

Magnetic Contact Microphone

Quickstart Guide
/ Manual



Version 1v0r0
Manual 1v0r0

LeafAudio 

1. Intro

What is the Magnetic Contact Mic?

With contact microphones any surface or object becomes a canvas for sonic exploration. These microphones offer a unique perspective that traditional recording methods simply can't match. You can literally listen to materials, plants or objects from inside the material. As humans we are used to a certain hearing perspective: sound waves normally travel through air before they hit the diaphragm of our ear or the microphone. Picking up vibrations directly from the object changes the hearing perspective and that's your best trick to record interesting and sometimes abstract sounds.

Through their popularity our contact mics became best-sellers during the last years and we thought it's time for an update.

The new version is now magnetic! It comes in a neoprene zip-bag for save travelling plus a universal holder, what makes it possible to attach it basically everywhere. It also includes two cables for connecting it to 3,5mm (1/8") or 6,3mm (1/4") inputs.

Body Sound Transmission

Contact Mics work through body sound transmission. In comparison to airborne sound transmission (via a microphone or the diaphragm of our ear), all sounds can be listened to in a very intimate and direct way. Imagine it like listening to the materials from the inside, very directly and much in an ASMR way. This shift of the hearing perspective will be your best trick to create sounds, that will captivate your listeners or even better: yourself. Out there is a completely unheard realm of sound and this Contact Mics make it possible to participate and listen. There is a profound satisfaction and fascination in this listening process alone.

Included Add-Ons

- Magnetic Contact Microphone
- Universal Holder
- Neoprene Zip-Bag
- 3,5 mm (1/8") to 3,5 mm (1/8") cable, 2,0 m length
- 3,5 mm (1/8") to 6,3 mm (1/4") cable, 2,0 m length

2. Using the Magnetic Contact Microphone

Who needs it and what is it for?

Musicians, field recording specialists, sound designers. You can use it for recording instruments, nature sounds, plants, metal objects or whatever you like. Your imagination is the only limit.

What else do I need?

You need a pre-amp, recorder or mixing desk with 1/8" or 1/4" jack inputs. It is basically like any other microphone which has to be amplified. No phantom power needed.

Importance of a good pre-amp

Even if you do not need a specific piece of gear to record and process the signal from our Magnetic Contact Microphone, a small mixing desk with a cheap and noisy gain-stage might not make you happy. You'll get much better results with a high quality pre-amp which matches the impedance of the Magnetic Contact Mic. Usually it's called a Hi-Z (high impedance) signal / pre-amp / input. Our Field Amp was made specifically for this type of Contact Mics and provides 50x adjustable low-noise gain specially for Hi-Z Contact Mics. A quality pre-amp definitely makes a big difference!

Mounting it on objects

You can use the internal magnet to mount it on metal surfaces or use the included holder to attach it to non-magnetic or uneven surfaces. There are various putty-like temporary glues on the market like Schertler Application Putty (called „Acc-Put“) or a product from AKG called „Adhesive Foil“. They are removable and should leave no traces on instruments when used temporarily and all do a good job. You could also use a metal rod to place it between the lower side of the Magnetic Contact Mic and the included holder, wrap some rubber bands around it and use the metal rod as a probe to stick it into objects or soil etc. Basically there is no „how to do it“. It's all about experimentation.

3. Legal stuff

Specifications

Mechanical

Width: 37 mm (diagonal)

Width: 32,5 mm (straight)

Height: 10,8 mm (without holder)

Weight: 15 g (only contact mic)

Weight: 136 g (whole package)

Output

1x output, 3,5 mm / 1/8" TS

Intended use and safety instructions

The unit is NOT waterproof! Use in dry places within a temperature range between 10°C/50°F and 70°C/158°F. Generally it is ment to be handled gently. Due to the nature of Contact Mics it might be possible that it picks up electromagnetic fields and interferences in

some areas. The Contact Mic includes a strong magnet, that might have unwanted effects on credit cards, hard disks, ICDs and other devices that work on the basis of electromagnetism!

Warranty terms

Tech Creation Lab Leipzig UG warrants this product to be free of defects in material or workmanship at the time of shipment for a period from one year from the date of purchase. During that period, any malfunctions which happen while normal use will be repaired or

serviced. The warranty does not cover any problems resulting from damages during shipping, incorrect use, the use in improper working environment, abusive treatment (remember the tank idea) or any other obvious user-inflicted fault.

Return policy

The device intended for repair or replacement under warranty needs to be shipped in the original packaging only! The packaging is part of the product, so keep it. Also a filled out RMA form must be included (email us, we'll send it). We cannot take any responsibility for transport damages. Before you send us anything, please

contact support@exploding-shed.com. Parcels that are not sufficiently franked or sent without request will be rejected and sent back. If you bought it from a distributor/reseller ouside EU and not from Exploding Shed directly, please contact the distributor/reseller first.

Disposal

For private households: Information on disposal for users of WEEE

This symbol (figure on the right) on the product(s) and / or accompanying documents means that used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge. Alternatively, in some countries, you may be able to return your products to your local retailer upon purchase of an equivalent new product.

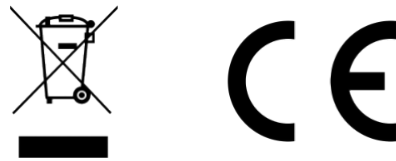
Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

For professional users in the European Union

If you wish to discard electrical and electronic equipment (EEE), please contact your dealer or supplier for further information.

For disposal in countries outside of the European Union

This symbol is only valid in the European Union (EU). If you wish to discard this product please contact your local authorities or dealer and ask for the correct method of disposal.



www.leaf-audio.com

www.facebook.com/leafaudio

www.instagram.com/leafaudio

Main distributor in the EU is: www.exploding-shed.com

For worldwide distributors please check LeafAudio or Exploding Shed websites.

Contact & responsible

Tech Creation Lab Leipzig UG (haftungsbeschränkt)
Nonnenstr. 19
04229 Leipzig / Germany
+49 (0) 341 / 392 965 30
support@exploding-shed.com
WEEE Reg-Nr.: DE94097895

Magnetic Contact Microphone

Quickstart Guide

LeafAudio 