



STUDIO MONITORING SOLUTIONS

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## KRK SYSTEMS – KEEPING AUDIO REAL

Since its founding in 1986 by film sound engineer Keith Klawitter, KRK Systems has evolved into one of the most sought after and respected manufacturers of studio reference monitors in the world. KRK monitors have a number of distinguishing characteristics — the most notable being the signature yellow woofer found on KRK products. Similarly, KRK Systems also was among the first companies to introduce what, today, is known as active (powered) monitors. By precisely matching the power source with the transducer elements inside the enclosure, KRK monitors effectively eliminate the guesswork of pairing a suitable amplifier with the transducer complement. These design elements, and many more, reflect KRK's total commitment towards delivering highly engineered studio monitor solutions. This has led KRK monitors to be renowned for their extremely realistic sound reproduction and a level of acoustic precision musicians and engineers have come to trust.

The KRK design philosophy revolves around accuracy, transparency, and flat response. The result is a studio monitor that is true to the source and true to the music — ensuring your creative efforts translate well to a wide variety of playback mediums. From superior cabinet design that minimizes the potential for standing waves and other resonances to high performance drivers, precision engineered amplification with audiophile grade components, active crossover filters for seamless integration of the driver components, and special limiter circuitry to protect your investment, KRK studio monitors enable audio engineers to confidently make the critical decisions that impact the music and audio program material the world listens to.

## A SAMPLE OF KRK USERS

Eric Clapton • Sting • Eddie Van Halen • Hans Zimmer • Billy Joel • Ozzy Osbourne • Metallica  
Daniel Porter • Tal Herzberg • Cenzo Townshend • Mike Shipley • Ryan Hewitt • David Bascombe  
Galaxy Studios • Sony Music • Fox Feature Film Division • Abbey Road Studios • Skywalker Sound

# EXPOSÉ

Utilizing state-of-the-art components to achieve a level of clarity and sonic accuracy that is unprecedented, the Exposé™ E8B is the flagship of KRK's product line. The E8B utilizes two discrete Class A / AB power amplifiers — one each for HF and LF — with symmetrical heat sinks built into the sides for cool, reliable operation. This bi-amplified system is perfectly mated to the exceptional transducer complement, consisting of a beryllium and aluminum (AlBeMet) tweeter that takes high frequency performance beyond the physical limitations of more conventional tweeter materials, coupled with a multilayered Kevlar/Rohacell woofer for superior reproduction accuracy. With its stunning, highly functional enclosure featuring thick, non-parallel, internal walls that eliminate standing waves, a non-slip, sound absorbing rubberized base, and magnetic shielding for use in close proximity to video monitors, the Exposé E8B elevates KRK's reputation as a manufacturer of premium studio reference monitors to an entirely new level.

## EXPOSÉ E8B

- 1" AlBeMET (aluminum/beryllium) Inverted Dome Tweeter
- 8" Dual Layer Kevlar/Rohacell Woofer
- Dual 120w Discrete Class A/AB Power Amplifiers\*
- Frequency Response: 40Hz – 30kHz
- Peak SPL: 115dB
- 19.3" x 14.6" x 14" / 491mm x 370mm x 355mm
- 75.6lbs / 34.31 Kg



\*Ratings based on continuous power specifications

VXT 8

VXT

Drawing upon the design characteristics of our Exposé E8B, the VXT Series of monitors consists of three models — the VXT4, VXT6, and VXT8. With a visually striking enclosure design that is equally functional — providing low resonance, improved structural integrity and extended low-end, front slotted ports for reduced port turbulence, plus a sleek curvature that provides excellent imaging characteristics and a wider “sweet spot”— the VXT monitors achieve a new level of precision. The domed tweeter (comprised of true silk for fast transient response) and the new woofer design (with its stiffer, lighter cone that provides low distortion and extended low-end) both have vented formers to remove heat and reduce the effects of power compression — enabling these monitors to maintain their sonic signature. With uncompromising attention to detail that includes tamper resistant switch covers, integrated Omni Mount support and more, the VXT Series is an outstanding choice for a broad range of monitoring applications.

