



# STUDIO MIC1

Professional USB Microphone



24 BIT / 96kHz  
AUDIO



CARDIOID &  
OMNI MODES

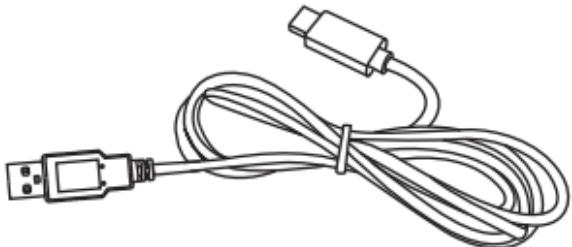


ZERO LATENCY  
HEADPHONE  
OUTPUT

# 1.

## IN THE BOX

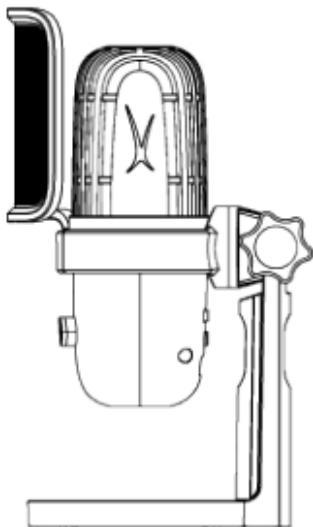
- 1 Altec Lansing STUDIO MIC1
- 1 Adjustable Desk Stand
- 1 Breath/Pop Filter (fitted to stand)
- 1 USB-C to USB-A Cable
- 1 Quick Start Guide



**USB-C to USB-A Cable**



**Quick Start Guide**



**Microphone in stand with  
Breath/Pop filter fitted**

## 2.

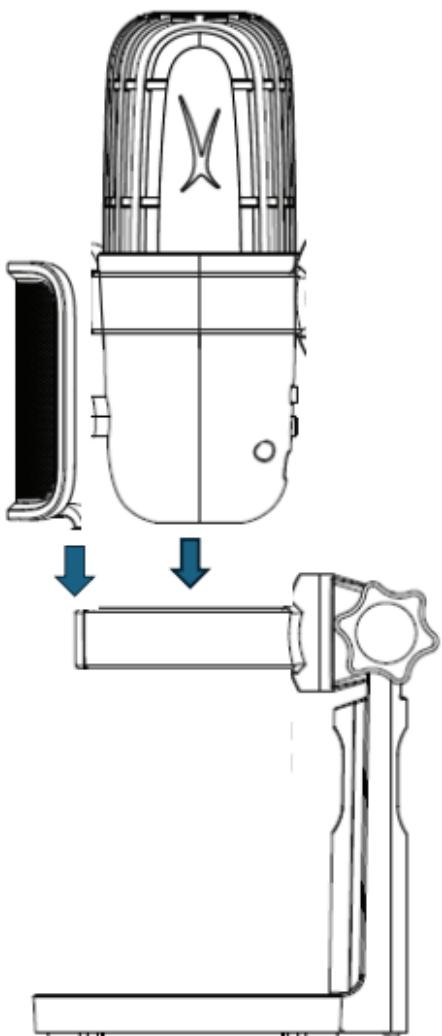
### ASSEMBLY

Place MIC1 into the ring of the stand.

The Pop/breath filter is optional and slots into the hole in the ring on the left side.

