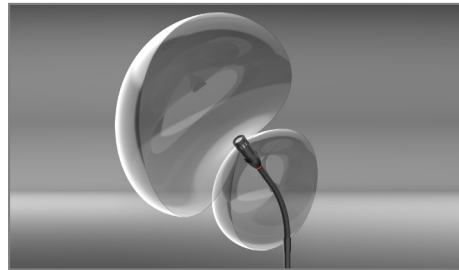


COUNTRYMAN ASSOCIATES INC

A3 HALO PODIUM MICROPHONE

Each A3 Halo 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:

Choose fixed or switchable patterns, three standard lengths, and red or green indicator LEDs. Jumpers allow reconfiguration of the XLR5 pins.

RF Immunity:

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



Supplied with case and windscreen.
Optional mounting accessories available.

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 at 1% THD
133 dB SPL at 5% THD

Equivalent Input Noise (Pressure Mode):

14 dB SPL (A-Weighted)

Output Impedance:

200 Ω

Current Drain:

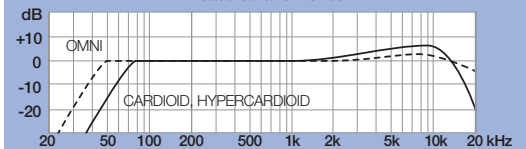
6.2 mA

LED Power:

12V, 18mA (Red option), 10 mA (Green option)

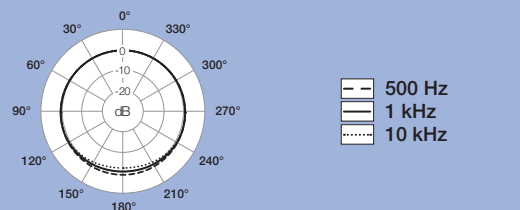
Frequency Response

measured at 6 inches

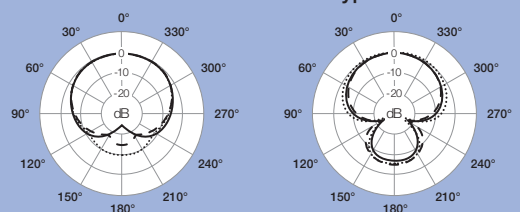


Polar Response

omnidirectional



cardioid

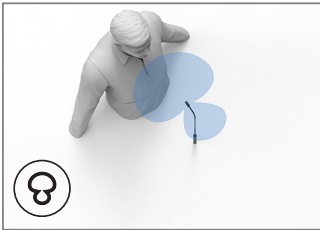


A3 Halo Podium: Frequently Asked Questions



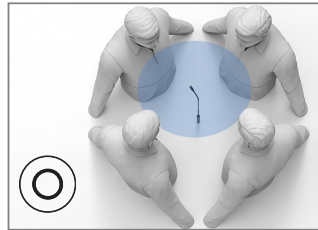
How should I position the A3 Halo for best coverage?

Choosing the right position depends on the microphone pickup pattern and subject position. The A3 Halo 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.



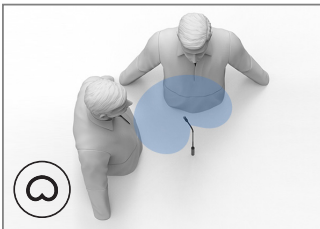
Hypercardioid

The hypercardioid pattern picks up approximately a 90° cone extending from the tip of the microphone. This pattern also has the most rejection of ambient noise and feedback and is the most popular fixed pattern option.



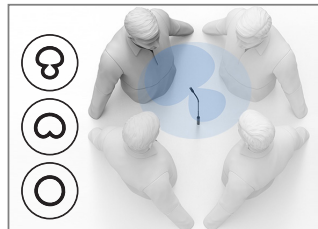
Omnidirectional

The omnidirectional pattern picks up equally from all directions, making it ideal for a table discussion or ambient sound recording. This pattern is not suitable for environments where feedback is an issue.



Cardioid

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



Selectable

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

XLR5



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

The Countryman A3 Halo Desk Mount consists of a Neutrik XLR5 female 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 Halo's Active Vibration Plus shock isolation—other podium microphones require bulky shock mounts to avoid table vibration noises.

Mounting the A3 Halo Desk Mount 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.

How should I wire for the A3 Halo?

The jumper system inside the A3 Halo Podium Microphone allows installers to reconfigure the pins of the A3 Halo's XLR5 connector to match most common halo gooseneck configurations without the need for system rewiring. The default configuration for the A3 Halo Podium Microphone is:

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5
Audio GND	LED GND	AUDIO -	LED +	AUDIO +

