

Active Driven Systems

K-RIG





Introduction

Over a decade ago KV2 Audio introduced a compact yet incredibly high output system called ES. This modular, scalable system has received worldwide acclaim and has developed an outstanding reputation in the market for a small footprint, extreme output system.

The K-RIG has been developed to follow in the footsteps of the ES system delivering the same easy plug and play, ground stack, setup features and of course - unbelievable output. We stripped back and simplified the K-RIG's design to make it as affordable as possible and believe that nothing will match it in a price vs. performance comparison.



The K-RIG consists of the KT2.0 fully horn loaded mid/high module, KT2.15 sub bass cabinet and the K-PAK2600 proprietary amplification and control system. It is a fully active with three amplifiers in the K-PAK driving the bass, mids and highs. This allows for optimal control, protection and output from each of the system components. The end result will astound you.

The K-RIG is ideal for the small to medium production market and DJ sector. It provides the perfect solution for venues, bands and DJs that want to take that next step up to a system that can truly deliver high quality and output to up to 1000 people.

While smaller active systems may perform adequately at certain levels they all run out of punch when it comes to covering large crowds. As the level increases the dynamic range disappears and you end up with a distorted flat sound with little depth.

The K-RIG will remain dynamic and punchy up to levels twice that of most conventional top box and sub configurations. Designed and manufactured in Europe, K-RIG is quick and easy to setup, incorporates the highest quality components and will deliver incredible results night after night. It will rock your world at a price that won't rock your budget.



KT2.0 Mid/High Module

The KT2.0 is the Mid High Module for K-RIG. Its two-way horn loaded design provides optimal output and coverage that far exceeds that of a normal frontloaded 12 and horn box or a number of small line array elements. It consists of a horn loaded high power 12" mid bass speaker with integral phase plug and a 2.5" titanium diaphragm compression driver on an 80° H x 40° V constant directivity, wide dispersion horn. The KT2.0 is driven and controlled by two channels of the K-PAK controller amplification system and must be used with two KT2.15 bass speakers. It is constructed of poplar to reduce weight for ease of stacking and coated in a heavy-duty, wear resistant polymer coating.

KT2.15 Sub Bass Module

The KT2.15 is the Bass Module for K-RIG. Its asymmetrical band pass design provides optimum output and definition in the low frequency range. It incorporates two 15" high power, bass speakers housed in separate chambers of a Baltic Birch cabinet with a heavy-duty wear resistant polymer coating. The KT2.15 can be stacked horizontally or vertically to achieve the optimum listening height for the KT2.0 Mid High Module. Two KT2.15s are used with each single KT2.0 for maximum output power from the K-PAK and balanced sound reproduction.



System Acoustic Performance

	KT2.0		KT2.15
Max SPL Long-term	132dB	Max SPL Long-term	130dB (133dB 2 Units)
Max SPL Peak	135dB	Max SPL Peak	133dB (133dB 2 Units)
-3dB Response	(+ 2x KT2.15: 42Hz) 180Hz to 18kHz	-3dB Response	42Hz to 180Hz
Crossover Point	180Hz / 1.4kHz	Impedance	8Ω
Dimensions H/W/D	852 mm (33.54") x 550 mm (21.66") x 375 mm (14.76")	Dimensions H/W/D	1000 mm (39.37") x 550 mm (21.65") x 570 mm (22.44")
Weight	40 kg (88.2lbs)	Weight	61 kg (134.5lbs)

K-PAK 2600 Amplification & Control System

While the K-PAK may not look like a conventional amplifier its design actually works far more effectively than most rack mount competitors. Amplifiers and processors used in mobile applications require expensive, shock mounted road cases to ensure they are protected and remain reliable. Most road cased amplifiers run extremely hot due to the lack of airflow around the heat sinks and the fact that they are often stacked together in multiples.

The K-PAK does away with these problems and extra expense by providing a full shock mount road case that houses the actual amplifiers and control circuits and a huge convection heat sink that ensures the electronics do not overheat. This protects your investment, ensures maximum reliability and saves you hundreds of dollars normally spent on extra road cases.



K-PAK 2600

The K-PAK 2600 is the amplification and control system for K-RIG it incorporates three amplifiers which each drive the bass, mid and high frequency components. All crossover points, equalization and protection are incorporated into this single plug and play unit. Level adjustments

are available for the lows and highs, as well as a bass character switch, which varies the low extension on the subs. A special harmonics circuit restores high frequency harmonics lost through digital sampling providing great clarity and intelligibility.

KPAK2600	
High Frequency Amplifier	
Type	Class AB Push-Pull low inter-modulation Mosfet design with transformer balanced output
Rated Continuous Power	200W
Distortion	<0.05%
Operating Bandwidth	1.4kHz to 20kHz
Mid Frequency Amplifier	
Type	Class AB, High efficiency, Switch mode, Low intermodulation design
Rated Continuous Power	500W
Distortion	<0.05%
Operating Bandwidth	180Hz to 1.4kHz
Low Frequency Amplifier	
Type	High efficiency, Low frequency, Current-enhancing switch mode
Rated Continuous Power	1800W
Distortion	<0.05%
Operating Bandwidth	20Hz to 200Hz
Dimensions H/W/D	719 mm (28.30") x 478 mm (18.81") x 305 mm (12.00")
Weight	38 kg (83.78lbs)





Watch our product videos on **You Tube** .
www.youtube.com/c/KV2Audiocom

