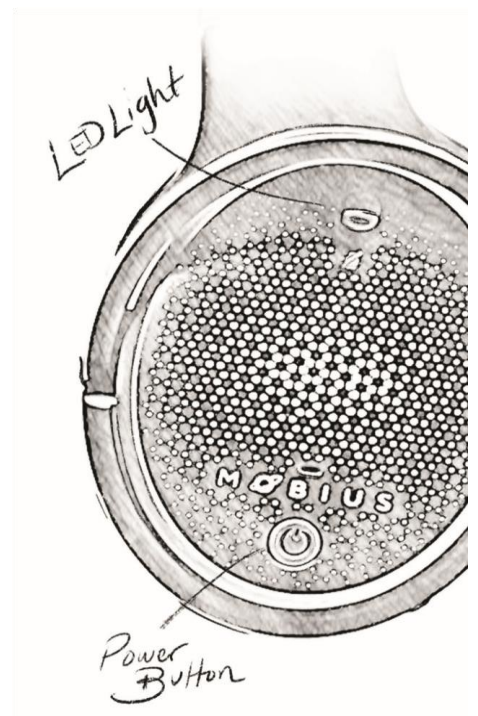
WIRED CONNECTION – USB

Let's begin: Mobius can be used with a wired (USB and AUX) or wireless (Bluetooth) connection. We'll begin with a wired USB connection as your likely primary connection. From your inventory of goodies, identify your USB-A to USB-C Cable to connect your Mobius to your PC (or PS4 or any appropriate USB enabled device). Mobius' USB-C input is on the bottom side of the left ear-cup. Additionally, make sure Mobius is set as the input/output device accordingly and lower your volume as a responsible precaution. Orient yourself to a desired listening position and press the 3D button located on the bottom, front side of the left ear-cup and listen for the "Centered" confirmation prompt. Wait... you didn't hear the prompt? Oh, we forgot to turn Mobius on... You'll however notice that the LED on the left ear-cup of Mobius is illuminated red to signify that even though Mobius is off, it is receiving charge. We totally meant to do that...



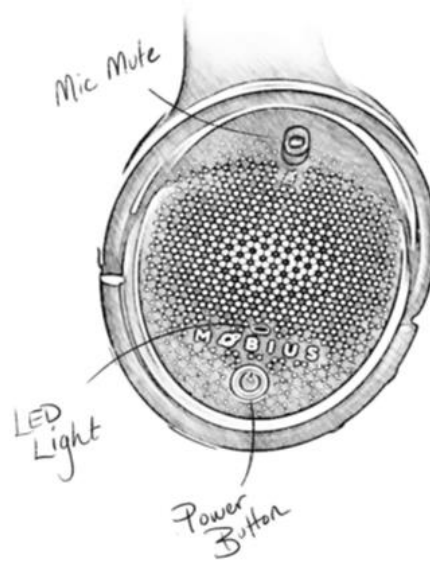
POWERING UP/DOWN/AUTO

We should probably turn Mobius on... The power button is located on the outer face of the left ear-cup of Mobius along with all other controls we have and will mention. Press and hold the power button for 3 seconds so that the Mobius narrator can cheerfully confirm "Power On." To give your Mobius some rest, press and hold the power button for 5 seconds to power down and Mobius' narrator will confirm "Power Off." Additionally, if no cables or Bluetooth sources are connected, Mobius will efficiently power itself off after 3 minutes to conserve battery.



CHARGING

To charge using USB, Mobius supports up to 1 Amp chargers and takes approximately 3 hours to fully charge when Mobius is powered off. When plugging Mobius into a wall-wart, make sure the red LED is on to indicate that charging is in effect. Some older wall-warts and USB Hubs might not provide enough power to charge Mobius. Instead, please use a 1 Amp charger. When Mobius' battery is low, Mobius will attempt to charge using the USB cable simultaneously to keep you in the action. If you have a USB Hub or extender, Mobius will work equally well with these, but once again, some USB hubs might not charge Mobius. Please check your hub specs.



WIRED CONNECTION – ANALOG (3.5 mm)

If needed, complete a wired connection with your Analog AUX cable in the same way you connected via USB previously. The Analog input exists on the bottom side of the left ear-cup.