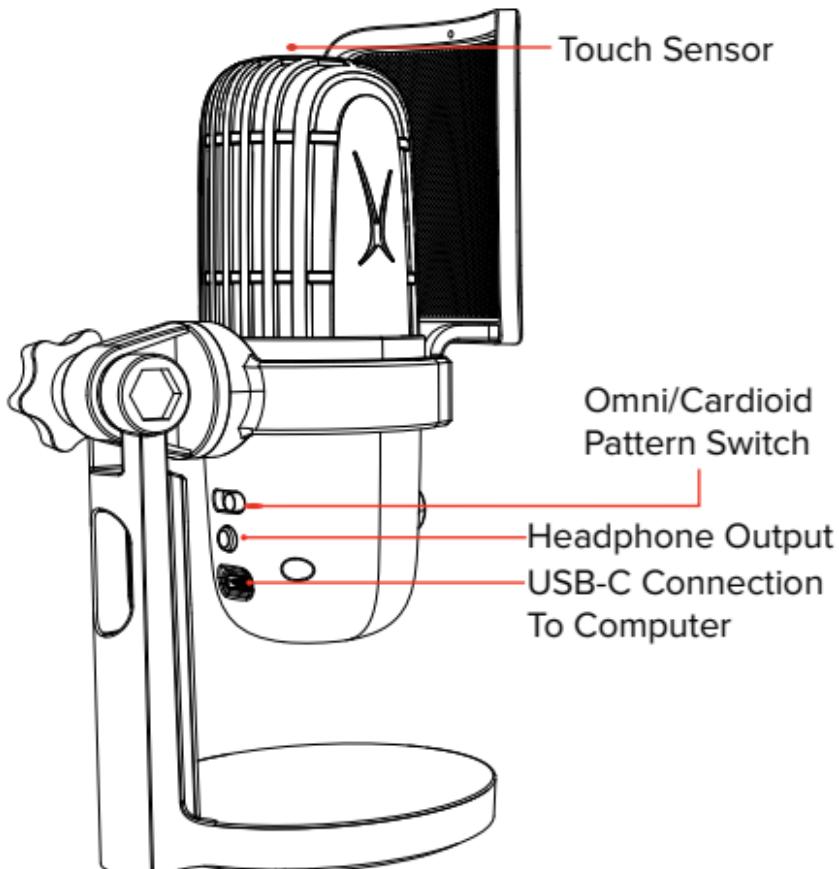
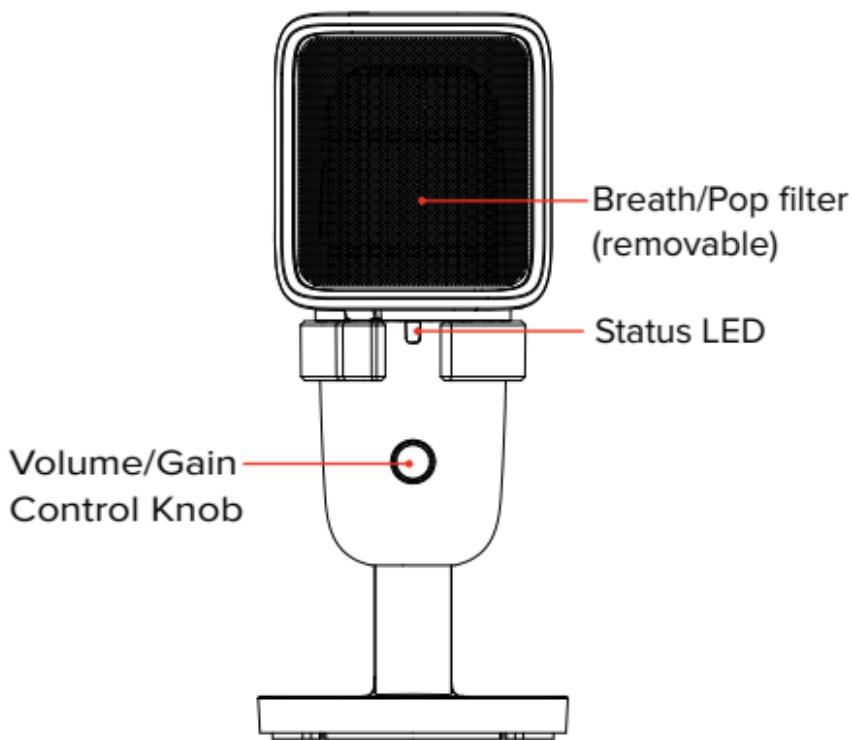
The Pop/Breath filter reduces pops and other artifacts when using the microphone close to the user or when using at high SPLs (such as when singing directly into the mic).

Pass the USB Cable and the cable of your headphones through the hole in the stand and plug into the back of the microphone.



### 3.

## A CLOSER LOOK



## 4.

### CONNECTING THE MIC

First, connect your STUDIO MIC1 to your PC/Laptop using the supplied USB-C to USB-A cable.

