

**KOI**®  
**TIGER**

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Professional Powered Mini-Monitor  
Speaker System

# **OWNER'S MANUAL**

## Thank you

...and congratulations.

The KOI Tiger is a limited-production professional-quality mini-monitor that represents the state-of-the-art in compact speaker system design. It is the product of many years of advanced amplifier, transducer, and enclosure development plus extensive research into psycho-acoustics.



Please take a few minutes to read this manual. With proper use and care, your KOI Tiger will provide you with many years of reliable service and superior musical enjoyment.

## CAUTION

### Risk of electrical shock. Do not open.



To reduce the risk of electrical shock, do not attempt to open or disassemble. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.



## IMPORTANT

### Safety Instructions

1. Follow all instructions and observe all warnings.
2. To avoid shock or fire hazard, do not expose the product to rain or moisture.
3. Do not install the product in an unventilated enclosure.
4. Do not install the product near sources of excessive heat, such as radiators and other heat-producing equipment.
5. Do not connect to any power source other than that specified on the product.
6. Power cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs and convenience receptacles.
7. Care should be taken to avoid the spilling of liquids or the entry of foreign objects into this product.
8. Do not attempt to operate this product if it has been dropped, damaged, exposed to liquids, or otherwise exhibits a distinct change in performance indicating the need for service.

## Components

After you have unpacked the carton, check to make sure it contains the following items:

- Tiger subwoofer unit
- Tiger left and right satellite speakers
- AC power cord
- 3 ft. input adapter cable (dual female phono to single male stereo miniplug, stereo shielded)
- 9 ft. stereo input interconnect cable (dual male phono to dual male phono, stereo shielded)
- Two flat speaker cables, 10 ft. and 14 ft., for satellite to subwoofer connection (male phono to male phono, unshielded)

Please contact KOI immediately if any of the above items were not found in the carton.

## Features

### The Tiger Mini-Satellite...

- employs KOI's unique HQ driver—the world's smallest transducer capable of full-range reproduction.
- delivers high power handling, high SPL capability, and high reliability thanks to patented KOI technologies.
- features a compact, lightweight, elegantly styled enclosure with unique physical characteristics that further promote uniform response and freedom from standing waves.
- avoids localization in the room and delivers wider energy dispersion for better stereo in all listening locations.
- is magnetically shielded for use near computer and TV CRT's.
- can be easily mounted on any wall or ceiling.
- features sophisticated, modern styling that complements virtually any household décor.

### The Tiger Subwoofer...

- uses advanced KOI technology to produce smooth, natural-sounding bass from a surprisingly compact cabinet that can be placed just about anywhere in the room.
- features a high-reliability IC amplifier module that utilizes the high air movement velocity generated by KOI's patented Synchro-Balance-Bass "V-port" for efficient cooling without a bulky heat sink.
- delivers deep, tight bass, fully capable of meeting the demands of a wide range of music spectra.
- features an elegant, small-footprint design to minimize living/working space intrusion.

## Placement

The advanced acoustic design of the Tiger makes component placement non-critical—any reasonable location of the satellites and subwoofer will yield superb stereo reproduction in most listening rooms.

### Satellites

The compact KOI Tiger satellites can be placed in just about any available space in your room. Ideally, they would be placed along a common wall at the same height. For critical monitoring (close-field) applications, the satellites should be approximately at ear level.

The satellites can be placed on shelves, on equipment racks, in wall units, over mixing consoles, etc. They can be placed as near or far from room boundaries as desired.

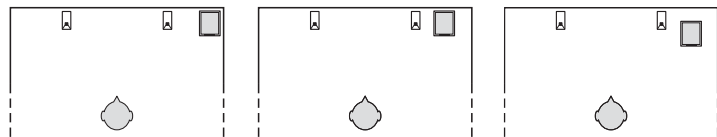
A mounting bracket is available as an optional accessory. Please contact KOI for more information.