Make sure you don't plug your cable into the microphone input. You wouldn't be the first one to make that mistake. Mobius has a balanced amplifier built-in, so you do not need any external amps to power this star of a headphone. Additionally, some PC's might have a separate connection input for headphone and microphone. In this case, obtain a splitter for your inventory to split the TRRS connection.

WIRELESS CONNECTION

For a Bluetooth connection, double press the power button to hear the narrator's "Pairing" prompt. While Mobius searches for your device of choice, select "Audeze Mobius 3D BT" in your device's Bluetooth list. The narrator will wisely confirm "Paired." Manually switch from USB/AUX mode to Bluetooth on your Mobius by double pressing the 3D button to cycle between USB, AUX, and Bluetooth voice prompts respectively.

Mobius supports three types of codecs within Bluetooth: SBC, AAC, and LDAC. Mobius uses AAC to connect to iDevices. Newer Android devices will connect utilizing LDAC. If neither codec is available for your device of choice, Mobius will use SBC. After all, you'll need adaptability for your journeys ahead with Mobius.

CONNECTION PRIORITY

When multiple connections are active, the USB has the highest priority followed by AUX (Analog Cable) and finally Bluetooth. If neither Analog nor USB is plugged in, Mobius makes a logical conclusion and prioritizes a Bluetooth connection. As before, double press the 3D button to manually cycle between USB, AUX, and Bluetooth voice prompts respectively. Good work, traveler.

3D OPERATION

With connections established and covered, it's time to rev up some engines and experience the true experience of Mobius. There are 3 modes of operation. You can cycle through these modes with a long press of the 3D button.

3D Manual – In this mode, you will specify the direction of the central reference point. First, center your head for the optimal listening experience. Are you ready? We hope so. This is the big part. Press the 3D button on the bottom, front side of the left ear cup once. The Mobius narrator will confirm "Centered." That's it. Your 3D sound space has been fully prepped and rendered for the next generation audio experience, all with the simple press of a button. This is the default mode enabled automatically for USB and Analog connection modes.

3D Automatic – The centering button is disabled in this mode that's designed for mobile use. Instead, the Waves Nx algorithm automatically calibrates the center of your audio as you move, whether slightly or drastically. This is ideal for those that enjoy listening to audio in cars or trains or those who frequently space travel. This is the default behavior for Bluetooth connections.

3D Off – It's alright if 3D doesn't sync with your taste. All 3D processing is turned off in this mode, giving you a standard Audeze Planar closed-back headphone.

VOLUME AND MICROPHONE

The next course of our training procedure within this traveler's guide covers the various controls that will optimize your performance and handling of Mobius. On the back of the side of the left ear-cup are both volume controls. Scroll the top wheel both directions. Congrats, you've adjusted your volume.

Next, repeat the previous procedure with the bottom wheel by scrolling up and down to adjust your microphone's volume. Of course, it helps to have the microphone plugged in. Thus, it's logical to retrieve your detachable microphone and plug it into the mic jack on the front of the left ear-cup. Make sure when connecting the microphone that the flat parts align and that the mic is not muted on the left ear-cup. With your microphone functional, you're equipped to communicate with friends, enemies, and dolphins alike.



ADVANCED CONTROLS

It's time for some advanced tactics. For those brave and experienced, these controls will add further efficiency in your travels throughout the space of audio. Mobius is the true omni-tool. Use it wisely and don't mix up your buttons.

When connected via Bluetooth:

- Perform a short press of the power button to answer/end a call.
- Press and hold the power button for 2 seconds to reject an incoming call. If the distance between your Mobius and its host device exceeds service range, Mobius will attempt to reconnect automatically within 1 minute. Alternatively, double-click the volume wheel to link back to the last device.

When connected and playing media:

- Perform a short press of the power button to pause/play music.
- Perform a short press and scroll the volume wheel to go to the next or previous song.
- Perform a short press and scroll the mic-gain wheel to change the EQ presets within Mobius.

The following EQ presets are available:

Default	This is the EQ preset that is tuned to the Audeze House curve.
Footsteps	This enhances footsteps to better hear those sneaking behind you. Some might say it's audio radar.
Ballistics	Enhances gunshots and other ballistic sounds so you can clearly pinpoint the enemy in FPS games and take advantage.
Music	This preset is made especially for music and jamming between intergalactic locations.
Racing	Activate those warp drives. This preset is designed for racing.
RPG	This preset is optimized for role playing games and immersion.
Flat	No EQ. You can use this if you are planning to use external EQ options.