You can also use a suitable USB-C to USB-C cable if you have USB-C ports on your PC/Laptop as long as it has data connections (i.e. is not just a charging cable). The Status LED should light up Blue.

## 5.

### BASIC SETUP WITH WINDOWS

1. Open the Windows Start menu, find and select the Control Panel.
2. From the Control Panel, select the Sound App.
3. From the Sound App, select the Recording tab and select “AL STUDIO MIC1”.
4. Click Properties, select the Levels tab, and ensure the Mic level is turned up and not muted.
5. You can also select the Advanced tab and set the Bit Depth/Bit Rate you want to use. 24/96kHz is recommended for high-quality recording.
6. From the Sound App, select the Playback tab and select “AL STUDIO MIC1”.
7. Click Properties, then select the Levels tab and ensure the Speakers level is turned up and not muted.
8. You can also select the Advanced tab and set the Bit Depth/Bit Rate you want to use. 24/48kHz is recommended for high-quality playback .

## 6.

### BASIC SETUP WITH MAC OSX

1. Open System preferences and select the Sound App.
2. Select the Input tab and select “AL STUDIO MIC1”.
3. Ensure the Input Volume level is turned up and not muted.
4. Select the Output tab and select “AL STUDIO MIC1”.
5. Ensure the Output Volume level is turned up and not muted.
6. To set the Bit Depth/Bit Rate, open the Audio MIDI Setup App and select Show AUDIO DEVICES. Select the AL STUDIO MIC1 device and set the Bit-Depth/Bit-Rate you want to use. 24/96kHz is recommended for high-quality recording and 24/48kHz for high-quality playback.

NOTE: The above procedure sets up the STUDIO MIC1 as your default selected device for listening to and recording audio via the OS (for system sounds, etc.).

## 7.

### ADVANCED SETUP

Individual Applications (DAWs, Webcasting software, etc.) usually have their own settings for the sound devices they use. Normally, they will start by using the default OS setting, as shown in sections 5 and 6, but they can be set to use any installed device.

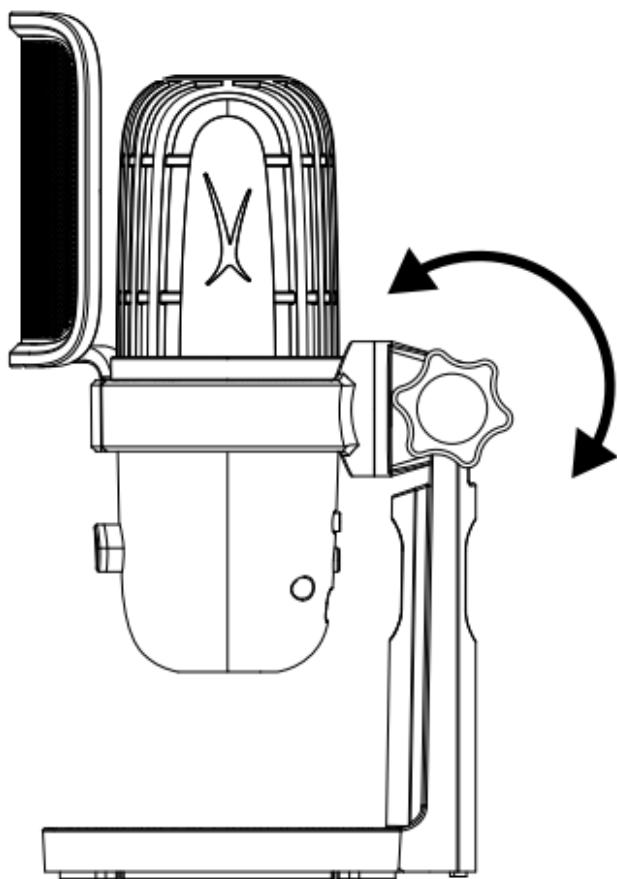
Consult the help files for your Application.

You can set the OS and your Audio Application to use different devices, for professional use normally you should set the OS to use your normal speakers/microphone (perhaps the built in ones) and setup your Application to use the STUDIO MIC1 exclusively.

