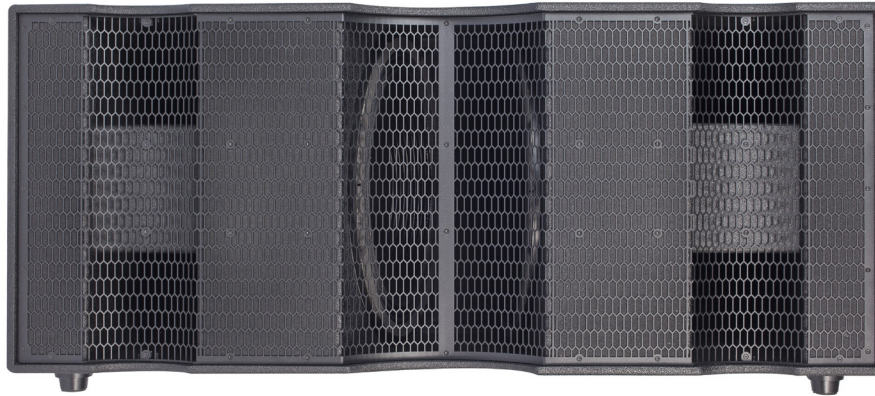


KS8

2 x 21" self-powered subwoofer with IPAL® technology



DESCRIPTION

KS8 is a compact, self-powered, weather resistant subwoofer providing an exceptional peak output of 148 dB SPL.

KS8 features IPAL® technology, including a powerful amplifier module, a differential pressure sensor, a "zero latency" DSP and two 21" specifically designed high-efficiency transducers.

The IPAL® technology allows to correct the intrinsic uncertainties of the acoustical system in real time for state of the art performances. System linearity is guaranteed by a feedback correction based on a differential pressure control method. The integrated DSP ensures an astonishing 10 μ s (microseconds) latency on the critical feedback paths allowing "analog type" feedback approach with the flexibility of a DSP core.

The KS8 subwoofers are also integrated in the simulation software EASE Focus to give endless possibilities of configuration for example; cardioid or virtual arc and whatever the venue will require.

ACCESSORIES

K8-BOX, K8-CASE1, K8-COVER, K8-PWCABLE5, K8-PWCABLE0-6, K8-PWCABLE1-5, K8-PW10, K8PW25, K8-SIG2, K-8SIG10, K8-SIG25, K8-SIGIN, K8-SIGOUT, K8-FLY24, KS8-DOLLY, KS8-PWBOX3



	ACOUSTICS
Speaker power handling	4500 W ^(AES)
Max Power	9000 W ^(AES)
Frequency range	25 Hz – 150 Hz ⁽¹⁾
SPL 1W/1mt	101 dB ⁽²⁾
Maximum SPL	148 dB ⁽³⁾
	TRANSDUCERS
	2 X 21" Neodymium magnet woofer with 5.31" voice coil
	REMOTE CONTROL + AUDIO IN/OUT
Connectors	1 Male + 1 Female LK25 connector (IP67)
Connection	1 Analog audio - 2 AES/EBU - Remote control over IP
	POWER IN/OUT
Connectors	1 PowerCon TRUE1 (IP67)
	Amplifier
Type	Switch mode fixed frequency PFC power supply IPAL mode
Peak Output Power	8500 W ⁽⁴⁾
Protection	Excursion limiter, current & power limiter, current clamp, clip limiter, Brownout limiter, thermal
	AC POWER
Nominal voltage	100 - 240 Vac ± 10%, 50/60 Hz with PFC
Operating range	85 - 265 Vac
	CONSUMPTION
Efficiency	95% (typical)
1/8 rated power (pink noise)	400 VA
	IP CERTIFICATION
Electronics	65
Speaker box	45
	PHYSICAL
Dimensions	142 cm x 60 (+5) ⁽⁵⁾ cm x 77 (+13.5) ⁽⁶⁾ cm (55.90" x 23.62" (+1.97") ⁽⁵⁾ x 30.31" (+5.31") ⁽⁶⁾)
Weight	148 kg (326.28 lb)

Notes for data

1. With dedicated preset
2. Measured @ 4m then scaled @1m
3. Measured with musical signal
4. Max RMS power
5. Removable rubber feet
6. Removable castor wheels

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

