



AC50 Dynamic Studio Microphone

Professional Cardioid Performance
for Clean, Noise-Free Audio Capture



User Manual

I see you have found cardioid mic nirvana! Our H&A AC50 DYNAMIC STUDIO MICROPHONE is just what you require for accurate and clean audio capture for all your recording applications.

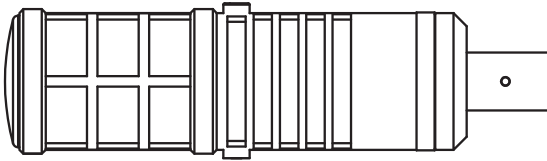
Epic voice performance deserves a superlative pickup. Live, accurate to the sound source sensitivity, from a whispered nuance to the thundering baritone. The mic's rises to the occasion with several envious features: Revel in the classic cardioid polar pattern behavior that rejects off-axis coloration. Appreciate the clean, flat, pristine capture that preserves the richness of the human voice. The moving-coil (dynamic) transducer delivers an impressive 20 to 20,000 Hz wide frequency response. More sound for your track and smiles under the headphones.

The excellent performance and rare characteristics of the H&A AC50 make it the first choice for applications for podcasts, broadcast, studio, vocals, narration, fish pole use, and instrumentals. Whether you are a professional sound shaper or a budding talent seeking recognition, this mic will strut-your-stuff for the appreciative audience, time and time again. Encore!

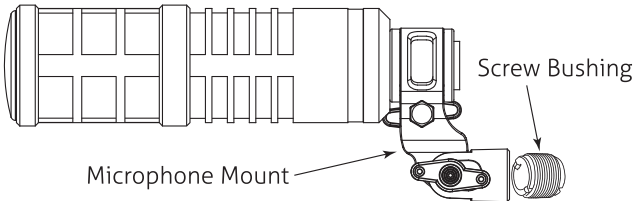
Features

- ▶ Broadcast quality dynamic Cardioid element to reject off-axis audio
- ▶ Generous Diaphragm capsule provides flat wide-range response and minimum coloration
- ▶ Exceptionally clean and natural pick up of both Music and Speech
- ▶ Low Cut switch setting instantly controls for flat mid-range frequency response
- ▶ Optimized for human voice applications from capturing podcasts to smooth, warm vocals
- ▶ Self-contained internal pop filter lessens plosives for up-close and personal performance
- ▶ Shielded, all-aluminum construction for a lifetime of recording pleasure

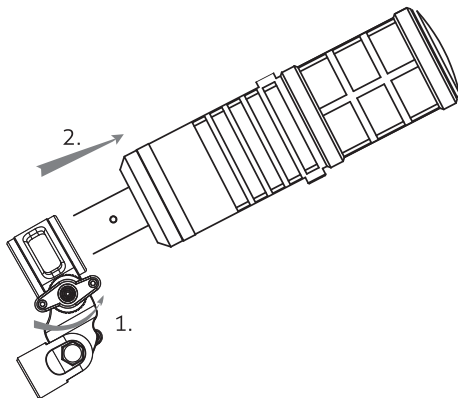
Assembly Guide



Loosen the Microphone Mount twist knob of the clamp. Slip the back end of the AC50 into the receiving hole of the Microphone Mount. Tighten the knob to secure the microphone position. The Screw Bushing Adapter adapts the stand port from 3/8 to 5/8 inch.



Remove the H&A AC50 from the Microphone Mount by loosening the knob while holding on to the mic. Then slip the mic out of the Mount.



The H&A AC50 in use

Microphone Connection

The three-pin XLR professional audio connector port at the rear of the mic mates with XLR 3 pin female cables such as the Cannon XL series, Switchcraft A3 (Q-G) series, or equivalent audio connectors. A long, flexible cable that is tangle-free serves your optimal purpose. Seat and lock the cable to assure uninterrupted audio pickup.

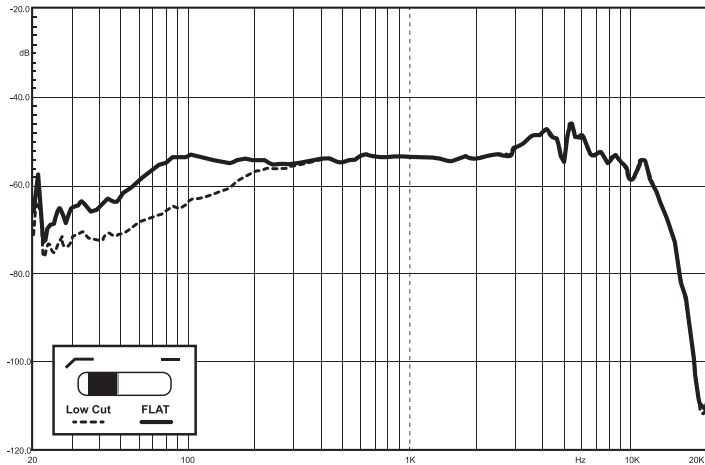
Low Cut Switches

The Low Cut [Bass Rolloff] switch setting instantly controls for flat mid-range frequency response by 10dB in the low-frequency range. The location of the switch is under the back of the microphone base.

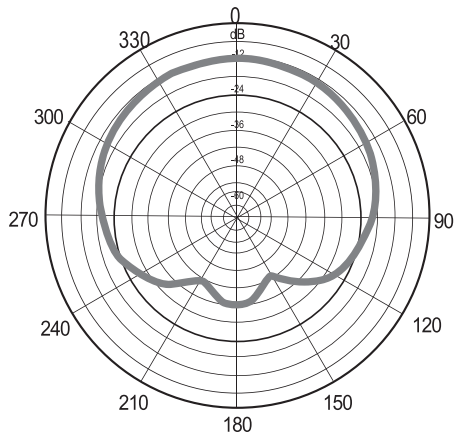
Specifications

Polar Pattern	Cardioid
Transducer	Dynamic
Frequency Response	20 to 20,000 Hz
Sensitivity	-52dB \pm 3dB at 1kHz (0dB=1V/u ber)
Filter Switches	Low Cut reduces 10 dB
Pop Filter	Integrated Internal
Output Connector	XLR Three-pin male
Pin Polarity	Diaphragm pressure produces positive voltage on pin 2 relative to pin 3
Microphone Stand Assembly	Mount fits 5/8 in.-27 thread Adapter Bushing 3/8 to 5/8"
Case Material	Anodized black aluminum
Dimensions	8.14 L x \varnothing 2.16 in (207 L x \varnothing 55 mm)
Net Weight	11.3 oz (320 grams)

Frequency Response



AC50 Frequency Response [20 to 20,000 Hz]



AC50 Polar Pattern

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.

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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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The background is a solid dark blue color. It features three sets of concentric, thin, light-colored lines that form partial circles or arcs. One set is in the top right, another in the bottom left, and a third in the bottom right. These lines are evenly spaced and create a sense of depth and movement.

HAAC50

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