## 8.

### FEATURES

The stand can be angled towards the user.



There is a 5/8" Insert on the bottom of the MIC1 for mounting to other microphone stands if desired.

## 9.

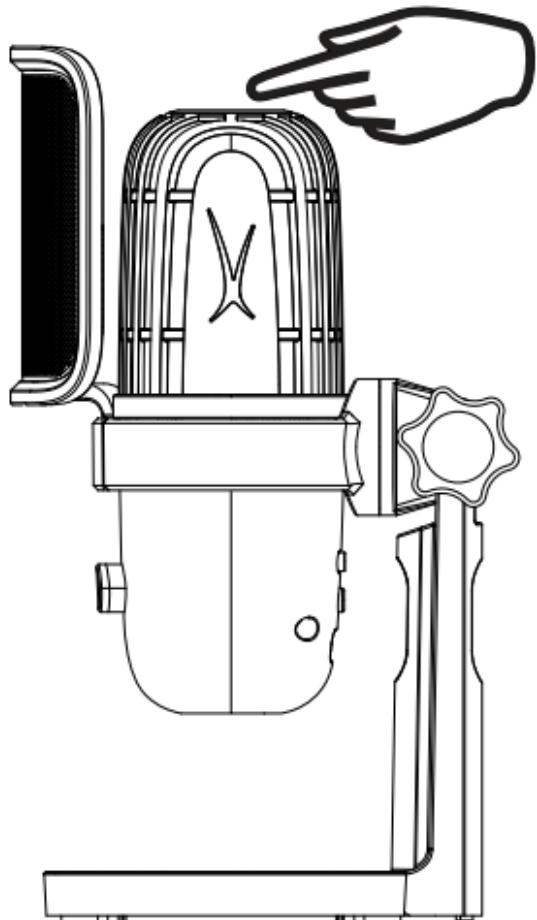
### CONTROLS

#### Mute and Unmute

Touch the touch sensor to mute/unmute the microphone output via USB. The indicator LED turns red when muted.

NOTE: The headphone monitoring output, including direct monitoring of the microphone, is not muted and will still allow monitoring of both the microphone and sound from the PC. Only the microphone output to your PC software is muted. Touch Mute is useful if you want to temporarily halt the broadcast/recording of audio while still being able to hear yourself or your guest in the headphones.

**Press to Mute/Unmute**

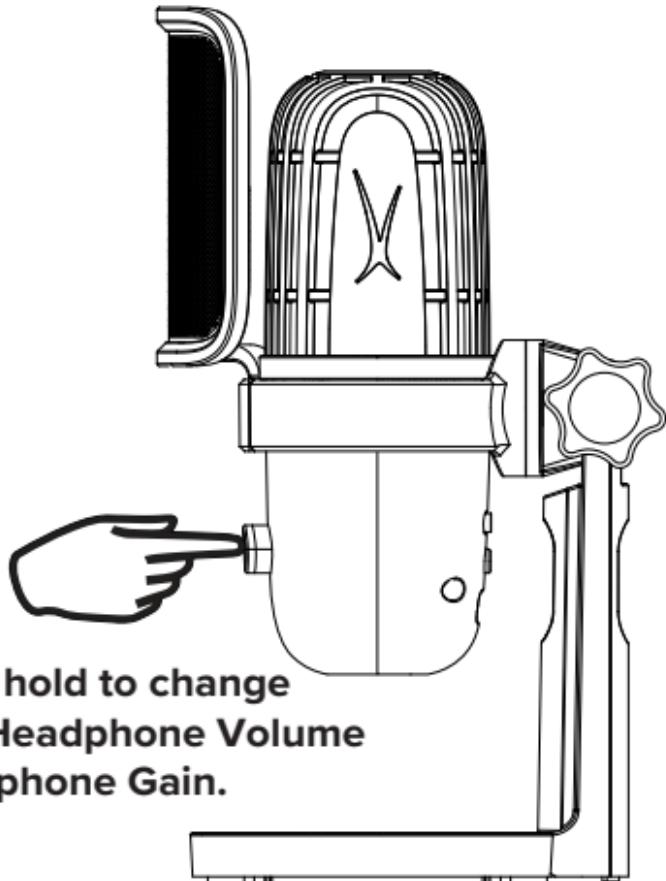


## Headphone Volume

Press and hold the volume/control knob until the indicator LED turns Blue. Turn the knob to change the Headphone Output Volume. The LED flashes blue twice when the volume is at maximum or once when the volume is at minimum.

