



FFATURES

- Unique performance-to-size ratio
- Fitted with integral handles and castors
- Direct radiating, long excursion 21" driver
- Analog and digital AES-EBU inputs
- RS485 and USB connectivity for remote control

COLORS AVAILABLE

Black



Specific RAL code for a customized painted model



ACCESSORIES

K-DANTE, K-FOOT2, K-POLE1, K-USB, K-WIRE15, KWIRE2, K-AMPCOVER



DESCRIPTION

The K-array KMT21 I is a powered 21" subwoofer, with a programmable on-board DSP and multiple analog and digital inputs and outputs for creating a wide array of speaker configurations. The amplifier mounted on board is class D, delivering 2 x 2000 W at 4Ω . The KMT21 I features an integrated touch screen, providing intuitive control over the main DSP functions: input/output levels, signal routing, offset delays for subwoofer and speakon output and overall system delay (up to 330 ms).

All DSP functions, including EQ, can also be remote controlled via software over USB or RS485 (3-pin XLR). The KMT series provides two balanced analog line level inputs and a two-channel AES/EBU digital input. An integrated class D amplifier delivers 2 x 2000 W at 4Ω , with a max THD of 1% (EIAJ test @ 1kHz). The KMT21 I features multiple analog and digital outputs, including a Speakon output to connect a wide array of passive speakers including mid-high models (KP52, KP102) or additional passive subwoofers (KMT21P). To optimize performance, the on-board DSP includes up to 40 programmable presets. The unique four-corner port configuration provides symmetrical back loading to the speakers, for extended bass response with very low distortion. The port configuration also provides incredible structural strength to the cabinet, despite its light weight. Pocket handles and an M20 thread mount position for attaching mid-high speakers makes the subwoofer convenient to use and ideal for medium throw applications in theaters, concert halls, and Audio/Video installations. All KMT components are designed by K-array and custommade under K-array's quality control system.

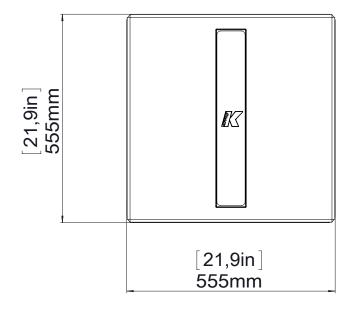
APPLICATIONS

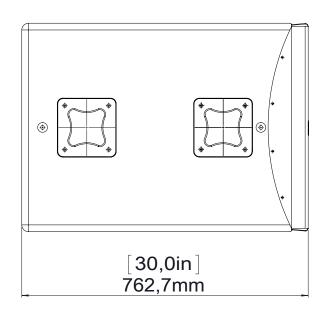
Broadcast/ TV Studio	
Club/ DJ Set	
Corporate/AV	
Hospitality	
House of Worship	
Large Congregations	
Live Concerts	
Store	
Theatre	
Theme Park	

TECHNICAL SPECIFICATIONS

ACOUSTICS			REMOTE CONTROL INPUT	
Speaker Power handling	1600 W (AES)	Connectors	1 male + 1 female XLR parallel / 1 USB B Jack serial converter	
Max power	2800 W		POWER INPUT	
Impedance	4 Ω	Connectors	2 x PowerCon IN/OUT	
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)		AMPLIFIERS	
SPL 1W / 1mt	98 dB	Туре	1 modules class D - DSP controlled	
Maximum SPL	130 dB continuous - 136 dB peak	Subwoofer power	2400 Watt 1 @ 4 Ω	
	COVERAGE	Speaker power output	2400 Watt 1 @ 4 Ω	
	Omni	Speaker power output	Dynamic limiter, over current, over temp, short circuits	
	CROSSOVER		AC POWER	
Туре	DSP controlled	Nominal power requirements	100 - 240 Vac ± 10% 50-60 Hz	
Frequency	150 Hz (preset dependent)	Operating range	85 – 265 Vac (auto-range)	
	TRANSDUCERS	Operating range		
Full range	1 x 21" Neodymium speakers with 3" voice coil		CONSUPTION	
	AUDIO INPUT	1/8 rated power (pink noise) @ 8Ω	300 W	
Analog Connectors	2 male + 2 female 3-pin balanced XLR			
Digital Connectors	1 male + 1 female 3-pin XLR		PHYSICAL	
	AUDIO POWERED OUTPUT	Dimensions	55.5 cm x 55.5 cm x 76.3 cm (21.9" x 21.9" x 30.0")	
Connector	Female Speakon	Weight	49 kg (108 lbs)	
Wiring	Pin1+= CH1+ Pin1= CH1- Pin2+= N.C. Pin2= N.C.			

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 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 catalogue.





www.k-array.com Ver. 1.5