



Surfur Professional Cardioid Condenser Microphone



Intro

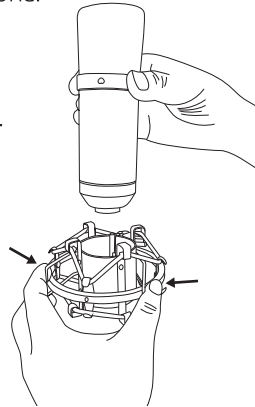
Congratulations on your purchase of the H&A Surfur Cardioid Condenser Microphone

This **H&A Surfur** Professional Cardioid Condenser professional studio mic is a total studio solution, perfect for recording music, or any acoustic audio source, authentically capturing a variety of sound sources with unbelievable tonal range, realism, and precision. The rich recording experience originates with the cardioid condenser polar pickup pattern capsule featuring side-to-side rejection, impressive sensitivity, and signal to noise ratio. The mic's extended 30Hz -18kHz frequency response guarantees an accurate recording reproduction with linear characteristics across the board. The H&A Surfur boasts a pressure gradient transducer within the large 16mm thin diaphragm shock-mounted element, ideal for capturing vocals and acoustic instruments.

Getting Started

The H&A Professional Cardioid Condenser Microphone is a natural in the audio reproduction world. The cardioid pickup pattern 'hears' sounds produced in front and rejects side and back noises. Follow these instructions for enjoying the best of aural euphoria.

1. Attach the microphone onto the included shockmount stand adapter. Press the levers of the shockmount together and place the mic firmly within its grasp. Release the levers.



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2. Fasten the adapter onto a 5/8" threaded microphone stand.
 3. Use an XLR microphone cable to connect you mic to the recording device or mixer. Gold plated connectors complement the Surfur finely crafted gold-plated engineering.
 4. The H&A Pro Cardioid Condenser Mic powers through phantom power, 9V ~ 52V, derived from the host device. Mute the sound source system before attaching phantom power.
 5. The microphone should turn to face the sound source at a right angle. The angle of the mic is essential. Do a sound check at various positions until you realize the optimal sound input. If you desire to 'float' your mic, detach the mic from the stand adapter and connect it to a suspension mount.

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6. Adjust the gain control of the mic channel of your input console so that the peak LEDs light occasionally. Always start your tests with middle EQ settings. The Surfur delivers audio transparency and purity. Conduct the position of the mic as described above before using equalizers, signal processors, or enhancers. Remember, the cleaner you record, the more flexible the track will be for applying EQ and SFX.

Enjoy the best audio capture from delicate vocals, brash instrumentals, to complex musical compositions with this H&A Pro Cardioid Condenser Microphone recording aficionado vision come true.

In The Box (Item Includes)

H&A Professional Cardioid Condenser Microphone

Tabletop Adjustable Mic Stand

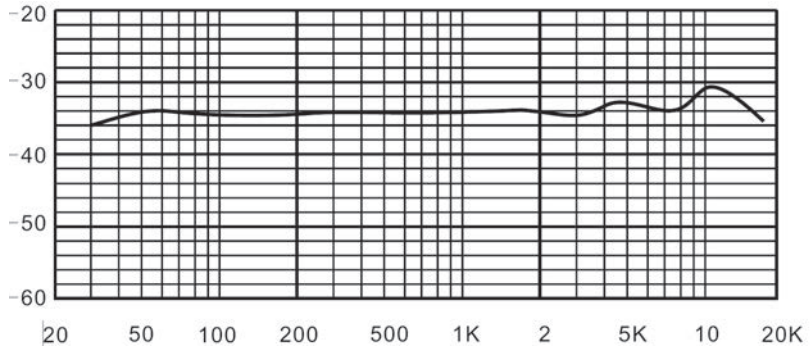
Microphone Shockmount Stand Adapter

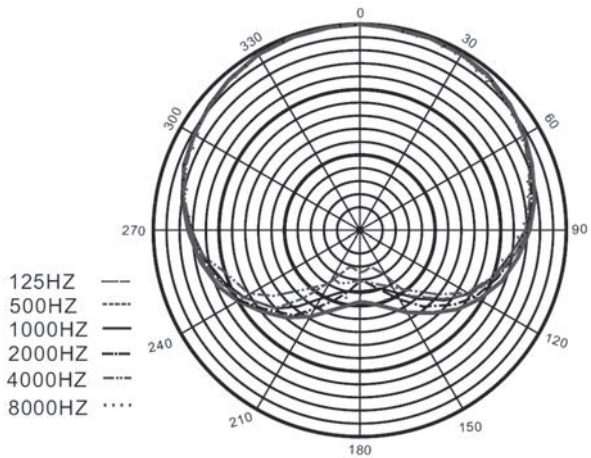
H&A One Year Warranty

Features

- ▶ Cardioid pickup pattern for recording vocals, musical instruments, podcasts, voice-overs, interviews, field recordings, and other soundtrack subjects
- ▶ Outstanding sound source separation and feedback rejection
- ▶ Superior frequency response of 30 Hz – 18 kHz
- ▶ Remarkable 78dB Signal to Noise Ratio
- ▶ Pressure-gradient transducer with shock-mounted capsule
- ▶ Gold-plated 3-pin XLR output connector for maximum signal fidelity
- ▶ Dense, metal die-cast construction with a heavy-gauge mesh grille
- ▶ Tabletop Adjustable Mic Stand and Shockmount Stand Adapter included

Frequency Response Graph and Polar Pattern





Specifications

Transducer Element	Ø16mm Condenser
Polar Pattern	Cardioid
Frequency Range	30Hz to 18kHz
Signal to Noise Ratio	78dB
Channels	Stereo R/L
Sensitivity	-36dB +/- 2db (0db+1V / Pa at 1kHz)
Max Input SPL	135dB (at 1kHz <1% THD)
Nominal Impedance	100Ω
Load Impedance	>1 kΩ
Output Connectors	Gold plated XLR
Phantom Operating Voltage	9V ~ 52V

Physical Properties

Microphone

Diameter	1.8in / 46.9mm
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Length	5.9in / 151mm
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Weight	10.4 oz / 296 g
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Shockmount

Weight	6.6 oz / 188 g
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Open Dimensions	5.6 × 2.2in / 142 × 57mm
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One Year H&A Limited Warranty

H&A warrants to the original purchaser that your H&A product shall be free from defects in material and workmanship for the period of one (1) year from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

H&A's entire liability and your exclusive remedy for any breach of warranty shall be, at H&A's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as H&A may direct with a copy of the sales receipt or dated itemized receipt. H&A may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by H&A, except where such restriction is prohibited by applicable law.


Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws. To start a warranty claim contact the H&A Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to H&A, along with the RMA number and proof of purchase.

Question About Our Product Line? Need Product Support?


We are proud of our products and celebrate our customers.

We are with you, from product selection to everyday use.

Be secure with your purchase and reach us as you need.

 **212-647-9300**

 **brands@adorama.com**

 **Adorama Brands,
42 West 18th Street,
New York, NY 10011**

You can always contact us at **BRANDS@ADORAMA.COM**
for personal technical support.

Our website contains a wide range of Support and FAQ pages
with valuable technical assistance.

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