#### VXT 4

- 1" Silk Dome Neodymium Tweeter
- 4" Woven Kevlar Woofer
- 45 watts Bi-amplified Design\*
- Frequency Response: 59Hz to 20kHz
- Peak SPL: 107dB
- 10 1/16" x 7 1/3" x 7" / 25.6cm x 18.6cm x 17.7cm
- 14 lbs / 6.35 Kg

#### VXT 6

- 1" Silk Dome Ferrite Tweeter
- 6" Woven Kevlar Woofer
- 90 watts Bi-amplified Design\*
- Frequency Response: 42Hz to 20kHz
- Peak SPL: 111dB
- 14 1/2" x 10 1/3" x 9 5/8" / 36.8cm x 26.3cm x 24.6cm
- 27 lbs / 12.25 Kg

#### VXT 8

- 1" Silk Dome Ferrite Tweeter
- 8" Woven Kevlar Woofer
- 180 watts Bi-amplified Design\*
- Frequency Response: 40Hz to 20kHz
- Peak SPL: 114dB
- 17 1/4" x 12 1/2" x 11 7/8" / 43.8cm x 31.8cm x 30.0cm
- 41 lbs / 18.6 Kg



\*Ratings based on continuous power specifications

# ROKIT

Consisting of four models — the RP-5, RP-6, RP-8, and RP-10S subwoofer — KRK's Rokit™ powered studio monitors provide precision and performance unrivaled in products of this class. Featuring 1-inch neodymium soft dome tweeters with Ferrofluid for increased thermal power handling and damping performance resulting in clear, natural-sounding highs, and a very tight low-end response from KRK's signature yellow woofer. The RP-5, RP-6, and RP-8 offer several key design elements found in KRK's premium models — many of which have become the "studio standard" for the world's finest recording and broadcast facilities. Complementing these is the RP-10S subwoofer — with a level control, phase switch, and a variable low-pass filter plus pass through capability that makes connection to the monitors effortless. Housed in attractive enclosures with radiused corners for reduced edge diffraction and better imaging, KRK's Rokit Series makes a compelling reference monitor choice.

## ROKIT 5

- 1" Neodymium Soft Dome Tweeter
- 5" Glass Aramid Composite Cone Woofer
- 45 watts Bi-amplified Design\*
- Frequency Response: 53Hz to 20kHz
- Peak SPL: 106dB
- 10 7/8" x 7 1/4" x 8 7/8" / 27.6cm x 18.5cm x 22.5cm
- 16 lbs / 8 Kg

## ROKIT 6

- 1" Neodymium Soft Dome Tweeter
- 6" Glass Aramid Composite Cone Woofer
- 68 watts Bi-amplified Design\*
- Frequency Response: 49Hz to 20kHz
- Peak SPL: 107dB
- 12 11/16" x 8 7/8" x 10 1/2" / 32.1cm x 22.5cm x 26.6cm
- 23 lbs / 11 Kg

## ROKIT 8

- 1" Neodymium Soft Dome Tweeter
- 8" Glass Aramid Composite Cone Woofer
- 90 watts Bi-amplified Design\*
- Frequency Response: 45Hz to 20kHz
- Peak SPL: 109dB
- 15" x 10 7/16" x 12" / 38.1cm x 26.5cm x 30.4cm
- 30 lbs / 15 Kg

## ROKIT 10s

- 10" Glass Aramid Composite Cone Woofer
- Phase & Variable LPF Controls
- 150 watts Bi-amplified Design\*
- Frequency Response: (36Hz – 50Hz) to 130Hz
- Peak SPL: 111dB
- 15" x 14" x 15 11/16" / 38.2cm x 35.5cm x 39.8cm
- 42 lbs / 19 Kg

