

SOUNDELUX U195 CARDIOID FET CONDENSER MICROPHONE

In designing the U195, Soundelux set out to create a microphone able to satisfy a wide range of demands in critical music recording, broadcasting, and post applications.

Unique to the U195 is the "Fat/Norm" switch. The Norm position provides an extended flat response with slightly elevated high end typical of FET condensers, while Fat creates a low end boost between 10Hz and 400Hz for the distinctive sound of many classic cardioid condensers.

The U195 also provides a variable pad (0dB to -30dB) and rumble filter (-10dB at 30 Hz) - further enhancing this microphone's extraordinary versatility.

Component selection and construction reflect Soundelux's dedication to lasting quality. The capsule uses the same 1-inch gold-sputtered diaphragm as the highly regarded Soundelux U95.

The electronics package has no surface mount components. Instead, it incorporates Roderstein resistors, low ESR electrolytic capacitors, polypropylene coupling capacitors and a unique FET circuit exhibiting remarkable low noise, low capacitance, and extended high frequency characteristics.

Ample headroom throughout prevents the FET "fizzle" plaguing other designs, while a massive output transformer maintains coherent signal integrity across the full audio bandwidth.

For budget-conscious studios facing a wide range of demands, a U195 serves as the "do-it-all" premium condenser microphone. It delivers superb results on lead vocal tracks as well as in VO/ADR use, providing remarkable fullness and presence with exceptionally low background noise.

Many engineers will find uses for the U195 limited only by their imaginations and ever-changing session demands.



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Applications:

The U195 accepts a broad spectrum of acoustic input levels, from soft vocals to heavy drums, yet also offers extended bandwidth response along with facilities for tailoring tonal characteristics for optimum results on any voice or instrument.

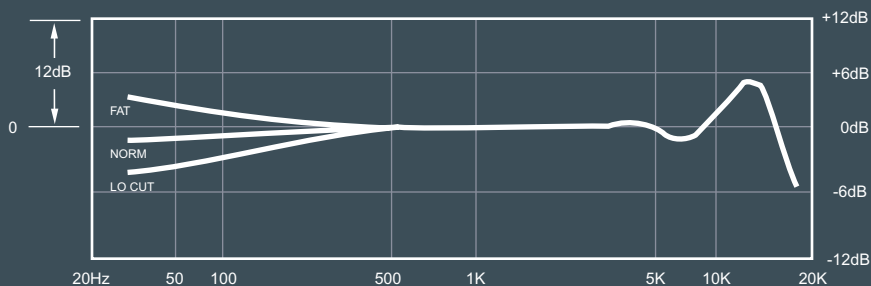
The versatility afforded by the variable pad and Fat/Norm switches make the U195 an ideal choice for recording drums (tom-toms, in particular), other percussion instruments, and acoustic guitar.

High SPL tolerance allows use of the U195 in front of electrical guitar amplifiers, where the FAT Mode response adds extra oomph to the guitar tracks.

Specifications:

Patterns:	cardioid only
Frequency range:	10-20kHz
Sensitivity:	14mV/Pa
Equiv. Noise:	23dB (unweighted) 12dB ("A" weighted)
S/N ratio:	71dB (unweighted) 82 dB ("A" weighted)
Max SPL:	125 dB @ 0.5%o
Impedance:	50 Ohms
Dynamic range:	115dB
Capsule size:	1" diameter
Dimensions:	2.09" x 7.7" (5.3 x 19.5 cm)
Weight:	1.75 lbs.
Power consumption:	0.5mA @ 48vdc
Power supply:	Phantom powered, user provided

Includes lacquered wood box for mic & shock mount.



Soundelux Microphones is a leading producer of high-end studio microphones. Its award-winning line of condenser mics, all handcrafted in the USA, are widely used in top music recording, film post-production and broadcast studios worldwide.



Optional Spider Shock Mount

