



Description

Invisible solutions are the cornerstone of the K-array brand. To meet clients' everchanging needs, we often need to change direction to align with our true north, which is why we have created the Azimut. Composed of two 10cm-long Lizard loudspeakers, an ultra-compact Rumble-KU44-2 subwoofer, a 10x10x2 Kommander-KA02 amplifier and a covert remote control, the Azimut is a complete audio solution in a miniature package. Not only is this system the most discreet professional audio solution on the market, it was developed with the end user in mind. In addition to balanced analog inputs and fiber optical input, the Azimut boasts plug and play capabilities with Bluetooth connectivity, USB ports and mini jack input. Hundreds of thousands of songs are available to you through onboard Spotify and Web Radio streaming by connecting to the Azimut app over Wi-Fi. The app also provides the possibility to manage all the functions of the amplifier, from sound source selection and playlist management to graphic equalization and multi-room network setup. The mid-high speakers with four 0.5" transducers form ultra-micro line arrays that deliver long throw and homogeneous coverage with crystal clear audio. Housed in a durable and resistant aluminum enclosure, the four full-range, high-efficiency driver units have neodymium magnet structures and suspensions engineered for maximum linear excursion and minimum residual transducer noise. The two Lizards produce an impressive SPL and have a very wide horizontal coverage for such a small form. However, when more coverage and power is needed

the Azimut has modular capabilities and can expand by up to an additional six Lizard loudspeakers. By combining the two Lizards with the Rumble-KU44-2, the system creates full range frequency response with prodigious output and a virtually invisible profile. Only 10cm deep, the subwoofer provides an extremely powerful low-end that can be easily integrated in its surroundings, including furniture and walls. The Azimut system is equipped with a wired remote control that shares the same physical characteristics of a Lizard loudspeaker for a homogenous look and allows volume control and Bluetooth management. A wireless controller option is available with an additional capability to manage playlists. And when more rooms are equipped with the Azimut system, a LAN network can be created to control them all at once by selecting one system as master and the others as slaves. Made of premium materials, the aluminum loudspeakers and stainless-steel sub make the system extremely resistant, even when deployed outside in tough weather conditions. They are impenetrable by foreign objects like dust, sand or water, which over time can damage an ordinary audio element. The Azimut is designed for discreet use in a variety of intimate environments, ideally retail where the system can easily integrate within the layout of the store without detracting from the visual merchandising, display and store design which are vital to enhancing the look, image and accessibility of a store's goods and services. Other suggested applications are restaurants, cafés and bars and museums.

Colors		Premium Finishes		Features		Frequent Applications	
Black	●	Gold	●	Complete Audio Solution	Remote Control	Retail	Fitness & Wellness
White	●	Polished	●	Plug & Play	Dedicated Control App	Hotels & Resorts	
RAL	●	Brushed	●	Bluetooth Connectivity		Restaurants, Cafes & Bistros	

Accessories							
RACK-MOUNTING ACCESSORY							

Technical Specifications

General	
Type	Complete full-range audio solution with stand-alone amplifier
Components	1x Kommander-KA02 amplifier, 1x Rumble-KU44-2 subwoofer, 2x Lyzard-KZ14 ultra miniaturized line-array element w/cable
Frequency Response	45 Hz – 19 kHz (-10dB)
Sensitivity	Subwoofer: 87dB SPL, Mid-high speakers: 82dB SPL
Rated Power	400 W AES, 0,1% THD (1600 W peak, 0,1% THD)
Maximum SPL	Subwoofer: 100dB SPL (continuous) - 106dBSPL (peak) Mid-high speakers: 92dB SPL (continuous) - 98dBSPL (peak)
Coverage	Subwoofer: omni, Mid-high speakers: 140° Horizontal – 20° Vertical
Maximum analog input level	BAL input (+4 dBu) max input level @ 3,20 V, unBAL input (-10 dBV) max input level @ 2,24 V,

Internal Processing	
Input sample rate and resolution	Up to 96 kHz @24 bit with internal SRC and jitter correction
Built-in DSP	Remote control with dedicated APP for setting levels, equalization, signal distribution and wireless connectivity

Internal amplifier module	
Type	4 ch. switching-mode, class D
Peak output power	4 x 50W @ 4Ω - 10% THD
AC input operating range	Dedicated AC/DC power adapter 100 – 240V ~ AC, 50 - 60Hz 24 V, 5A DC output
Protections	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
Mains connector	5,5 mm DC 24 V, 5A

Controls and Connectivity	
Controls	Wired remote control for main playback and power management, Dedicated App for wireless remote control
Connectivity	Signal input: 3,5 mm jack unBAL analogue stereo input, 2x MC 1,5/ 3-ST-3,81 BK Phoenix BAL input Optical Toslink digital input GPIO: MC 1,5/ 5-G-3,81 BK Phoenix connector Data:4x USB-A 2.0 1x RJ45 Ethernet Wireless: Bluetooth 4.1 Low Energy Wi-Fi IEEE 802.11 b/g/n

Physical Overview	
Dimensions	Mid-high: 10.0 x 2.2 x 1.2 cm (3.9 x 0.8 x 0.4 in) Subwoofer: 11.6 x 50.0 x 10.1 cm (4.6 x 19.7 x 4.0 in) Amplifier: 4.6 x 14.4 x 14.4 cm (5.7 x 1.8 x 5.7 in) Remote: 10.0 x 2.2 x 1.2 cm (3.9 x 0.8 x 0.4 in)
Weight	Mid-high: 0.065 kg (0,14 lbs) Subwoofer: 5.2 kg (11.46 lbs) Amplifier: 0.5 kg (1.10 lbs) Remote: 0.045 kg (0.10 lbs)