# MICROPHONE PARTS

because good sound doesn't have to be expensive

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## RK7 MICROPHONE CAPSULE

The RK-7 is our second K47-style microphone capsule. Like our original RK-47, it will revoice your inexpensive imported condenser microphone, replacing its hyped high frequencies with a smoother, dramatically more musical sonic profile.

**RK-7.** ~~$149~~ **$109**
Free US shipping.
Includes saddle, post, wires and screws.



Add to Cart

Both the RK-47 and RK7 are large-diaphragm, dual-sided, true condenser capsules, built to precision standards with rigorous multi-step quality control. Both share the backplate drilling pattern made famous by Neumann's M7 and K47 capsules. Coupled with a flat-response impedance conversion circuit, such as is found in most inexpensive condensers, both these capsules sound amazing.

## RK7 VS RK-47

The RK7 produces a subtly different frequency response than the RK-47. The differences result from the physical size of the capsule, which at 32mm is 2mm smaller than the RK-47, and the membrane material, which at 6 microns is twice as thick as the RK-47 diaphragms.



Due to the more robust membrane, the RK7 can use a slightly higher polarization voltage of 75-80V. Due to its smaller physical size, the RK7 is an easier drop-in replacement for microphones from companies such as Rode, whose proprietary capsule mounting systems can be challenging for DIY modification/replacement.

We plan a full comparison of these capsules soon. For now, our early tests indicate that the RK7 reaches lower, and is softer on top, making it especially well-suited to male voiceover (or any vocal application where sibilance is a problem), electric and acoustic bass, or any thin/bright source that benefits from the thickening effects of proximity.

## CARDIOID OR MULTI-PATTERN?

The RK7, like our RK-47, RK-12, and RK-67, is a dual-diaphragm capsule. If you wish to use it within a Cardioid microphone, simply leave the rear diaphragm disconnected from the circuitry. This gives you the option of rotating the capsule back-to-front in the event that the front membrane becomes contaminated.

Alternatively, wire the rear diaphragm together with the front, making your Cardioid microphone into an Omnidirectional.

These capsules work beautifully in multipattern microphones, too; simply connect the capsule's leads in the same way that your microphone's stock capsule had been wired. (See the RK-47 Installation Guide for more.)

## IN THE BOX

See photos of RK7 installations.



### TESTIMONIALS

"My JJ Audio-modded RK7/Rode NT2A is perfect for bright instruments like violin and harmonica. It's also great for giving the solo instrument its own space the mix. I used it the other day on a nylon-string guitar solo. It was like honey dripping out of the speakers. Yum yum."

Duncan Stitt

"The RK7 capsule, which I just put in my $50.00 Stupid Deal of the Day MXL 910, sounds great! ... The mic sounds as sexy as it looks now!"

Dave Beneke

"[W]ith the RK7 installed the 910 sounds like a cool and fun mic! It has a rich sound to it... It sounds completely different than any of my other mics. I just tried it in front of a kick drum and it sounded good... but with a couple EQ cuts and a couple tiny boosts it sounded HUGE! Think AC/DC Back In Black album! I have been looking for a dedicated kick condenser... this may be it now."

Gator McMurder

"I have installed the RK7 capsule in a CAD GXL3000 for a friend. I am seriously impressed. Smooth as a ribbon, yet more detail. This microphone is now usable!"

*Louis-Philippe Kyer*

"I recently used the [RK7 mod] on a recording session with a heavy rock band, and it's a fantastic front of kick drum mic."

*Rico Macalma*



The RK7 includes its termination wire, preattached to the capsule (but not pictured above), a domed mounting pedestal (not pictured above), and all necessary screws for installation.

## BUY RK7 CAPSULES

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|---|---|---|
| Buy one RK-7 capsule | $109 | Add to Cart |
| Buy two RK-7 capsules | $199 | Add to Cart |

## RK7 AUDIO SAMPLES

Male narration voice sample supplied by David Beneke:

MXL 910/RK7

Behringer B2 Pro

↓ Further Information