

## KTS-18A

Active 18" Subwoofer



### Features

- ▶ Self-powered medium format line array modules
- ▶ 18" deep bass woofers for flawless low-end response
- ▶ 1000 Watt D-class power amplifier
- ▶ Straightforward rigging system allows splay angles from 0° to 8°
- ▶ Onboard DSP for increased safety and application of signal processing
- ▶ PC user interface included for control of volume, crossover, limiter and more
- ▶ Exceptionally wide frequency response: 32Hz - 200Hz
- ▶ Made of sturdy, multi-layer birch plywood with tough black coating
- ▶ KT-210A and KTS-18A can be stacked together using mounting frame
- ▶ XLR input and link 'thru' connectors as standard
- ▶ PowerCON AC power input/output

### Description

Phonic is set to revolutionize line array technology with the introduction of the KT series. The KT series consists of adaptable line array systems housed in attractive yet rugged trapezoidal enclosures. The series was designed to be easily adaptable to any situation with easy configuration, low weight and versatility being prime concerns during development.

The KTS-18A is a subwoofer system encompassing a 18" bass-reflex woofer. It features a high performance digital amplifier with 1000 Watts total output, a high-end 64-bit DSP and superior AD-DA converters.

The onboard DSP provides convenient signal processing with latency less than 600 microseconds, offering such vital functions as input/output delay, volume control, parametric equalization, crossovers, limiter, automatic temperature control and system monitoring. System control and monitoring can be accomplished through USB and Ethernet using the included PC software. Multiple units can be grouped within the software and have their properties adjusted simultaneously.

Complete with a flexible rigging system allowing for splay angles anywhere between 0° and 8°, the KT series is able to provide coverage for any and every large venue. Expand your line array with multiple units and suspend for maximum coverage. PowerCON power input and link connectors allow multiple units to be powered without the need for multiple AC power cables. Please remember that setup and suspension of a line array should be done by qualified personnel only.

For a versatile, scalable system that can be flown or ground stacked – ideal for everything from theatres and concert halls to stadiums and arenas – the KT line array systems definitely fit the bill.

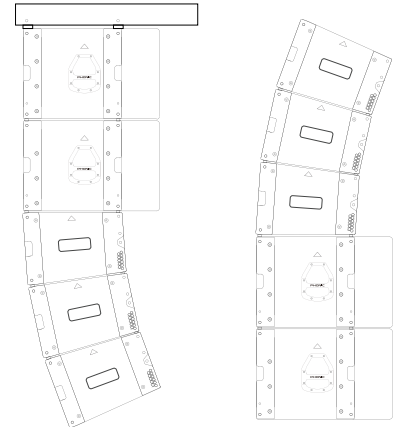
# KT SERIES

## Active Line Array Loudspeaker Systems



Rear Panel

### Configuration



Suspended  
Line Array

Floor Stack

### Specifications

KTS-18A	
Woofers	18"
Frequency Range (-3dB)	32Hz - 200Hz
Nominal Amplifier Power	1000 Watts
On-Axis Sensitivity 1W/1m	100 dB
Rated Maximum Peak SPL at 1m	138 dB
DSP Latency	600µs
Sampling Rate	48 kHz
DSP Processing	Volume Control, Crossover/EQ, Limiter, Delay, Phase, Grouping, Thermal Protection
Presets	50 Factory / 50 User
Control Interface	USB / Ethernet (PC Software Included)
LED Indicators	Peak (Red), Signal (Yellow), On (Green)
Input & Output Connectors	2 x XLR
Nominal Input Level	+6dBu
Maximum Input Level	+23dBu
Nominal Output Level	+11dBu
Maximum Output Level	+12dBu
Power Connectors	2 x PowerCON
Enclosure Material	15mm multi-layer birch plywood, 8mm hexagonal black steel mesh
Color	Black
Rigging System	Included flight pin and u-clip/shackle Optional grid assembly flight frame
Dimension (HxWxD)	760 x 500 x 660 mm (29.9" x 19.7" x 26")

### Included Accessories



U-Clip/Shackle



Flight Pins

### Optional Accessories



Grid Assembly Flight Frame  
(W: 760mm / 1000mm)



Flight Case