



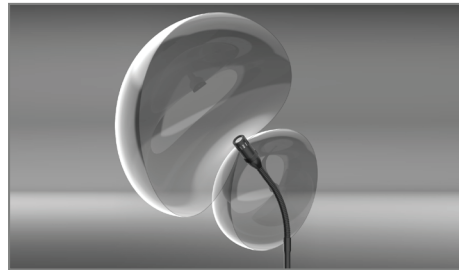
Supplied with case and windscreen.
Optional mounting accessories available.



COUNTRYMAN ASSOCIATES INC

A3 PODIUM MICROPHONE

Each A3 Podium Microphone starts with dual precision-crafted capsules, exhaustively tested for perfect sonic performance. Assembled and fine-tuned to optimize polar patterns and frequency response, the result is an uncompromising microphone for the most demanding environments.

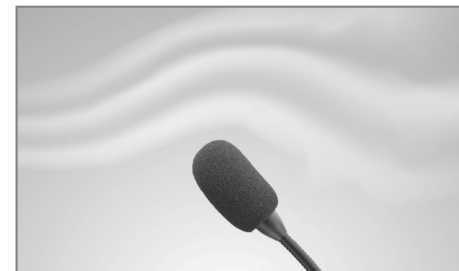
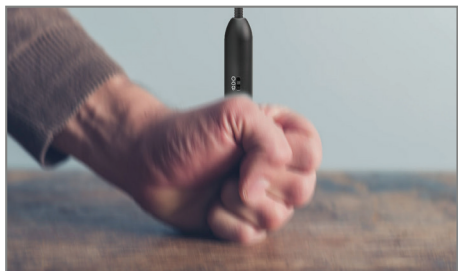


Fixed or Switchable Patterns:

Choose hand-tuned omni, cardioid, or hypercardioid patterns, or the three-in-one switchable A3S.

Precision Acoustics:

Each dual-capsule A3 is individually fine-tuned for exceptional clarity, low noise, and high overload without distortion.



Active Plus Vibration Cancellation:

The unique dual cartridge design, together with integrated damping, cancels thumps and handling noise.

Breath and Pop Reduction:

A unique multistage wind noise reduction approach acoustically and electrically tames pops and breath noise.

Ultra Configurable:

Available in fixed or switchable patterns and three standard lengths, an A3 Podium Microphone is ready for your application.

RF Immunity:

Rigorous shielding and circuit design protect the A3 from radio frequency interference, including wireless devices and cell phones.

Frequency Response:

Omnidirectional: 60 Hz to 18 kHz
Directional: 70 Hz to 16 kHz

Sensitivity:

-35 dBV/Pa (17.7 mV/Pa) at 1kHz

Maximum SPL:

130 dB SPL (A-Weighted) at 1% THD
133 dB SPL (A-Weighted) at 5% THD

Equivalent Input Noise (Pressure Mode):

14 dB SPL (A-Weighted)

Output Impedance:

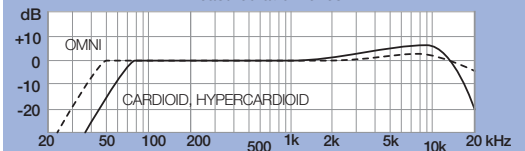
200 Ω

Current Drain:

6.2 mA

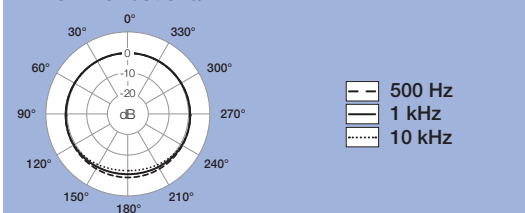
Frequency Response

measured at 6 inches

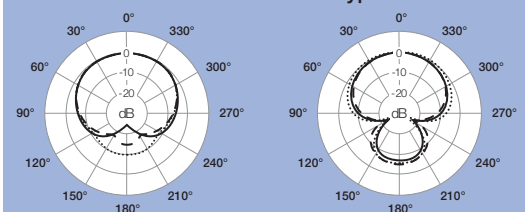


Polar Response

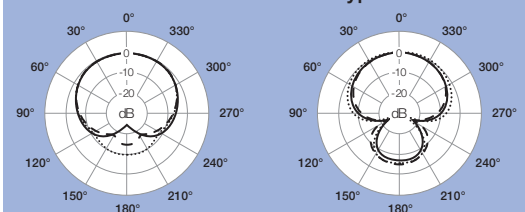
omnidirectional



cardioid



hypercardioid



A3 Podium: Frequently Asked Questions



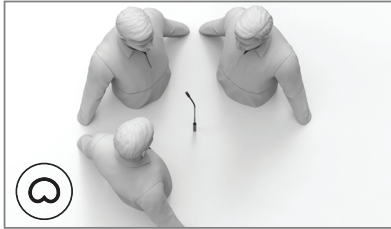
How should I position the A3 for best coverage?

Choosing the right position depends on the microphone pickup pattern and subject position. The A3 Podium Microphone is available with precision omnidirectional, cardioid, or hypercardioid patterns, or in a selectable pattern version allowing the microphone to switch patterns instantly. In all cases, the ideal distance from microphone to subject is about 12 inches (30 cm), positioned at chest level, pointing toward the face. This location eliminates pops and other breath noises, doesn't interfere with sight lines, and accommodates both normal conversational levels and presenters who prefer to project to the crowd.



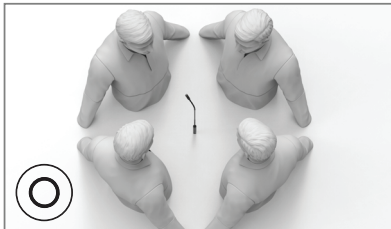
Hypercardioid

The A3 Podium's extremely accurate hypercardioid pattern picks up approximately a 90° cone extending from the tip of the microphone, allowing the presenter to move around or share the podium with a second person. This pattern also has the most rejection of ambient noise and feedback and is the most popular fixed pattern option.



Cardioid

The cardioid pattern has a pickup angle of about 130°, which is well-suited to groups or moving subjects. This pattern has the most rejection to the rear of the microphone, making it useful for taming feedback from nearby floor monitors.



Omnidirectional

The omnidirectional pattern picks up equally from all directions, making it ideal for a group around a table or picking up the ambient sound of an ensemble or space. This pattern can't reject interfering sources and is not suitable for environments where feedback is an issue.

Selectable

Selectable pattern A3 Podium Microphones have a switch at the base allowing the microphone to change instantly between any of the above patterns, making it the most versatile choice.

XLR3 connection



1/8" pipe nipple or "lamp pipe" bushing. Can be any length; one inch is normally supplied for table surfaces 3/4" or less in thickness. Drill 7/16" hole.

How should I mount the A3 to a desk or podium?

The Countryman A4CDM Desk Mount consists of a Neutrik connector module and a metal bushing that can be mounted through a table top or podium surface. It both supports and connects the mic, and provides an attractive, unobtrusive mount with a very small footprint. This kind of mounting is practical only because of the A3's Active Vibration Plus shock isolation—other podium microphones require bulky shock mounts to avoid table vibration noises.

Mounting the A4CDM requires drilling the table surface and soldering to the connector module, and is recommended for permanent installations only. The mic itself is held in place by the XLR connector's latch and can be removed easily for storage.