CONCLUSION

With that, your basic training for Mobius is complete. Make sure you store your Mobius carefully and responsibly in a protective case or on a headphone stand when not in use. Keep Mobius in a dry environment and avoid exposure to liquids. Like an artifact from the far reaches of space, treasure your Mobius.

We're excited for the adventures ahead and hope you are too! You're officially ready to conquer all challenges and explore the furthest reaches of audio. Don't forget which buttons to press and if you have any further questions, just remember: the answer to everything is 42.

Need Additional Help?






Contact our customer service at support@audeze.com or www.audeze.com/support

Feedback

We put great effort to ensure that your experience with Audeze is as incredible as the sound of our headphones. We would love to hear from you, your feedback is an important part of our efforts to continuously improve the Audeze experience. Connect with us at:

Facebook.com/AudezeLLC Twitter.com/Audeze

support@audeze.com

Button/Control	Action	Function
Power Button 	Single Click (Short Press) Double Click Long Press (3 seconds) Long Press (5 seconds)	Pause or Play Audio/Answer or End Call Begin Bluetooth Pairing Power On/Reject Incoming Call Power Off
3D Button 	Single Click (Short Press) Double Click Long Press (3 seconds)	"Center" Your 3D Audio Change Source Mode (USB, AUX, BT) Change 3D Audio Mode (On/Auto/Off)
Headphone Volume Wheel 	Scroll Single Click (Short Press) and Scroll Double Click	Change Audio Volume (Increase/Decrease) Change Song/Track (Next/Previous) Link Back to Last Bluetooth Host Device
Microphone Volume Wheel 	Scroll Single Click (Short Press) and Scroll Long Press (3 seconds)	Change Microphone Volume (Increase/Decrease) Change EQ Preset Change Audio Mode (7.1ch, 2ch, Hi-Res)
Mic Mute Switch 	Toggle	Mute/Unmute Microphone

WARRANTY

The Audeze product comprising the Mobius headphone (an “Audeze Product”) is under warranty as indicated by the original date of purchase (the “Warranty Period”).

Mobius warranty period is 1 year from date of purchase direct from Audeze or from an authorized dealer, including the battery and external microphone.

What’s covered: Audeze warrants to the original purchaser that the Audeze

Product will be free of defects related to manufacturing, parts, materials, and workmanship under normal and accepted use in accordance with Audeze’s published guidelines. Audeze’s guidelines include, but are not limited to, information contained in technical specifications, user manuals and service communications.

What’s not covered: This warranty does not cover defects resulting from improper or unreasonable use or maintenance; cosmetic damage, including but not limited to scratches, dents and broken parts; failure to follow operating instructions; accidents; excess moisture; excess temperature; power surges; connections to improper voltage supply; unauthorized alteration or modification of original condition; damage caused by use with non-Audeze products; products purchased from unauthorized dealers; or defects incurred during transportation for which claims must be presented to the carrier.

What we will do: We will, at our sole discretion and to the extent permitted by law, repair or replace (using new or refurbished Audeze Products) Audeze Products that are under warranty for the period listed, from the date of original retail purchase.

What we will not do: Except as stated below, pay shipping, insurance or transportation charges from you to us, or any import fees, duties and taxes. If the Audeze Product is covered by this warranty and is provided to us within the first 30 days of the Warranty Period, then we will reimburse you for shipping charges.

If the Audeze Product you send to us is not covered by this warranty, you will be charged the shipping costs. If you are outside the USA and purchased this product directly from Audeze you must claim your warranty service from Audeze, not from a foreign dealer or distributor.

Other conditions/rights: EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, AUDEZE IS NOT

RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTIN FROM ANY BREACH OF WARRANTY OR CONDITION,

OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS; LOSS OF GOODWILL; LOSS OF, DAMAGE TO, COMPROMISE OR CORRUPTION OF DATA; OR ANY INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE HOWSOEVER CAUSED INCLUDING THE REPLACEMENT OF EQUIPMENT AND PROPERTY.

