

K
array**Redline****KR100S**

K-array is the new voice that sings aloud, "outside the chorus", and whose performance is better than any other products. Born on-the-road, in the PA world, where you get no discount, you have to give your best as fast as you can, often with a "compressed" budget, K-Array systems have been designed to give precise answers to precise needs.

K-Array systems are driven by new generation digital engines, with power/dimension/weight ratios that are ten times better than any other professional products; these systems can be remotely controlled and come with a lot of on-board software.

K-array systems can shape their performance following your taste and needs. Inside K-array systems you will find something that only K-array can offer: the best in technology, proudly conceived, designed and produced in Italy. If they were cars, they would be Ferrari.

Don't agree to pay for a simple brand, claim performance, and don't believe those who maintain that these products are only for few people, the only truth is that K-array systems are unique, but affordable and within everybody's reach!

HP Sound Equipment

The **KR100S** is a high performance ultra-slim powered two way system designed for use with small to medium wavefront systems, in both mobile and install applications. The **KR100S** includes two KL12ma powered subwoofers and 2 KR100 1mt line array satellites.

The **KL12ma** features a 1000 watt 12" drive unit with magnet structure and suspension engineered for maximum linear excursion.

The ultra-light reflex cabinet is fitted with two pocket handles and one 35mm pole mounting point for easy installation with every satellite speaker on it. It features large area porting to reduce air noise. The **KR100S** ultra-slim satellite features a line array of 2" high efficiency drive units with neodymium magnet structure and suspensions engineered for maximum linear excursion and minimum noise problems. The ultra-strong chassis ensures high resistance and durability also with hardest work conditions. All the **KR100S** components are designed by **K-array** R&D department and custom made under **K-array** control quality system.



SAFETY INSTRUCTIONS



- To reduce the risk of electric shock, disconnect the loudspeaker from the AC mains before installing audio cable. Reconnect the power cord only after making all signal connections.
- Connect the loudspeaker to a two-pole, three wire grounding mains receptacle. The receptacle must be connected to a fuse or circuit breaker. Connection to any other type of receptacle poses a shock hazard and may violate local electrical codes.
- Do not install the loudspeaker in wet or humid locations without using weather protection.
- Do not allow water or any foreign object to get inside the loudspeaker. Do not put objects containing liquid on, or near, the unit.
- To reduce the risk of overheating the loudspeaker, avoid exposing it to direct sunlight. Do not install the unit near heat emitting appliances, such as a room heater or stove.
- This loudspeaker contains potentially hazardous voltages. Do not attempt to disassemble the unit. The unit contains no user serviceable parts. Repairs should be performed only by factory trained service personnel.



