

GCM113

Overhead Cardioid Condenser Gooseneck Microphone

Description

The Astatic GCM113 is a professional overhead condenser microphone designed for discreet, ceiling mounted installations where clear, intelligible speech and natural sound pickup are required. Featuring a cardioid pickup pattern and a short flexible gooseneck, the GCM113 is optimized for low ceiling environments and precise microphone positioning. Its clean, low profile design allows the microphone to blend seamlessly into conference rooms, classrooms, houses of worship, and distance learning spaces while delivering consistent, high quality audio performance.

Engineered for modern installed sound systems, the GCM113 provides excellent RF shielding, effectively rejecting interference from mobile phones and other wireless devices common in meeting spaces. A built in 100 Hz high pass filter reduces low frequency noise while maintaining natural voice clarity, and the wide dynamic range supports confident speech reproduction with high gain before feedback. Powered by standard phantom power (DC 24–52V) and terminating in a convenient 3 pin quick connector, the GCM113 installs easily into standard electrical boxes for fixed or suspended ceiling applications.



Key Features & Benefits:

- Overhead condenser microphone for ceiling mounted installations
- Cardioid polar pattern for focused pickup and improved isolation
- Short flexible gooseneck enables optimal aiming in low ceiling spaces
- Excellent RF shielding minimizes interference from mobile devices
- Built in 100 Hz high pass filter (18 dB/octave) reduces low frequency noise
- High gain before feedback with flat, natural frequency response
- Phantom powered operation (DC 24–52V) for wide system compatibility
- Quick connect output and standard electrical box mounting for fast installation

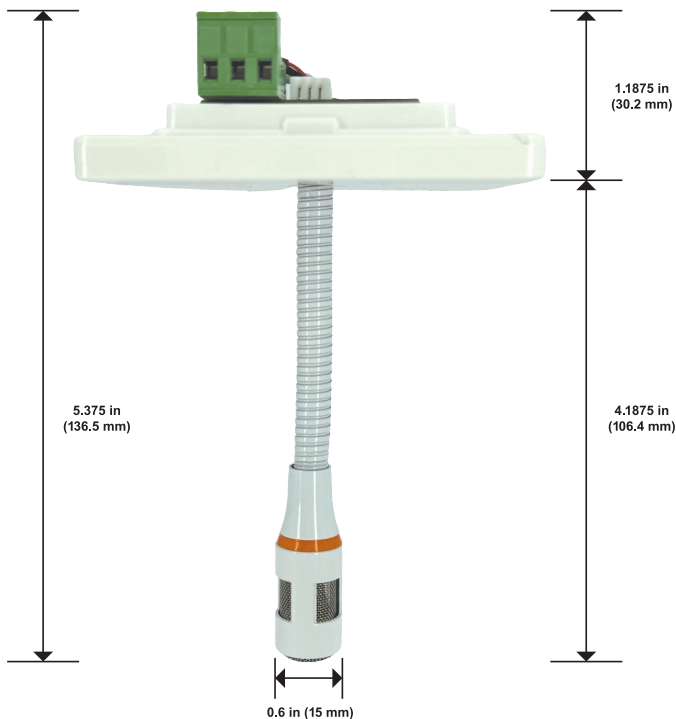
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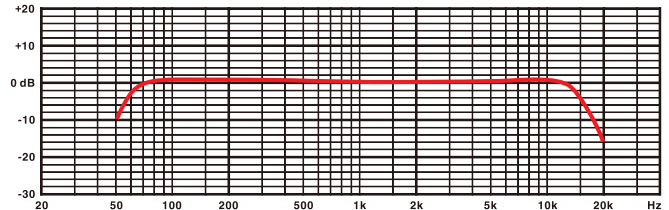
Specifications†

Operating Principle	Condenser
Polar Pattern	Cardioid
Frequency Response	35Hz-18KHz
High Pass Filter	100 Hz, 18 dB/octave
Sensitivity	-32dBV (1 V/Pa)
Output Impedance	200 ohms
Max SPL	130 dB SPL (1 kHz @ 1% THD)
Signal-to-Noise Ratio	>68 dB (1 kHz @ 1 Pa)
Dynamic Range (Typical)	110dB
Power Requirements	Phantom power DC 24-52V
Current Consumption	20 mA (typical)
Output Connector	3-pin fast euro connector
Recommended Pickup Distance	3.9" - 7.9" (10cm - 20cm)
Finish	White
Product Dimensions	3.35" x 3.46" x 5.375" (85mm x 88mm x 136.5 mm)
Weight	4.8 oz (135g)
RoHS	Compliant

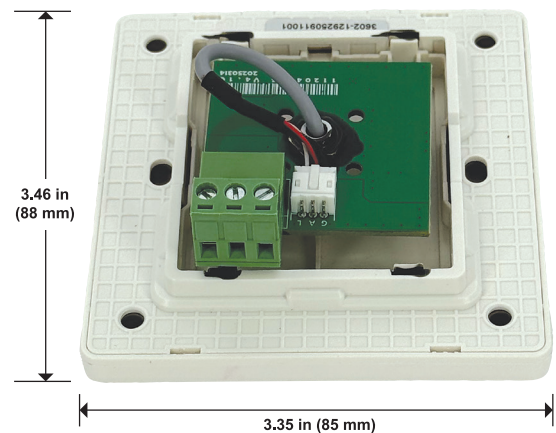
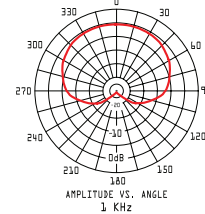
†Specifications subject to change without notice.



Frequency Response



Polar Pattern



Two-Year Limited Warranty

CAD Audio hereby warrants that this product will be free of defects in material and workmanship for a period of two years from the date of purchase. In the unlikely event that a defect occurs, CAD will, at its option, either repair or replace with a new unit of equal or greater value. In the event that a suitable replacement is unavailable, CAD Audio may elect to reimburse owner for the cost of local repairs or issue a refund in the amount of the original purchase price. Items must be purchased from an authorized CAD Audio dealer, and the warranty is not transferable from the original owner. Please retain proof of purchase to validate the purchase date and include it with any warranty claim.

This warranty excludes exterior finish or appearance, damage from abuse, misuse of the product, use contrary to CAD's instructions or unauthorized repair. All implied warranties, merchantability, or fitness for a particular purpose is hereby disclaimed and CAD hereby disclaims liability for incidental, special or consequential damages resulting from the use or unavailability of this product.

This warranty gives you specific legal rights and you may have other rights that vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.

Note: No other warranty, written or oral is authorized by CAD Audio.

To initiate a warranty claim, please contact American Music and Sound at 1-800-431-2609 to obtain a return authorization number and shipping instructions.

- A return authorization is required for all returns. RETURNS WITHOUT A PRE-APPROVED RETURN AUTHORIZATION NUMBER WILL BE REFUSED.
- Please use at least 3 inches of padding surrounding the product for protection during shipment
- Retain your tracking number until your warranty claim has been resolved
- We recommend using an insured shipping method in case of loss or damage during shipment

If outside the United States, contact your local dealer or distributor for warranty details.



CAD Audio 154 Woodlawn Rd.
Berlin, CT 06037 USA
cadaudio.com 800-762-9266

