



POSITIONING

Samson CL7a is the perfect large-capsule condenser solution for the home, project, or professional studio. Featuring a large 1.1" diaphragm, the CL7a delivers a smooth, warm sound with a cardioid pickup pattern provides excellent isolation, rejecting off-axis sounds. High-pass filter and pad switches add to the mic's versatility.

FEATURES

Large Diaphragm Performance

A microphone's performance has much to do with the diaphragm, and the CL7a doesn't compromise on quality. With a large 1.1" gold-sputtered capsule that incorporates an ultra-thin 3-micron diaphragm the CL7a delivers a smooth, balanced sound. The wide frequency range and fast transient response ensure accurate reproduction while preserving the "breathing space" and "acoustic ambience" of a featured vocalist or instrument.

Improved Isolation

CL7a uses a cardioid pickup pattern, capturing more of the sound in front of the microphone and offering excellent rejection of sounds to the sides and behind the mic. The CL7a requires less isolation when recording thereby providing more control over feedback in live sound applications, without inhibiting a natural performance.

Enhanced Electronics

The CL7a is built to take whatever you can throw at it. With a switchable -10dB pad, the microphone is capable of handling up to 147dB SPL (with the pad off), making it adept on tackling loud sound sources like miking guitar cabinets, brass instruments, and drums. The switchable 12dB per octave high-pass filter at 100Hz minimizes low-frequency rumble, mechanical and wind noise.

APPLICATIONS

- Recording
- Live Performance
- Audio for Video
- Podcasting and Streaming

SPECIFICATIONS

Element	Condenser
Diaphragm Thickness	3 microns
Frequency Response	20Hz–20kHz
Polar Pattern	Cardioid
Impedance	200 ohms balanced
Minimum Load Impedance	1000 ohms
Sensitivity	-40dBV/Pa
Max SPL (Pad Off)	147dB
Signal-to-Noise	77dB
Equivalent Noise Level	17dB
Microphone Connector	3-pin, gold-plated XLR
Power Supply	48VDC \pm 3V
Accessories	Mic swivel, zipper pouch
Dimensions	6.9" x 2.1"
	174mm x 53mm
Weight	1.12lb
	0.51kg