

# SOUNDELUX E47

Soundelux Microphones is a unique US manufacturer of true "professional level" microphones. Our mission is to restore the availability of the most important vintage microphones of all time without the vintage price and without the high maintenance. We work to recreate as closely as possible the sonic signatures of the most important vintage microphones, using modern materials and assembly, hand workmanship and a very critical ear. Our first effort came in 2001 with the universally acclaimed ELUX 251. Priced at 1/3 the price of the original, the ELUX 251 is not only a bargain but also an instant classic. The effort continues now with introduction of the Soundelux E47 tube microphone, perhaps the important studio microphone of all time. The beauty of Soundelux is that every microphone in the line is designed to work together as a team. The Soundelux line up provides the most important "colors" proven over time to be essential in all quality studio work.

The 1950's era Tube 47 was an essential studio microphone, known for its big vocal sound and excellent smooth response. As a sought after vintage microphone, the Tube 47's found on the used market today are typically not the best examples: the good ones were gone long ago to collectors and rental houses. The Soundelux E47 recreates the extraordinary sound of the best original Tube 47's versions with an improved headroom and top end. Maintaining the features, character, mechanical and electrical topology of the original, the E47 is a variable pattern microphone suitable for vocals and instrument applications. Best of all, the price of the E47 is half that of vintage originals. The E47 has remote power supply and "spider" shock mount built to professional grade standards. Everything about the E47 shows careful attention to restoring the feel and performance of the original, built with modern materials and attention to detail. Soundelux E47 continues the company's commitment to extreme value.

What makes the E47 different is that it is built to achieve a specific sound while nearly all other microphones are built to sell at a certain price or "look". Determining the proper sound for the E47 was no easy feat, for 1950's era 47's are notorious for sounding very different from one another. After years of renting and borrowing the best 47's to be had, trial and testing, David Bock of Soundelux has found the right combination of electronics, mechanicals and operational feel. Even the most die-hard 47 fan would approve. The Soundelux E47 embodies the most important characteristics of the original, while offering consistency and reliability that is a requirement for the hard service and limited budget of the overworked studio. With the addition of a Soundelux E47 to your mic locker, you will find a range of sounds and tonal characters previously not available through any other means. We are certain you will find this to be an essential addition to your studio regardless of what you currently own. The Soundelux E47, the next generation of vintage microphones, for those who earn a living by the sounds they make.



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## Applications:

The E47 primary use is on close-up male or female vocals. It is also a powerful performer on other instruments. Individual drums or drum kits will have astounding impact, with no overt artificial high end. Brass instruments will be recorded with the classic jazz signature of the most famous records from the 1950's, and small ensembles (of nearly any instrumentation) are recorded with intimacy unavailable otherwise. Cello, or violin (at a small distance). Acoustic or electric bass will find a perfect warm tone, without clouding or muffling using the E47. Solo performers who sing while playing acoustic guitars may be recorded with just this one microphone! It may be used close up anywhere it's distinctive proximity effect is desired. This mic's coloration is so useful it may be applied to nearly any application with useable, musical results. The E47 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 web casting.

## Specifications:

Acoustic operating principle: combination pressure and velocity sensing  
Directional patterns: variable from omni through cardioid through figure of eight with fixed cardioid option

Frequency response	20 Hz-20kHz
Sensitivity*	16.5mV/Pa +/- 1dB
Rated Impedance	200 Ohms
Rated load impedance	1000 Ohms
S/N ratio, relative to <u>1Pa@1kHz</u>	67dB
S/N A-weighted	79dB
Equivalent Noise level	27dB
Self Noise A-weighted equivalent	
SPL due to inherent noise	15dB
Max SPL for <0.5% THD**	134dB
Dynamic range	119dB
Maximum output voltage	5.29v = +16dBm
Power	Proprietary supply, 120/240vac input
Weight	1.34lbs
Dimensions	2.48" diameter, 8.95" overall length
Shipping Weight	12 lbs
Warranty	3 years /parts and labor

Includes lacquered wood box for mic & mic clip.

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.