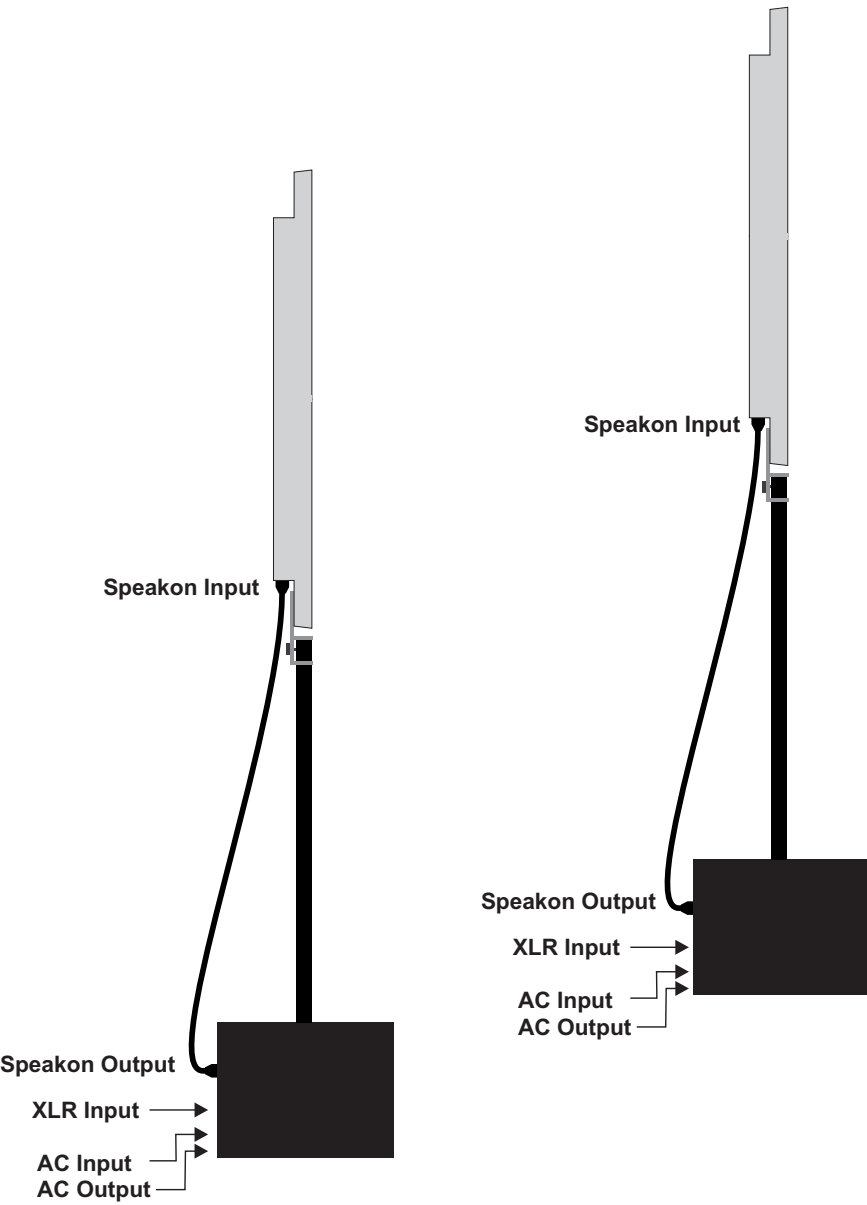
Acoustics	
Power handling	500(sub) + 250(sat) w ¹
Max power	1000(sub) + 600(sat) w ²
Impedance	4Ω(sub) + 8Ω(sat)
Operating frequency range	40Hz - 19 KHz +/- 3dB (preset relating) ³
Frequency range	35Hz - 19 KHz +/- 3dB (preset relating) ⁴
SPL 1W/1mt	98.5 dB(sub) 98 dB(sat) ⁵
Maximum SPL	124dB continuous - 130 dB peak ⁶
Cross over	
Type	DSP controlled preset relating
Frequency	150 Hz minimum (preset relating) ⁷
Transducers	
Low frequency	1 x 12" Neodymium speakers with 3" voice coil
High frequency	16 x 2" Neodymium speakers with 0,75" voice coil
Audio Input	
Connectors	male + female parallel 3 poles balanced XLR
Wiring	Pin1 = ground / Pin2 = hot / Pin3 = cold
Audio powered Output	
Connector	Female Speakon
Wiring	Pin1+ = CH1+ / Pin1- = CH1- / Pin2+ = N.C. / Pin2- = N.C.
Remote control Input	
Connectors	1 x female 8 poles RJ45
Power Input	
Connectors	2 x PowerCon IN/OUT
Amplifiers	
Type	1 modules class D - DSP controlled
Subwoofer power	750 Watt ⁸
Satellite power output	750 Watt ⁸
Protections	Dynamic limiter, over current, over temp, short circuits
AC power	
Operating range	Standard 210 - 240 Vac 50Hz (standard) Optional 100 - 120 Vac 60Hz (optional)
Max continuous and burst current	Standard 6A(>10 sec) - 12A (<1 sec) Optional 10A(>10 sec) - 20A (<1sec)
Physical	
Measures	33.5 x 33.5 x 43.5 cm (KL12ma) 5.5 x 7 x 100 cm (KR100)
Weight	13 Kg (KL18ma) 4.5 Kg (KR200)

Notes for data

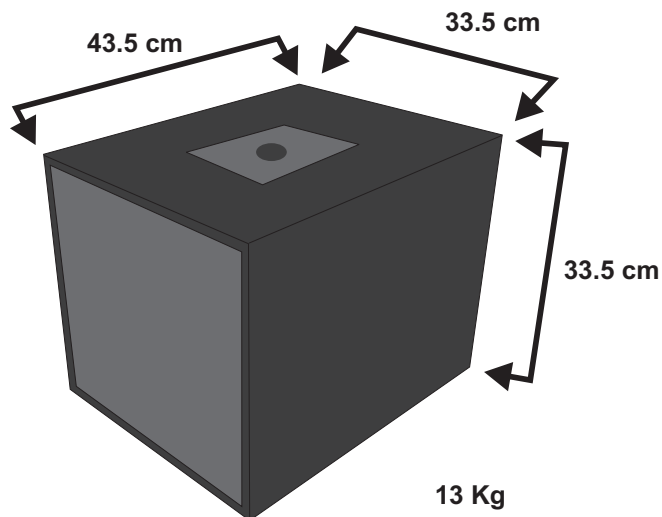
1. Power handling is measured following AES standard conditions: transducers driven continuously for two hours with a band-limited noise signal having 6 dB of crest factor.
2. Max power is the maximum RMS applicable power for a musical signal, the referement signal is the one proposed by EIAJ standard.
3. Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.
4. Free field measured with 1/3 octave frequency resolution at 2 mt.
5. Measured@4 mt then scaled@1 mt.
6. Measured with audio source @1 mt.
7. This is the frequency in which the transducers produce the same sound pressure level (measured@2 mt).
8. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance .

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KL12ma



KR100