Although the Tiger satellites are supplied in mirror-image pairs, there is no “rule” as to which should be left and right. In critical monitoring applications, you may notice subtle differences, depending on the listening environment and source material. For example, facing the passive radiators (covered by the grille on the side of the satellite) “inward” toward each other may result in a more focused stereo image. Conversely, facing the passive radiators “outward” toward the side walls, may result in a wider, more spacious soundstage presentation. You are encouraged to experiment.

### Subwoofer

Like the satellites, the Tiger subwoofer can be placed within the listening room with great flexibility. As the acoustic output from the subwoofer is nondirectional, it is not necessary to have it centered between the two satellites. In fact, the two satellite-to-subwoofer speaker cables supplied are intentionally different in length to accommodate placement of the subwoofer to one side.



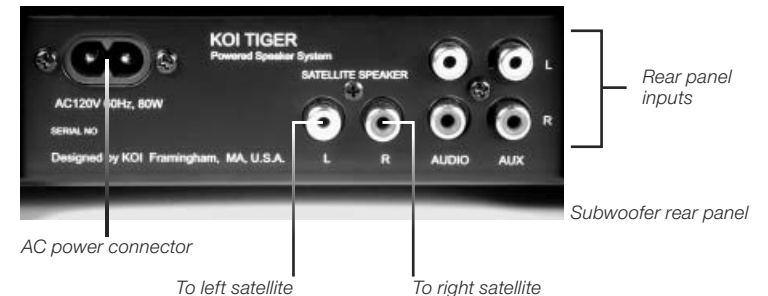
The bass performance will be affected by the location of the subwoofer within your room, especially with regard to distances from room boundaries. The closer the subwoofer is placed to a room corner, the greater the perceived bass output. You should experiment with its location—in conjunction with adjustment of the **bass level control** on the front lower panel of the subwoofer (see photo at right)—to achieve the most natural bass reproduction and overall balance.

## Connections

Perform all audio connections with the Tiger’s AC cord unplugged.

### Satellite To Subwoofer

Use the flat speaker cables supplied with your Tiger system to connect the satellites to the subwoofer unit. These cables can be affixed to the wall using double-sided adhesive tape and painted to render them virtually invisible.



If necessary, you can purchase longer speaker cables pre-wired with RCA-type phono connectors at most electronics supply stores, such as Radio Shack. Do **not** use shielded cables for this purpose as they may adversely affect audio performance.

### Input

The Tiger accommodates just about any audio source. You can connect the Tiger to personal portable CD, MiniDisc, or tape players, MP3 players, mini-component and portable stereo systems, component CD and DVD players, televisions, personal computers, game consoles, MIDI instruments and modules, mixing consoles, recording devices, and many other sources.

NOTE: Some sources, such as mini-component and portable stereo systems, have no line-level outputs—only speaker outputs. If you plan to connect the Tiger to such a high-level source, you should use an adapter (attenuator) designed to protect the input from overload. If you need such an adapter, please contact KOI for more information.



There are three sets of stereo inputs on the Tiger. The **Line** input on the front panel and the **Aux** input on the rear panel of the subwoofer are recommended for use with most consumer audio equipment. The **Audio** input on the rear panel is better suited for pro audio equipment with standard 0dBu (.775V) line-level output.

## Connections

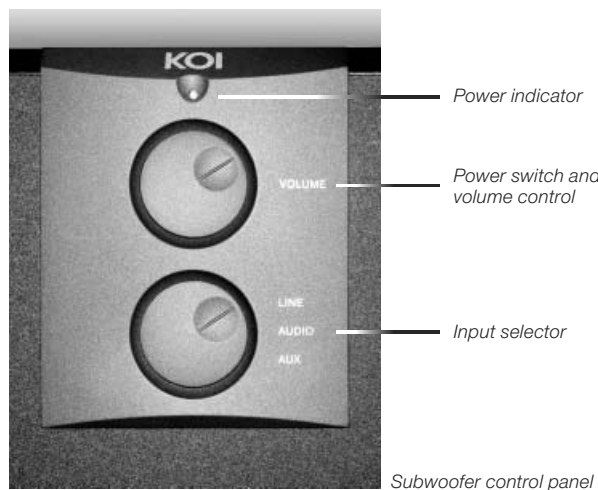
[continued]

If you have the choice between using low-level ("line") outputs or higher level (e.g., headphone) outputs on any source device, choose the former as they will likely provide a cleaner, better-sounding signal.

