

SOUNDELUX

ifet7 STUDIO CONDENSER MIC

- A fet47 and 87fet in just one mic
- The two most proven non-tube cardioid sounds for the studio
- Two completely different sets of internal electronics
- Phantom powered convenience (no power supply)
- Real transformer coupling
- "Pre-modified" for optimum performance- like sending a mic to the custom shop!
- High SPL capable, rugged construction

Continuing in the effort to recreate proven and essential vintage microphone sounds no longer available, Soundelux has developed the new ifet7 mic. The ifet7 is a departure from our previous models which recreate the sound of just one vintage mic model. The ifet7 recreates the essential sounds of two different important vintage fet mics: the fet47 and 87fet. Incorporating all the standard features of the famous fet47 and 87fet from the 1960's, Soundelux engineering boasts new and unique improvements that make the ifet7 more useful than the original versions.

The ifet7 is a phantom powered fet condenser mic designed to capture both the high SPL and sound of the classic fet47 and the vocal intimacy of the 87fet. Both the fet47 and 87fet were essential tools for the recording professional, but age and unit variation has made finding a good vintage mic difficult. Using the same key mechanical dimensions and construction of the classics, it looks like a short version of our own E47, but comes with an integral stand adaptor arm and has an optional shock mount. It will find its applications on vocals as well as instruments such as kick and close up drums and bass amps.

The ifet7 has both a "V" (vocal) and "I" (instrument) mode which represent the two completely different sets of internal mic amplifiers used in attaining the fet47 or 87fet sound. In the "V" mode, minimal Class A electronics are employed for a more seductive vocal sound than the original 87fet. This is one sweet vocal mic! In the "I" mode, the mic employs Class AB electronics and exhibits the same behavior as the original with improved headroom. Unlike most modern fet mics, the ifet7 is fully transformer coupled (as were the originals) and sports an improved larger core transformer for improved low frequency headroom rivaling modern transformerless specs. The benefit is that it offers the best known level of performance without the frequency response artifacts and time variant drawbacks of modern transformerless microphones. The overall ifet7 difference is that it possesses a clearer top and bottom without sounding boxy plus delivers the essential dynamic characteristics of the original vintage models.

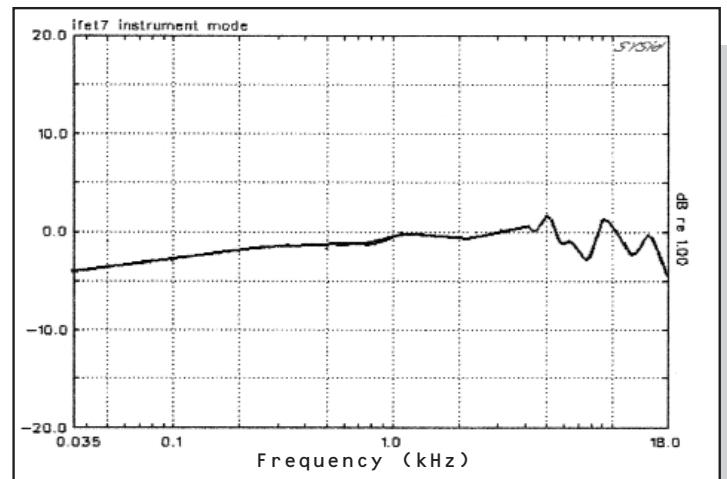
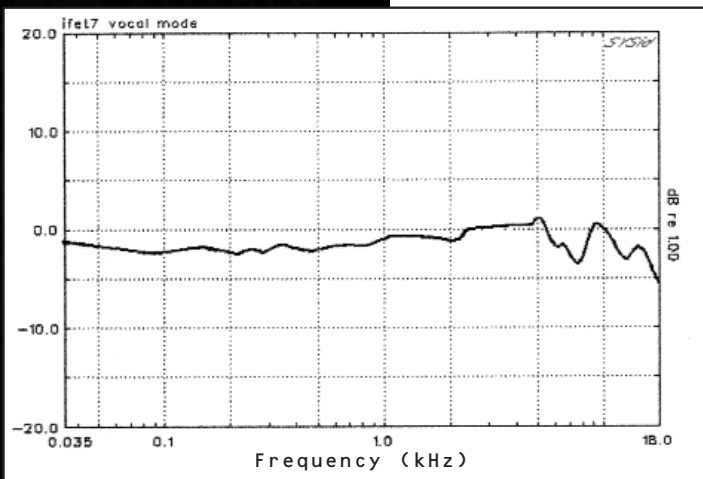
The "V" mode has a LF contour with no rolloff and HF contour with a rolloff starting @15kHz to lessen sibilance. The V mode is the essential 87fet sound including its lower SPL capability, but offers a "warmer," less sterile character. **For instruments, the ifet7 "I" instrument mode will likely be the choice.** This mode provides a built in LF rolloff to reduce the bass heavy nature of close up mic work, and no HF rolloff for extended high end and improved definition. The "I" mode offers high SPL capability just like the fet47 and may be used close up on a snare drum, toms or kick drum.



SOUNDELUX
MICROPHONES

SPECIFICATIONS OF THE SOUNDELUX IFET7

Directional pattern:	cardioid
frequency range:	20-16kHz
Sensitivity (94dB SPL@1kHz)	9mV/Pa ("I" mode) +/- 1dB 12mV/Pa ("V" mode) +/- 1dB
Source impedance:	200 ohms
min load impedance:	1k ohms
s/n ratio:	69dB ("I") mode 71dB ("V") mode
Equivalent noise "I" mode:	20dB unweighted, 10dB "A"weighted
Equivalent noise "V" mode:	23dB unweighted, 12dB "A"weighted
Max SPL for 0.5% THD@1kHz:	135dB SPL in the "I" mode 117dB SPL in the "V" mode
Dynamic Range:	125dB("I") 105dB("V")
Power Requirements:	48volts +/- 3v
Current consumption:	1.10mA
Actual Weight:	11b 14oz
Shipping Weight:	3.2 lbs
Dimensions:	6.55" long(mic only) 7.2" long w/arm X 2.5" diameter
Shipping Dimensions:	12" x 5" x 4"
Accessories:	Supplied with an American made wood storage box and integral, removable mic stand adaptor arm. Optional Soundelux "47 Pro Spyder" shockmount should be used in high noise or rumble environments. Warranty information: Three years from date of purchase.



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