

Cardioid Condenser Microphone

The ART C2 is one of the most versatile compact side-address wide diaphragm condenser microphones available. A cardioid polar pattern with two position pad and two position low frequency roll-off switches make it the ideal studio condenser microphone for solo vocal or instrument recordings where subtlety and clarity is paramount.

As a cardioid condenser microphone the C2 picks up only sound directly in front of the mic while sounds from sides and back of the microphone are rejected increasing isolation and delivering controlled directionality.

In live sound and remote recording applications, the ART C2's cardioid pattern offers excellent feedback rejection and better isolation and will give you the best results on most vocal applications and a wide range of solo instruments including background brass and woodwinds, acoustic stringed instruments (violin, viola and cello), drums and percussion. It offers full frequency response at the front of the microphone with a very controlled and predictable proximity effect – the increased low frequency response when microphone is placed close to sound source.

Vocalists can use the proximity effect to their advantage, adding fullness and more 'bottom end' to the voice. Experienced vocalists can easily incorporate it as part of their overall microphone technique.

Note: The cardioid symbol on the microphone housing denotes the 'live side', or front face of the microphone that in all cases should face the performer.

Controls on the microphone itself include a -6 & -12dB pad switch, allowing distortion-free reproduction of extremely loud at-source signals, and a two position -12dB/octave low frequency roll off at 100Hz & 200Hz that reduces unnecessary low end 'boominess' and low frequency interference.

As a condenser microphone, the ART C2 requires phantom power to operate. The included heavy-duty shock-mount suspension virtually eliminates vibration and handling noise, while at the same time safely securing the microphone in any position needed during the recording process.

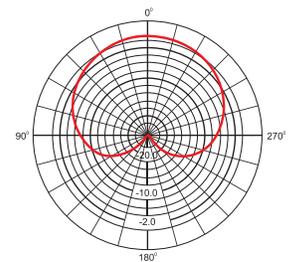
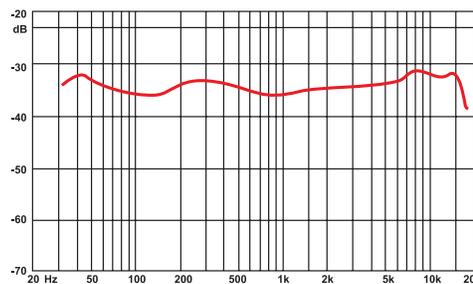
Specifications:

Type:	Cardioid Condenser Microphone
Capsule:	34mm Diaphragm Side Address
Polar Pattern:	Cardioid
Frequency Response:	20Hz to 20kHz
MAX SPL:	132dB
S/N Ratio:	78dB
Sensitivity:	-37dB (+/-2dB)
Self Noise:	16dB A
Impedance:	<150 ohms
Recommended Load Impedance:	1000 ohms
Power Requirement:	48v Phantom Power
Dimensions:	57mm x 168.5mm
Dimensions:	2.2 inches x 6.6 inches



Features:

- Exceptionally Warm Sounding FET Design
- Smooth Frequency Response
- Two Position Pad & Two Position High Pass Filter Switches
- 34mm Gold Sputtered Diaphragm
- Wide Dynamic Range with Low Noise Floor
- Secure Cradle Mount and Hard Case Included



Cardioid at 1KHz