THE FOREGOING LIMITATION SHALL NOT APPLY TO DEATH OR PERSONAL INJURY CLAIMS, OR ANY STATUTORY LIABILITY FOR INTENTIONAL AND GRO NEGLIGENT ACTS AND/OR OMISSIONS. SOME STATES IN THE USA OR OTHER COUNTRIES. DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND THE REMEDIES S FORTH ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES,

REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AUDEZE DISCLAIMS ALL STATUTORY AND IMPLIED

WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND

WARRANTIES AGAINST HIDDEN O LATENT DEFECTS, TO THE EXTENT PERMITTED BY LAW. IN SO FAR AS SUCH WARRANTIES CANNOT BE

DISCLAIMED, AUDEZE LIMITS THE DURATION AND REMEDIES OF SUCH WARRANTIES TO THE DURATION OF THIS EXPRESS WARRANTY AND, AT

AUDEZE'S OPTION, THE REPAIR OR REPLACEMENT SERVICES DESCRIBED HEREIN. SOME STATES (INCLUDING COUNTRIES AND PROVINCES) DO

NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY (OR CONDITION) MAY LAST, SO THE LIMITATION DESCRIBED ABO MAY NOT APPLY TO YOU.

Audeze LLC

<http://support.audeze.com>

Toxic or Hazardous Substances and Elements 有毒或有害物质和元素						
Part Name 部件名称	Lead 铅 (Pb)	Mercury 汞 (Hg)	Cadmium 镉 (Cd)	Hexavalent Chromium 六价铬 (Cr6+)	Polybrominated Biphenyls 多溴联苯 (PBB)	Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDE)
MOBIUS	○	○	○	○	○	○
<p>○ : Indicates that this toxic or hazardous substance is below the specified limits as described in SJ/T11363-2006.</p> <p>× : 表示该有毒物质或元素在 SJ/ T 11363-2006 标准规定的限量要求以下。</p> <p>○ : Indicates that this toxic or hazardous substance is above the specified limits as described in SJ/T11363-2006.</p> <p>× : 表示该有毒物质或元素超出 SJ/ T 11363-2006 标准规定的限量要求。</p>						
CMIIT ID: 2018DPNNNN IC: 23865-MOBIUS M/N: MOBIUS  005-101826  CCXXxxLPyyyZzW FCC ID: 2APRZ-MOBIUS						
 인증자상호 : Audeze LLC 모델명 : Mobius제조사 : Ampacs 제조국 : Made in China 기기명칭: 특정소출력무선기기(무선데이터통신시스템용 무선기기) R-CMM-YxE-MOBIUS						
     				  		

Certifications

The aim of EU’s Waste Electrical and Electronic Equipment (WEEE) directives 2002/96/EC and the RoHs directive is to reduce waste from electric and electronic products and to recycle as much of the materials as possible. Any remaining waste should be virtually risk-free to handle and the risk of hazardous emissions should be minimal.

Recycling

This product must either be sent for repairs and reused or sent for treatment and recycling through an approved disposal system. For recycling and waste disposal agents for Audeze products, contact us at support@audeze.com.

Warranty eligibility statement: To be eligible for service under this warranty you must include with the repair item(s) a valid bill of sale from an authorized Audeze retailer detailing the following information:

Retailer's name

Original date and proof of purchase

Model or SKU number of the product purchased

Serial Number

Additional product information and limitations

Warranty replacements: Audeze strives to improve the performance of our products, and therefore reserves the right to make changes to our design/specifications/materials at any time without notification. Audeze may, at its discretion, choose to replace the Audeze Product completely with a new or remanufactured product. In the event of product obsolescence, a suitable replacement will be chosen based upon the features, the intended use (as determined by Audeze) and the retail price of the original Audeze Product.

Product: All warranty replacements are guaranteed for 90 days or until the conclusion of the Warranty Period of the original Audeze Product, whichever period is greater. Audeze does not provide advance replacements for Audeze Products.

Determining authority: Audeze will be the final determining authority for all potential warranty claims for service and/or replacement.

How to claim warranty service:

- A) If you reside in the United States and purchased direct from Audeze.com email Support@audefze.com.
- B) If you reside in the United States and purchased from an authorized Audeze dealer contact your dealer or Support@audefze.com.
- C) If you are an international customer who has purchased through your local dealer contact your local dealer or distributor for warranty service.
- D) If you are an international customer who purchased direct from Audeze.com you must contact Audeze at Support@audefze.com for service and support.

Any shipment back to Audeze for repair will be at the expense of the customer.

You will need your serial number and proof of purchase to complete any RMA process.