

KOI[®]



TIGER

Powered Speaker System

An Extraordinary Speaker System

The KOI® Tiger is very compact, yet delivers sonic performance of such high caliber that first-time listeners invariably express disbelief. The Tiger's unusual combination of small size, high sound quality, and high build quality makes it an ideal speaker system for applications ranging from high-end consumer to professional monitoring.



A Better Tiger

The latest KOI Tiger System (Type 2) builds on the tradition of innovation and sonic excellence established by the original Tiger, which, today, continues to serve the most demanding music and audio industry professionals.

The upgraded design of the new Tiger yields...

- superior sonic performance from satellite speakers that are 30 percent smaller (by internal volume) than those of the original Tiger.
- improved efficiency and dynamic range through the use of the latest-generation KOI HQ driver, featuring a new magnet system that significantly reduces eddy current loss.
- deep, powerful, natural-sounding bass from a remarkably compact subwoofer—the result of a refined, proprietary KOI passive-radiator-based design.
- exceptional musical accuracy and easier setup afforded by a new, dedicated control/amplifier unit incorporating exclusive KOI Human PsychoAcoustic® technology.



Design Background

The basic physics underlying the acoustical behavior of loudspeakers has been well understood for decades. However, there is much room for development in the understanding and application of psychoacoustics—the human perception of sound.

KOI has extensively sampled music sources, measuring energy spectra and environmental sound, applying the data to optimize perceived performance. KOI Human PsychoAcoustic technology is patent-pending.

KOI technology emulates ideal point sources of sound using smaller drive units. Our unique designs deliver “virtual orchestra” sound reproduction—spatially and spectrally accurate in just about any room and any listening position.

The Tiger Satellite

The satellite speakers feature the unique KOI HQ driver—the world's smallest transducer capable of full-range reproduction. It is characterized by exceptionally smooth amplitude response, high power handling, high SPL capability, and high reliability thanks to patented KOI technologies.

Performance is augmented by a side-mounted passive radiator, which is tuned using a proprietary algorithm. It maximizes acoustic efficiency while optimizing spectral output.

The driver and passive radiator are precision-mounted in a compact, elegantly styled, zinc die-cast enclosure with unique physical characteristics that further promote uniform response and prevent unwanted resonant behavior.

The Tiger satellites deliver wide energy dispersion for superior stereo reproduction over a wide listening area. They are magnetically shielded, enabling use near computer and TV monitors. Provided in mirror-image pairs, they ensure precise stereo imaging.

The Tiger Amplifier

The control/amplifier unit incorporates KOI Human Psychoacoustic technology, efficiently delivering the precisely needed

power to the satellite speakers and the subwoofer. The high-performance amplifier creates robust acoustic output with minimal power consumption.



It accommodates a wide variety of input sources with convenient rear and front panel connectors, including a DC power port for MP3-type players. Its sleek, compact design enables the Tiger system to be easily installed and integrated in just about any listening environment.

The Tiger Subwoofer

Advanced KOI technology produces smooth, natural-sounding bass from a surprisingly compact cabinet that can be placed just about anywhere in the room. The deep, tight bass output is fully capable of meeting the demands of a wide range of music spectra. The elegant, small-footprint design provides numerous placement

options to minimize living/working space intrusion.



Specifications

Dimensions* (WxHxD):

Satellite	3.0 x 3.2 x 6.2 in. 75 x 80 x 156 mm
Subwoofer	7.9 x 9.5 x 13.7 in. 200 x 240 x 347 mm
Amplifier	9.1 x 2.0 x 5.2 in. 230 x 50 x 130 mm

Weight:

Satellite	2.5 lb. / 1.2 kg
Subwoofer	11.3 lb. / 5.1 kg
Amplifier	2.3 lb. / 1.1 kg

Power Requirement:

100V, 120V, or 220-240V AC, 50/60 Hz, according to country of sale

Power Consumption:

35 W

*Dimensions do not include protruding parts.

All features and specifications are subject to change without notice.

KOI®

KOI, Inc. • 10 Mountainview Drive • Framingham, MA 01701 • USA
508-877-3440 • www.koiaudio.com • ©2007 KOI, Inc. • All rights reserved.
KOI and Human PsychoAcoustic are registered trademarks of KOI, Inc.
All other trademarks are the properties of their respective owners.
v.1.3 082407