\*Ratings based on continuous power specifications

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# ERGO

A great mix starts with a great recording room. But when it comes to achieving the most accurate mix, your room may have the upper hand. Like any room, your studio's acoustics include offending frequencies and room reflections, and none of these are helping your mix. Getting a handle on these problems has traditionally meant the installation of soft foam or fabrics, and that's a great start. But now you can get even closer to a perfect room, and a perfect mix, because the future of studio sound is here, and it's called ERGO. ERGO is a digital room analysis/correction system that consists of the ERGO unit, a microphone, and control software. These three pieces are used to measure and analyze phase/frequency problems within a listening environment. ERGO not only corrects for your acoustic environment, it also helps your control environment. Because as much care went into ERGO's ergonomic structure as its correction capability, you have even more control of your mix under just one hand. First a large analog volume control provides ultra-smooth control over all ERGO's outputs. ERGO's independent headphone volume control and speaker switcher are also right where you can find them without a second look. Add FireWire recording interface, S/PDIF input and subwoofer control and you have correction and control all in one small package. Whether you are mixing in a project studio, a tour bus, hotel room, or a professional facility, ERGO in the mix means that the mix will be right... in any environment.

#### ERGO

- 400MHz Blackfin DSP Processor
- RoomPerfect Algorithm Sample Rate - 96KHz
- Room Correction Frequencies 20-500Hz
- S/PDIF In (32KHz-96KHz)
- 118dB SNR and Dynamic Range

#### FireWire Specs

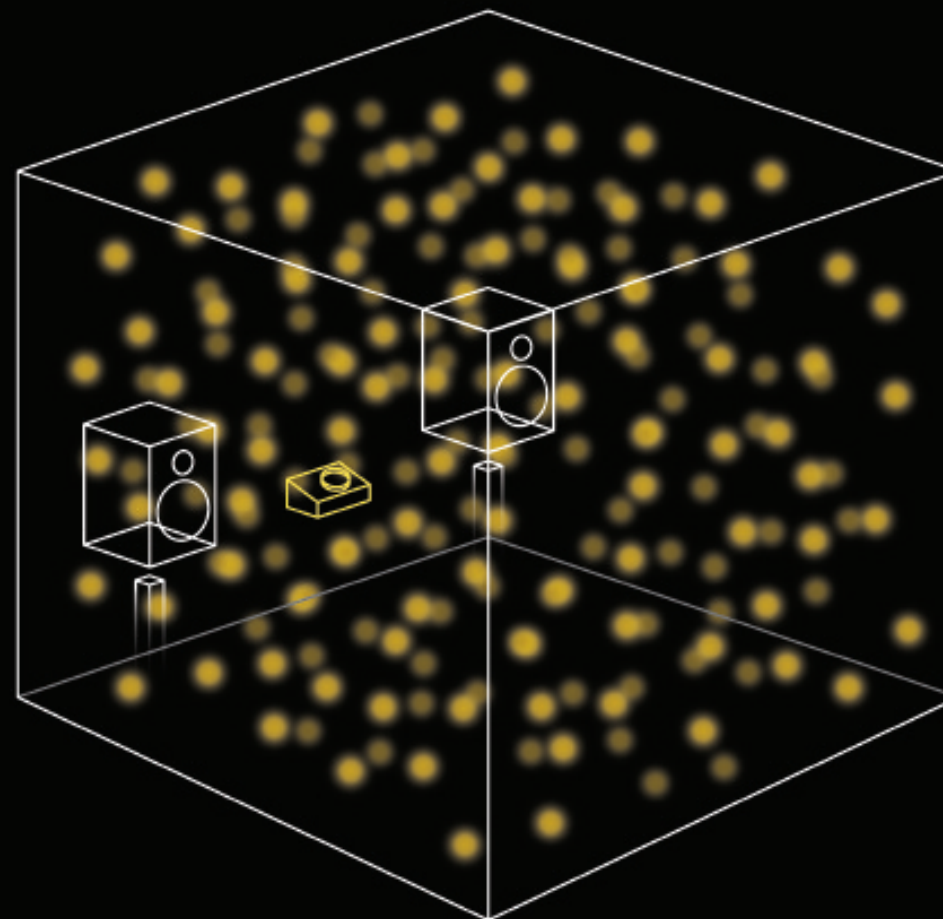
- Mac, WDM, and ASIO Driver Support
- FireWire Recording Interface Capable
- Simultaneous 4 In, 6 Out



"I need the power to control my environment, not have my environment control me."

