

CM900VP

Remote Variable Pattern Hanging Choir Microphone

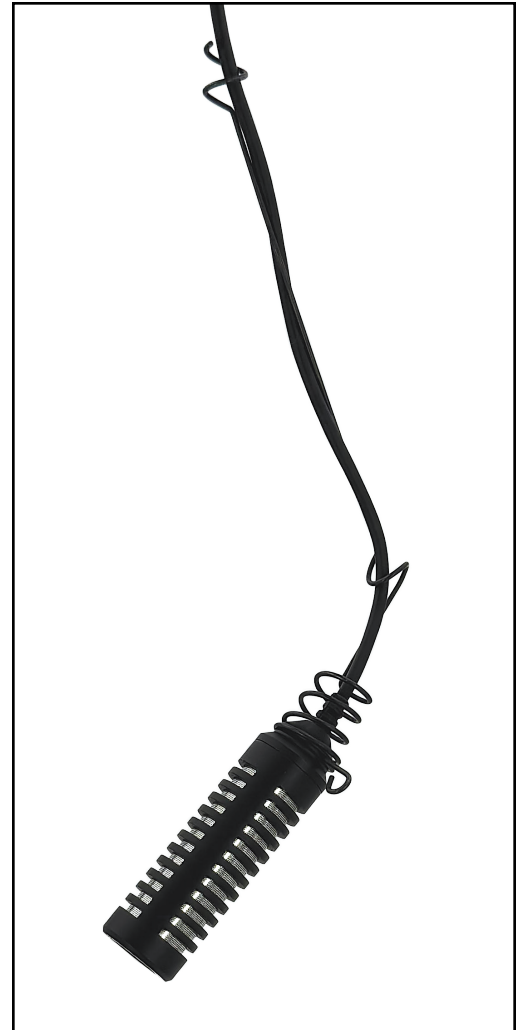
Description

The Astatic CM900VP is a professional hanging choir microphone designed for houses of worship, performance venues, and fixed installations where consistent coverage and musical balance are critical. Building on the tonal character and reliability of Astatic's classic 900B choir microphone, the CM900VP adds continuously variable polar pattern control, allowing a single microphone to adapt to different choir sizes, stage layouts, and acoustical conditions. By adjusting the pickup pattern from wide omnidirectional coverage to tighter directional control, installers and engineers can optimize gain-before-feedback, improve articulation, and maintain a natural ensemble sound without relocating microphones or changing hardware.

What truly distinguishes the CM900VP is its remotely controlled polar-pattern technology, a capability originally invented and patented by Astatic and first introduced in products such as the 1600VP. Using the VPC-1 Variable Pattern Control box, the microphone's polar pattern can be adjusted in real time via a standard XLR microphone cable—without accessing the microphone itself or interrupting a performance. This remote-control capability enables precise tuning during rehearsals or live services, making it possible to compensate instantly for changes in choir configuration, soloists stepping forward, or acoustical challenges in the room. The CM900VP represents a uniquely flexible solution that combines Astatic's heritage in choir microphones with a proven, proprietary technology that remains unmatched in installed audio applications.

Key Features:

- Remote variable polar pattern control via Astatic VPC-1 Control Box
- Continuously adjustable pickup patterns (from wide to tighter directional control)
- Proprietary Astatic technology — invented and patented by Astatic
- Standard XLR connectivity between microphone and control box
- Hanging choir microphone design optimized for overhead placement
- Based on Astatic's proven 900 series choir microphone platform
- No physical adjustment at the microphone required
- Compatible with permanent installed sound systems



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Specifications†

Operating Principle.....Fixed-charge Condenser
Polar Pattern.....Continuously-variable
Frequency Response 20Hz-18KHz
Sensitivity-25 dB $\pm$ 3 dB (0 dB = 1 V/Pa @ 1 kHz)
Output Impedance600 ohms
Max SPL 131 dB SPL (1 kHz @ 1% THD)
Signal-to-Noise Ratio.....84dB
Dynamic Range 121dB
Power Requirements.....Phantom power 9-52V DC
Output Connector.....3-pin XLR-type
Included Accessories..... Hanging Clip, Windscreen, Connecting Cable
RoHS.....Compliant

†Specifications subject to change without notice.

Front View VPC-1



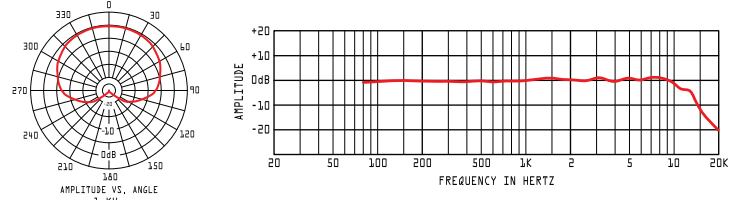
Rear View VPC-1



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Cardioid



Omnidirectional

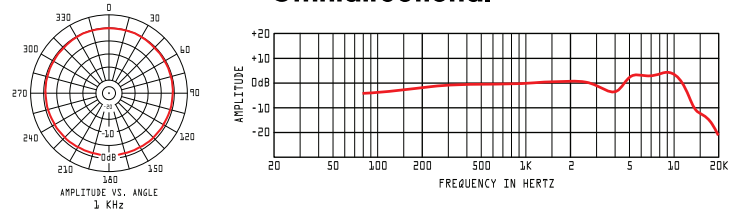
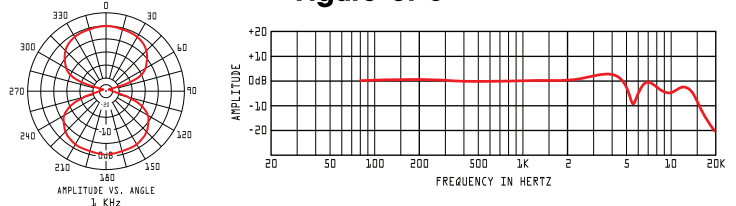


Figure-of-8



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.

