

# SOUNDELUX ELUX 251

The ELUX 251 recreates the sonic beauty of the fabled Telefunken ELAM 251, one of the finest and most sought after vintage mics ever built. Excellent bass simultaneously occurs with an open, airy top end, allowing the ELUX 251 a response extending well above and well below the normal range of a studio microphone. Its strong, powerful bottom and present, yet unabrasive top puts this mic leagues ahead of others; its quality and sound simply cannot be found in cheaper microphones.

The ELUX 251 carries on the Soundelux Microphones tradition of highest possible "old world build" quality with a reasonable price, using a hand built European capsule and time proven tube & transformer circuitry. All electronic components are point-to-point wired and each individual component in every microphone has been pre-screened for its sonic quality. The power supply actually lowers the noise floor well below the vintage standard, yet remains true to the original, unregulated supply.

The ELUX 251 provides true vintage quality performance with modern build. Years of studio experience and manufacturing know-how have gone into creating a product that will find everyday use in the most top-flight situations, and give the owner unparalleled pride of ownership.



## Applications:

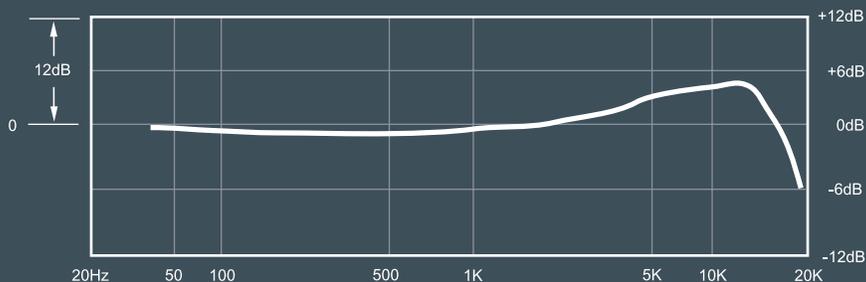
Though it's primary use will undoubtedly be on male or female vocals, the ELUX 251 will also find itself an extraordinary performer on other instruments as well. Drum kits will have astounding impact and transient response, with no overt artificial high end or mid-range boxiness. Pianos will also benefit from the open top of this microphone, as well as acoustic guitars and percussion. The ELUX 251 will also function well as a main ensemble mic, or anytime the "best music recording microphone" is needed.

The ELUX 251 also fulfills the elusive quest for high frequency response that is not only present, but natural. This allows vocals to sound naturally dominant without being overbearing, to come forward without being obtrusive. This microphone transforms the most intimate details of a vocal, maintaining its clarity even under stressful vocal situations, and doesn't fold or get harsh as the singer's intensity increases.

The expansive sound of the ELUX 251 means no midrange overemphasis and buildup when stacking vocal tracks, no honkyness or grunge. As the ultimate high-resolution tube microphone, it is the very definition of "great liquid tone", even when recorded digitally. The ELUX 251 sounds great in every mixing studio and on every stereo system, before and after mastering. It will give you absolute confidence that your vocal tracks will stand the test of generational degradation: mixing, processing, mastering, broadcasting and webcasting.

## Specifications:

Patterns:	Cardioid
Frequency Range:	20 Hz to 18 kHz
Sensitivity:	20mV/Pa
Equiv. Noise:	19. dB (unweighted) 9 dB ("A" weighted)
Max SPL:	138dB for 0.5% THD @ 1kHz
Impedance:	50 Ohms
Dynamic Range:	126dB
Capsule size:	1"
Dimensions:	2.06" x 8.75"
Weight:	0.95 lbs (15.3 oz)



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