– Tal Herzberg  
Grammy nominated Producer/Engineer

Tal Herzberg is a Grammy nominated producer/engineer, with recent credits for Christina Aguilera, the Black Eyed Peas, Herbie Hancock, Joss Stone, American Idol, The Pussycat Dolls, and JC Chasez.



## SMARTER THAN YOUR AVERAGE GEAR

Room correction products aren't new, but thank goodness ERGO is. While conventional room correction systems utilize simple analysis and limited bands of EQ (often fewer than 8), ERGO uses multiple measurements and proprietary algorithms to create a 3D image of the room, and then applies 1024 dynamic filters to control the audio environment. Our 3D model allows users to preserve the "good" characteristics of the room, while correcting the bad... ERGO doesn't color the sound or produce an artificially sterile environment. ERGO produces the best mix for a given room; a mix that will translate better to other listening environments, since it was mixed in a "perfect" room.

The sophisticated room analysis and correction system within ERGO, called "RoomPerfect" was developed by Lyngdorf Audio in Denmark after many years of R & D work. The patented algorithm in the system compares many measurements and corrects for phase and frequency problems using thousands of filters, not just a few. The result is the most accurate mix possible.

LYNGDORF

ROOMPERFECT



### ERGO SPECIFICATIONS

<b>Processing</b>	400MHz Blackfin DSP RoomPerfect Algorithm Sample Rate - 96KHz Room Correction Frequencies 20-500Hz 1024 tap FIR filter for room correction
<b>Audio Spec</b>	A/B Speaker Select and Control Stereo Audio-In S/PDIF In (32KHz-96KHz) 118dB SNR and Dynamic Range THD+N -100dB
<b>FireWire Spec</b>	Mac, WDM, and ASIO Driver support FireWire Recording Interface Capable Simultaneous 4 in, 6 out
<b>Mechanicals</b>	Illuminated Controls Measurement Microphone Headphone Output
<b>Dimensions</b>	ERGO: 180mm (7" ) x 55mm (2.2") x 107mm (4.2") Microphone Length: 197mm (7.75")
<b>Weight</b>	ERGO: 610g (21.5 oz)

### ERGO FEATURES

- Large Volume Knob** Ultra-smooth response volume control provides simultaneous control of ERGO's A/B/Sub outputs
- "A" Speakers** Enables or disables the audio being sent to the "A" speakers
- "B" Speakers** Enables or disables the audio being sent to the "B" or subwoofer speakers.
- Room Correction** Turns room correction processing on or off.
- Focus/Global** Our 3D model allows users to preserve the "good" features of the room, while correcting the bad. ERGO also doesn't color the sound or produce an artificial anechoic environment. In Focus mode, ERGO corrects for your monitoring position. This gives you perfectly corrected sound while mixing. In Global mode, the corrected spot is widened so that others (producers, musicians, groupies) can enjoy your mix in a corrected environment.
- Headphone Volume** (side panel) Adjusts the output level of the headphone jack. The headphones have their own independent audio stream, or can mirror the A stream.
- Calibration Switch** (back panel) this enables the room calibration microphone and places ERGO into analysis mode.

# A COMMITMENT TO DESIGN

When we design our products we always start with the question "what does the customer really want?" The usual terms get thrown around like accuracy, reliability, precision, and many more marketing buzzwords. Important words about what the product should be... but not necessarily speaking to what users really need. A product they can trust! Engineers and Artists need products they can put their faith in. Ones that deliver a true acoustic interpretation of the mix. Sounds Simple... but it isn't so simple when it comes to these complex designs.

At KRK we take design and performance very seriously. If it's not right... it won't go to market... period! That is the kind dedication we pour into every product. And we do that because we know our customers have come to trust us for that. We know they are dedicated to their music and the products they use deserve the same design dedication. This "design first" mentality is what the company was founded on and has helped KRK become an industry leader in this highly specialized market.

Great sound doesn't start with the studio, the microphone or the latest wiz-bang sampling device. It starts in the heart, and it starts with the truth — the very essence of the KRK design philosophy. This is why we come to work everyday. To deliver products that are true to the legacy that KRK was founded on.

Larry Altman  
Senior Systems Engineer – KRK





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