

Earthworks™ DRUM KIT™ SYSTEM



PRECISION DRUM MICROPHONES

Replace your individual drum mic setup with Earthworks' precision three-mic DrumKit™ System for optimum sonic accuracy and superior drum sound.

**This is incredible!
You must hear it.**

DRUMKIT™ DEMO CD INSIDE

KickPad™
plugged
into mic line.



Earthworks™
PRECISION AUDIO



The INNOVATIVE DrumKit™ System

The typical practice of miking drums is to use a separate mic for most elements of the drum set, along with two overhead mics. This normally involves the use of five to seven microphones, or more. While developing a new 25kHz Series of microphones for percussion, we went into the studio to try them out. We only used two mics for overheads and one for kick drum. When we heard this, it absolutely blew us away. Then we made a comparative recording of the same drum set using seven other mics that are some of the industry favorites for miking drums. In comparing these two recordings, the difference in detail and sound quality of the three Earthworks mics vs. the seven industry favorites was staggering. The Earthworks microphones captured every nuance of sound from each piece of the drum set with such an exceptional clarity and cohesiveness, that it sounded like a live set of drums, not a bunch of pieces. This discovery led to the development of the innovative Earthworks DrumKit™ System, providing a “dramatic improvement” in the sound quality of miked drums. This is truly astonishing - you must hear it for yourself.



“Recording” & “Live Performance” Models

The Earthworks DrumKit™ System comes in two models. The DK25/R (shown above) is for “Recording” and has two TC25 omnis for overheads, an SR25 cardioid for kick drum, a KickPad™ and a windscreen. The DK25/L is for “Live Performance” and has three SR25s; two for overheads and one for kick drum, a KickPad™ and a windscreen. Both versions come in the attractive solid wood carrying case. The patented cardioid pattern on the SR25 provides a more uniform off-axis response and less susceptibility to acoustic feedback. All three of the DrumKit™ microphones will provide stunning results on a wide variety of instruments and vocals.

The KickPad™

A good kick drum microphone needs to be designed and optimized for that specific purpose. This means the microphone is great for kick drum and nothing else. Therefore we designed the kick drum optimization in an external XLR package - the KickPad™. Just plug the KickPad™ into the mic line going to the SR25 kick drum mic for magnificent results. With the KickPad™ removed, you can use the same SR25 for most anything. All three high quality Earthworks microphones in the DrumKit™ System can be used for other instruments and vocals. As an added bonus, the KickPad™ will improve the sound of other popular microphones used for kick drum.



Earthworks DrumKit™ System comes in two models: one for “Recording” and another for “live performance.” Both come in a beautiful wood carrying case.

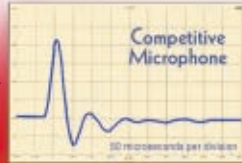
PURE SOUND

Most every microphone on the market is just another version or variation of the same technology. By contrast, Earthworks utilizes proprietary, patented technology that outperforms others by providing:

- **Superior Impulse Response** - the speed and accuracy in which a microphone responds to a signal with fast rise times.
- **Fast Diaphragm Settling Time** - how long it takes a diaphragm to return to rest.
- **Patented Pick-up Pattern Technology** - maintaining accuracy and uniform frequency response throughout the pick-up pattern.
- **Extended Frequency Response** - capturing high frequency details and overtones.

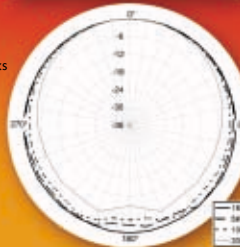


Impulse Response Graph



Four times the price of TC25

Earthworks TC25



Omni Polar Pattern

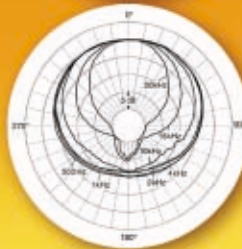


Competitive Microphone at two and a half times the price of TC25

Earthworks SR25



Cardioid Polar Pattern



Competitive Microphone at two and a half times the price of SR25



Don't just take our word for it. Hear it for yourself on the Earthworks DrumKit™ Demo CD. Once you hear the difference, you will never look at drum mics the same way again.

