KN105

High technology self-powered steel Skin subwoofer

Features:

- Unique performance-to-size ratio
- Self-powered
- · Integrated DSP and remote control
- Direct radiating, long excursion 10" drivers
- · Integrated connection hardware
- Ultra strong steel shell

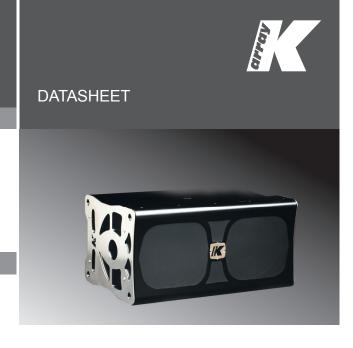
Applications:

- · Theatrical sound reinforcement
- · Concert halls, clubs, and houses of worship
- Installed audio-visual systems
- Cinema surround sound and effects
- Compact voice reinforcement



The KN10s is a high performance self-powered sub-bass speaker designed for use with the K-array KN6 and other small to medium format speaker systems in both touring and installation applications.

The compact and strong stainless steel chassis contains two 250 watt 10" transducers with Neodymium magnet structures and suspensions engineered for maximum linear excursion,





each powered by a dedicated D class amplifier. Large area porting eliminates turbulent air noise.

The KN10s is ideal for medium throw applications in theaters, concert halls and AV installations.

All KN10s components are designed by the K-array R&D department and custom made under K-array quality control systems.

	KN105
	Acoustics
Power handling	2 x 250 w ^(AES)
Maximum amplifier power	2 x 500 w ^(EIAJ)
Impedance	2 x 4 Ω
Operating frequency range	30Hz - 150 Hz +/- 3dB (preset dependent)
Frequency range	40Hz - 150 Hz +/- 3dB (preset dependent)
SPL 1W/1mt	95 dB
Maximum SPL	124dB continuous - 130 dB peak
	Coverage
Horizontal	Omni
Vertical	Omni
	Crossover
Туре	DSP controlled
Frequency	150 Hz minimum (preset dependent)
	Transducers
Low - Mid frequency	2 x 10" Neodymium speakers with 2" voice coil
High frequency	male + female parallel 3-pin balanced XLR
	Audio Input
Connectors	male + female parallel 3-pin balanced XLR
Wiring	PIN1= ground PIN2 = hot PIN3 = cold
	Power Input
Connector	1 x PowerCon
	Amplifiers
Туре	1 module class D - DSP controlled
Power (woofer)	350 + 350 Watt ¹
Protection	Dynamic limiter, over current, over temp, short circuits
	AC power
Operating range	85 - 270 Vac 50/60Hz autorange
Max continuous and burst current	140VA(>10 sec) - 700VA (<1 sec) autorange
	Physical
Dimensions	50.5 x 33.5 x 28 cm (19.88"x 13.19"x 11.02")
Weight	17 Kg (37.48 lbs)
	Notes for data 1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the

Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance.

New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this brochure.