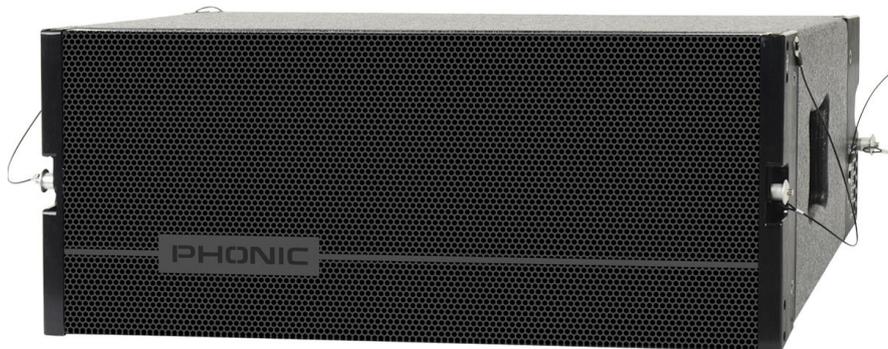


KT-210A

Active 10" 2-Way Line Array Loudspeaker



Features

- ▶ Line array design with variable curvature angles
- ▶ Two 10" woofers with 2" voice-coils
- ▶ 1.4" compression tweeter with titanium diaphragm and neodymium magnets
- ▶ Straightforward rigging system allows splay angles from 0° to 8°
- ▶ 110° x 10° constant directivity coverage angle
- ▶ 1450 Watt multichannel digital power amplifier
- ▶ Onboard DSP for increased safety and application of signal processing
- ▶ DSP features accessed through use of Phonic U-BOX adapter (sold separately)
- ▶ PC user interface for control of volume, crossover, limiter and more (optional)
- ▶ Exceptionally wide frequency response: 70Hz - 19KHz
- ▶ 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 input and AC link connectors



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 KT-210A is a 2-way system encompassing two 10" bass-reflex woofers and 1.4" compression tweeter. It features a high performance multichannel digital amplifier with 1450 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. DSP functions require the optional Phonic U-BOX RS-485 adapter.

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.

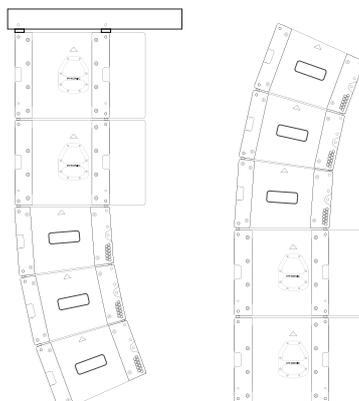
KT SERIES

Active Line Array Loudspeaker Systems

Configuration



Rear Panel
(not to scale)



Suspended
Line Array

Floor Stack

Specifications

| KT-210A | |
|---------------------------|--|
| Woofers | 2 x 10" |
| Tweeter | 1.4" titanium diaphragm compression driver |
| Frequency Range (-3dB) | 65Hz - 19KHz |
| Horizontal Coverage | 110° |
| Vertical Coverage | 10° |
| Nominal Amplifier Power | LF: 1200 Watts HF: 250 Watts |
| 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 | Ethernet RS-485 Interface, U-BOX (not included) |
| LED Indicators | Peak (Red), Signal (Yellow), On (Green) |
| Input & Output Connectors | 2 x XLR |
| Nominal Input Level | +4dBu |
| Maximum Input Level | +22dBu |
| 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) | 300 x 760 x 460 mm (11.8" x 29.9" x 18.1") |

Included Accessories



U-Clip/Shackle



Flight Pins

Optional Accessories



FF760
Flight Frame
(W: 760mm)



FC210
Flight Case



U-BOX
RS-485Adapter