DRUMKIT™ DEMO CD TRACK LIST

- Track 1: Narration (Introduction) †
- Track 2: Drum Set recorded with 7 competitive mics
- Track 3: Drum Set recorded with Earthworks™ Omni DrumKit™ using 2 TC25, 1 SR25 mics.
- Track 4: Narration (DrumKit™ & KickPad™ description) †
- Track 5: Kick drum recorded with Earthworks™ SR25
- Track 6: Kick drum recorded with Earthworks™ SR25 & KickPad™
- Track 7: Narration (Using KickPad™ with competitive kick drum mics) †
- Track 8: Kick drum recorded with AKG™ D112
- Track 9: Kick drum recorded with AKG™ D112 & KickPad™
- Track 10: Narration (Description of Earthworks™ Omni and Cardioid DrumKits™) †
- Track 11: Drum Set recorded with 7 competitive mics
- Track 12: Drum Set recorded with the Earthworks™ Cardioid DrumKit™ using 3 SR25 mics.
- Track 13: Narration (Using Earthworks™ mics as drum overheads on multi-miked drums) †
- Track 14: Drum Set recorded with 7 competitive mics using AKG™ 3003 cardioids as overheads.
- Track 15: Drum Set recorded with 5 of the same competitive mics and replacing the overheads with 2 Earthworks™ SR25 mics.
- Track 16: Narration (Recording a piano with DrumKit™ mics) †
- Track 17: Piano recorded with 2 Audix™ CX25s
- Track 18: Piano recorded with 2 Earthworks™ TC25s
- Track 19: Narration (Recording an acoustic guitar with DrumKit™ mics) †
- Track 20: Guitar recorded with a Neumann™ TLM103
- Track 21: Guitar recorded with a Shure™ SM81
- Track 22: Guitar recorded with an Earthworks™ SR25
- Track 23: Narration (Recording a Hammond™ Organ & Leslie™ with DrumKit™ mics) †
- Track 24: Hammond™ Organ & Leslie™ recorded with 2 Shure™ SM81s
- Track 25: Hammond™ Organ & Leslie™ recorded with 2 Earthworks™ SR25s
- Track 26: Narration (Comparing the Cardioid & Omni DrumKits™) †
- Track 27: Drum set recorded using Omni DrumKit™ & KickPad™
- Track 28: Drum set recorded using Cardioid DrumKit™ & KickPad™
- Track 29: Narration (A/B comparison info & Earthworks™ contact information)
- Track 30: Assorted excerpts of music recorded with Earthworks™ microphones.

†Trademarks are property of their respective owners.

Track List Behind CD



Earthworks™ DRUM KIT™ SYSTEM

PRECISION DRUM MICROPHONES



DRUMKIT™ DEMO CD CREDITS & INFORMATION

Narrator: Dennis Becker
Produced by Larry Blakely
Comparison Recordings performed by Nashville studio musicians

Musical Excerpts behind narration:

Yuri Naumov, album: "Guitar Stories" visit www.russianblues.com †
Ken Hatfield, album: "The Surrealist Table" visit www.kenhatfield.com ◊

Musical Excerpts on track 30

Sneaky Blues, Yuri Naumov, album: "Guitar Stories" †
The Sound of Love, Chiara CiVello, album: "Summa Cum Jazz 1997" Δ
Nets on Water, Cindy Kallet, album: "This Way Home" *
Most Every Day, Ken Hatfield, album: "The Surrealist Table" ◊

NOTE:

Each comparative recording is a different performance, i.e. not the same performance recorded simultaneously with two sets of microphones. Consequently, variations in attack or strike velocity may be apparent. All recordings were done in the same studio with identical microphone placement for each comparative recording.

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Δ ©© 1997 BMG Direct

◊ ©© 2003 Ken Hatfield/Arthur Circle Music

* ©© 2000 Stones Throw Music

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EXPRESS PERMISSION OF EARTHWORKS, INC.

SPECIFICATIONS FOR TC25

Frequency response 9 Hz to 25 kHz +1/-3 dB
Polar pattern Omnidirectional
Sensitivity 8mV/Pa (-42dBV/Pa)
Power requirements 48V Phantom, 10mA
Peak acoustic input 145dB SPL
Output XLR (Pin 2+)
Min output load 600 between pins 2&3
Noise 27dB SPL equivalent (A weighted)
Dimensions (L x D) 165 mm x 22 mm (6.5 x .860 inches)
Weight 160g (.35lb.)

SPECIFICATIONS FOR SR25

Frequency response 50 Hz to 25 kHz ±2 dB @ 15cm
Polar pattern Cardioid
Sensitivity 10mV/Pa (-40dBV/Pa)
Power requirements 48V Phantom, 10mA
Peak acoustic input 145dB SPL
Output XLR (Pin 2+)
Min output load 600 between pins 2&3
Noise 22dB SPL equivalent (A weighted)
Dimensions (L x D) 165 mm x 22 mm (6.5 x .860 inches)
Weight 160g (.35lb.)

Earthworks™
PRECISION AUDIO

Earthworks, Inc. • 37 Wilton Rd. • Milford, NH 03055
603-654-6427

sales@earthworksaudio.com
www.EarthworksAudio.com