## Microphone Gain

Press and hold the volume/control knob until the indicator LED turns green. Turn the knob to change the Microphone Gain. The LED flashes green when the gain is at maximum or once when the gain is at minimum.



**Press and hold to change  
between Headphone Volume  
and Microphone Gain.**

**Directivity Pattern (Polar Response)**

Slide the Omni/Cardioid Pattern Switch to select between Omni-Directional and Cardioid Modes.

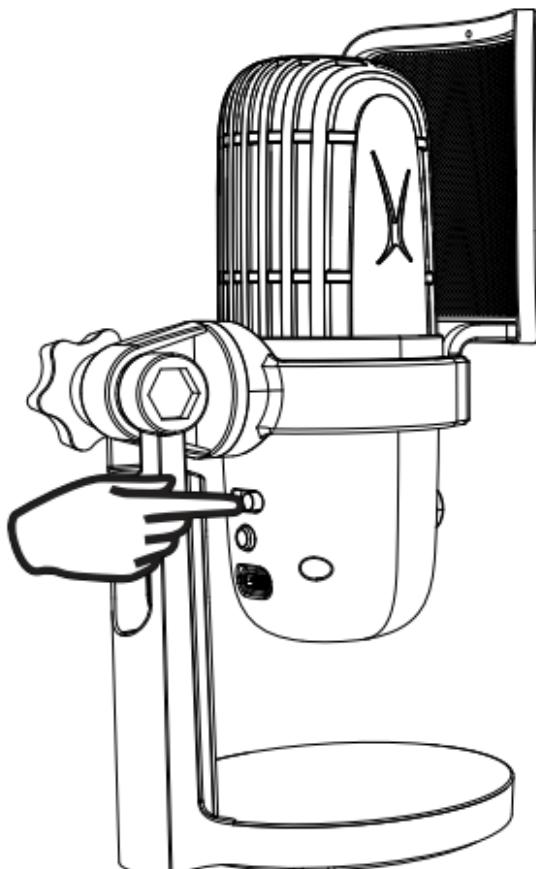
Cardioid Mode 

Captures sound sources directly in front of the microphone, reducing ambient noise from the rear. It is best used for podcasts, gaming, or singing. Setting the stand at an angle towards the user is usually best for Cardioid Mode.

Omni-Directional Mode 

Captures sound sources equally from all around the microphone.

It is best used for two or more person interviews or capturing audio from a whole room. Setting the stand upright is usually best for Omni Mode.



# 10.

## TROUBLESHOOTING

If the MIC1 microphone/headphone output is not working and the Status LED is OFF:

- Check if the USB ports are correctly connected at both the rear of the microphone and the PC.
- Unplug and re-plug the MIC1
- Make sure you use the supplied USB cable or a suitable cable with data connections, not just a charging cable.

If the MIC1 microphone is not working and the Status LED is Blue/Green:

- Check if the MIC1 has been selected as the Microphone input source in your application.
- Check if the MIC1 is available as a microphone source in your PC's audio settings. If not, unplug and re-plug the MIC1, and once it appears, select it.
- Check if the MIC1 microphone is set to an audio type (Bitrate/Bitdepth) that your application accepts in the audio settings of your PC.
- Check if the microphone gain is turned down or muted in your application or PC settings.
- Press and hold the MIC1 Vol/Gain knob until the Status LED turns Green, then turn up the Microphone Gain.

If the MIC1 microphone is not working and the status LED is Red:

- Press the touch sensor to mute and unmute the microphone, then if needed, press the Vol/Gain knob so the Status LED turns Green, and twist to turn up the Microphone Gain.