You can have all three sets of inputs connected to different sources at the same time. You will be able to switch among the sources using the Tiger's input selector control (see below).

### AC Power

After you have made all satellite and input connections, plug the female end of the supplied AC power cord into the matching connector on the back panel of the Tiger subwoofer. Make sure the power switch/volume control on the front is in its **OFF** position (pointing upward). Then, plug the other end of the power cord into a wall outlet.



## Operation

Turn the Tiger system **ON** by rotating the power switch/volume control clockwise just past the "click." The LED power indicator will light to indicate the system is ready for operation. Leave the volume control at minimum initially.

Make sure the input selector is set correctly, corresponding to your connected source. Then, start playing your music source. If the source component has its own volume control, advance it partially. Now gradually turn up the volume control on the Tiger. For best results, find a setting of the volume control on the source component that gives you the desired range of adjustment with the Tiger's volume control.

Set the bass level control on the lower front panel to achieve a natural, balanced sound. For more information, please refer to the section on subwoofer placement on page 4.

## Care

No special maintenance procedures are required for the KOI Tiger.

Should dust accumulate at the vent openings near the bottom of the subwoofer, use a vacuum cleaner with a crevice attachment to remove the dust and restore free airflow.

If you wish to wipe the surfaces of the satellites or subwoofer, do so only with a clean, soft, dry cloth. Do not use solvents or detergents.

## Warranty

KOI, Inc., warrants to the original purchaser of the Tiger speaker system that the product is free of defects in material and workmanship for a period of one (1) year from the date of purchase.

With respect to defects, KOI, Inc., will, at its sole option, replace or repair the defective part in the product with no charge to the original purchaser for parts or labor.

Proof of purchase in the form of a bill of sale or receipted invoice substantiating that the unit is within the warranty period must be presented to obtain warranty service.

The warranty for KOI products is valid only in the country to which they were originally shipped, through the authorized KOI distributor for that country, and at the factory. There may be restrictions on or changes to KOI's warranty because of regulations within a specific country. Please check with your distributor for a complete understanding of the warranty in your country.

The provisions of this warranty are in lieu of any other written warranty, whether expressed or implied, written or oral, including any warranty of merchantability or fitness for a particular purpose. KOI's maximum liability shall not exceed the actual purchase price paid by you for the product. In no event shall KOI be liable for special, incidental, consequential or indirect damages. Liabilities for normal wear and tear, accident misuse, and unauthorized modifications are specifically excluded.

This warranty gives you specific legal rights, and you may also have other rights which vary from country to country or state to state. Some places do not allow limitations on implied warranties or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

# Specifications

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**Model  
Designation:**

KOI Tiger Professional Powered Mini-Monitor Speaker System

**Active Driver  
Complement:**

Satellites (each)

One KOI proprietary HQ full-range driver,  
approx. 2.8 sq. in. / 18 cm<sup>2</sup> radiating area

Subwoofer

One KOI proprietary bass driver,  
approx. 4.7 in. / 12 cm diameter

**Input Sensitivity:**

250 mV (Line and Aux inputs)

775 mV (Audio input)

**Dimensions\*  
(WxHxD):**

Satellites (each)

2.9 x 3.1 x 7.0 in. / 74 x 79 x 178 mm

Subwoofer

8.7 x 13.8 x 10.0 in. / 220 x 351 x 254 mm

**Weight:**

Satellites (each)

3.5 lb. / 1.9 kg

Subwoofer

14.0 lb. / 6.4 kg

**Power  
Requirement:**

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

**Power  
Consumption:**

Approx. 5 W at idle

\*Dimensions do not include protruding parts.

All features and specifications are subject to change without notice.

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