

## Interfacing with Accessories

You can use Cortiça with all microphone mounts for 19-20 mm enclosures. We produce and sell a simple microphone mount for Cortiça and our other products. We also offer a simple Foam Windfilter.

When using the microphone with our mount, which is a perfect press-fit, please make sure to press the microphone gently into the mount, all the way up to the cork section, before connecting the XLR cable. If you encounter resistance, turn the mount around 180 degrees. When removing the microphone from the mount, first remove the XLR cable and then gently push the microphone out of the mount from the backside, while holding the plastic mount around the microphone.

## Warranty

Sonic Artefacts warrants its products to be free of defects in materials/workmanship and conforms to the specifications at the time of shipment for two years from the date of purchase.

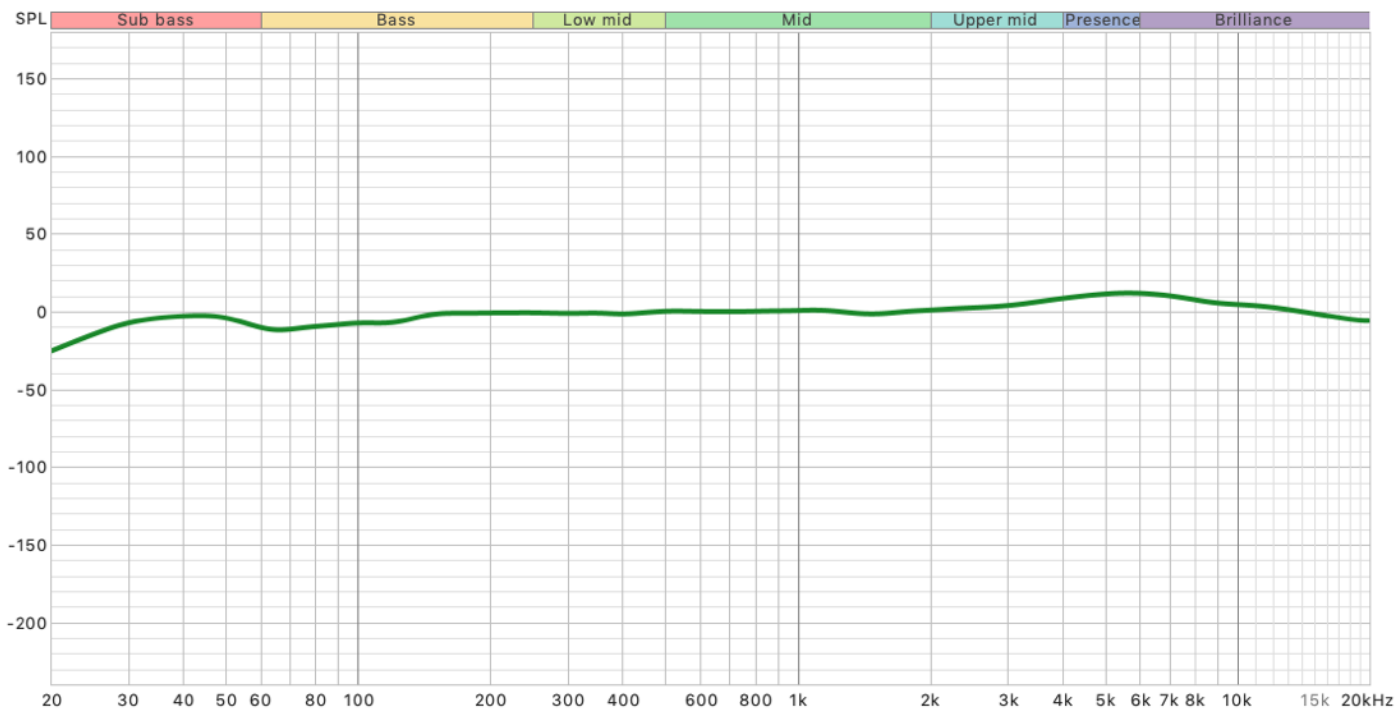
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SONIC ARTEFACTS

# Cortiça Condenser Microphone Omni P48



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# Introducing Cortiça

Thank you for purchasing our Cortiça Microphone!

Discover our omnidirectional condenser microphones, designed for superior audio capture with low noise and high sensitivity. Ideal for various (field)recording scenarios, they deliver clear and precise sound, even in noisy surroundings. The microphones' cork body is not only eco-friendly but also visually appealing and offers excellent acoustic properties. Omnidirectional microphones work on the pressure principle, where only one side of the diaphragm is exposed to sound pressure. Sound pressure is a scalar quantity and has no direction. Therefore, in theory, an omnidirectional microphone has no directivity. However, the physical size of the omnidirectional microphone has a direct bearing on how well the microphone maintains its omnidirectional characteristics at very high frequencies. The body of the microphone slightly blocks the shorter high-frequency wavelengths that arrive from the rear. This is why at very high frequencies, an omnidirectional microphone does become more directional. All microphones are manufactured and individually tested for sensitivity and frequency response in-house.



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# Using the Cortiça Microphone

1. Plug the Cortiça into an XLR input on your device.
2. Turn on the phantom power on your device. On some devices, turning on the phantom power is done via a button or an option in the menu. Consult the manual of your device if you are unsure. Cortiça works with 48V phantom power only, which is the industry standard.
3. Set your gain to the desired levels and have fun!

## Operating Conditions

We tested our microphones to function in temperatures between -30°C - +50°C. Please always make sure you are using the proper Phantom Power P48V when using our microphones. Although cork is a hydrophobic material, these microphones cannot be used in water. The microphones can be used during rainy conditions, although we ask you to be sensible. Malfunction due to water ingress is not covered under warranty. When the microphones come in contact with water, wipe off the water with a cloth and never use a direct heat source like a hairdryer or heating to dry the device, this will damage the microphone element.

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## Specifications:

<b>Enclosure:</b>	Class A natural Portuguese Cork and Aluminum - Nickel Alloy, XLR terminals are silver plated	<b>Sensitivity:</b>	-24 dB at 1 kHz (±3dB)
<b>Operating Voltage:</b>	48V Phantom Power P48	<b>Frequency Range:</b>	20 – 20.000 Hz
<b>Input Pressure Level:</b>	110 dB Maximum SPL Input (THD<3%)	<b>Signal-to-Noise Ratio:</b>	80 dB (1kHz, 94 dB input, A-weighted)
		<b>Output:</b>	XLR balanced, floating output