If the MIC1 headphone output is not working and the Status LED is Red/Blue/Green

- Check if the 3.5mm/1/8th Jack plug of your headphones is connected properly
- Check if the MIC1 has been selected as the Speaker/Output source in your application.
- Check if the MIC1 is available in your PC's audio settings as a Speaker/Output. If not, unplug and re-plug the MIC1, and once it appears, select it.
- Check if the MIC1 Output is set to an audio type (Bitrate/Bitdepth) in the audio settings of your PC that your application accepts.
- Check if the volume is turned down or muted in your application or PC settings.
- Press in the MIC1 Vol/Gain knob so the Status LED turns Blue, turn up the Headphone Volume.

# 11.

## SPECIFICATIONS

Microphone Specifications: Two 14mm Electret Condenser Capsules

Frequency Range: 50Hz-20kHz ±3dB

Sensitivity (ref 94dB SPL): -30dBv ±3dB

Max SPL: 120dB SPL

Microphone Patterns: Cardioid / Omni-Directional  
Supported Bit-rates/Bit-depths:

Mic:

-16 bit 44.1kHz/48kHz/88.2kHz/96kHz

-24 bit 44.1kHz/48kHz/88.2kHz/96kHz

Headphone Output:

-16 bit 44.1kHz/48kHz

-24 bit 44.1kHz/48kHz

Cable Length: 6 feet/2m approximately

Connection: USB-C

Power Supply: 5V DC via USB

Headphone Output: 3.5mm/1/8th stereo jack suitable for > 24ohm headphones

Applicable Systems: Windows, Mac OS, and most Linux

Audio Type: USB Audio 1.0 (No additional drivers are needed. Plug in and setup in PC audio settings.)



**TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

When using your speaker, basic safety precautions should always be followed including:

1. READ ALL INSTRUCTIONS BEFORE USING YOUR SPEAKER.
2. Only clean using clean cloth.
3. Do not expose this product to excessive heat or fire.
4. Do not expose this product to temperatures above 100°F. Keep out of direct sunlight.
5. Do not attempt to repair this product yourself. Contact a qualified service center if the product is in need of service.
6. Do not drop, crush, or expose this product to excessive physical force.
7. This product is not intended for commercial use.
8. When charging, keep all charging cables well ventilated. Do not keep your charging cable in contact with flammable materials such as bedding, linens or synthetic fabrics.

#### Maintenance and Care

- Use a soft cloth or paper towel to clean your product. Never use any harsh chemicals or detergents for cleaning. Make sure your product is dry before use.
- When your product is not in use, they should be stored in a cool, dry place.
- Never tug or yank on a cable while it is connected to your product.

## 13.

### FCC STATEMENT

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

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.

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.

**Having Trouble?  
We're here to help!**

Call us 24/7 at 1-855-292-4087  
E-mail us at [support@alteclansing.com](mailto:support@alteclansing.com)  
or visit us at [alteclansing.com](http://alteclansing.com)

**Keep manual and all  
relevant information for  
future reference.**

## 14.

# WARRANTY

This warranty covers the original consumer purchaser only and is not transferable.

This warranty covers products that fail to function properly UNDER NORMAL USAGE, due to defects in material or workmanship. Your product will be repaired or replaced at no charge for parts or labor for a period of one year.

### **What Is Not Covered by Warranty:**

Damages or malfunctions not resulting from defects in material or workmanship and damages or malfunctions from other than normal use, including but limited to, repair by unauthorized parties, tampering, modification or accident.

### **To Obtain Warranty Service and Troubleshooting Information:**

Call 1-855-292-4087 or Visit our website at [www.alteclansing.com](http://www.alteclansing.com).

To receive Warranty service along with the name and address of an authorized product service center, the original consumer purchaser must contact us for problem determination and service procedures. Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the Product is within the applicable Warranty period(s), MUST be presented in order to obtain the requested service. It is your responsibility to properly package and send any defective products along with a dated copy of proof of purchase, a written explanation of the problem, and a valid return address to the authorized service center at your expense. Do not include any other items or accessories with the defective product. Any products received by the authorized service center that are not covered by warranty will be returned unrepairs.

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# JUST LISTEN.

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