

# DELTA K40P

POWERED DUAL 10" POINT SOURCE SPEAKER



 **BA**

# DELTA K40P SELF POWERED POINT SOURCE SPEAKER

You need Power to CHANGE THE GAME!

The British Acoustics K40P is a compact, high-performance point source speaker, designed as the vertically arrayable counterpart to the K40 LA. Combining versatility and exceptional power, the K40P is ideal for professional audio applications requiring precise sound coverage and high output. Equipped with a 90° x 30° waveguide, the K40P delivers focused and controlled sound dispersion, making it suitable for a wide range of venues and setups. Its innovative half-octagon array rigging method allows for seamless vertical arraying, ensuring optimal sound coverage and flexibility in deployment.



Powered by a 3000W Class-D amplifier, the K40P achieves incredible SPL levels while maintaining high efficiency and reliability. The same amplification system as the K40 LA ensures consistent performance, and the K40P is fully compatible with the Delta Audio Controller software, enabling advanced system configuration and real-time monitoring for large-scale setups. Despite its compact size, the K40P is engineered for unbelievably high SPL output, offering power and clarity that rival much larger systems. Built with robust construction and precision engineering, it delivers consistent, distortion-free performance even in demanding environments. The British Acoustics K40P sets a new standard for high-power point source speakers, combining compact portability, innovative rigging, and exceptional sound quality for modern audio professionals.



## ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 54 Hz - 20 kHz
- Freq. Range (-10 dB) : 49Hz - 20 kHz
- H Dispersion : 90° (-6 dB)
- V Dispersion : 30° array dependent
- Crossover : Digital FIR : 1 kHz
- Max Output : Cont. : 131dB, Peak : 137dB

## SYSTEM SPECIFICATIONS

- Recommended Subwoofers : See Systems Chart for compatible subwoofers
- Recommended System Control : Delta Audio Controller (DAC) & Delta Array Predictor (DAP)

## LF TRANSDUCER

- 1013 F - 10" Low Frequency Driver
- Two drivers connected in series
- 500W , 2000W Peak
- 3" Inside-out Aluminum Voice Coil
- Compliant & Controller spectre-spider
- Enhanced ventilation due to optimized heat paths

## HF TRANSDUCER

- HF 1575-1.5" Exit High frequency

compression driver

- 100W, 400W Peak
- 3" VC Ferrite Magnet
- Precise waveguide maintaining horizontal dispersion upto 18 kHz

## AMPLIFIER & DSP SPECIFICATIONS

- 3000W Class-D Amplifier
- Dual Stage Power Factor Correction
- Exceptional Amplifier Efficiency
- Thermal, short-circuit and overload protections
- 64 bit/96kHz processor, Digital FIR filters
- 32 bit/96kHz AD/DA converters
- Dual Ethercon Connectors to connect with Delta Audio Controller
- 16A Neutrik Truecon Power In/Out

## HOUSING

- Marine Birchply Enclosure
- Granular Scratch Free Polyurea Paint
- Perforated Black, Pressed Steel Grills
- Integrated Handles on Either Side

## RIGGING

- M10 Flying Inserts
- Half-Octagon Rigging Block to fly multiple units

- Integrated Handles for handling

## IP SPECIFICATIONS

- IP 43 - Standard protection against dust & splashes

## AESTHETIC SPECIFICATIONS

- British Acoustics Signature Umber Brown Tone
- Non Reflective, Matte Black Grills
- Available in a RAL code of your choice (24 nos, minimum)

## OPERATING PARAMETERS

- Operating positions: Flowing or Ground stacked with the correct Array Frame or Accessory
- Maximum permitted ambient temperature (Ta max) 55° C (124° F)
- Minimum permitted ambient temperature (Ta min): -2° C (28.4° F)

## OPTIONAL ACCESSORIES

- See system chart for the System Accessories

## SIZE

- Product: 292 x 648 x 483 mm (H x W x D)
- Product: 11.5 x 25.5 x 19 inch (H x W x D)
- Packed individually

## WEIGHT

- Net : 32 Kgs
- Net : 70.56 Lbs

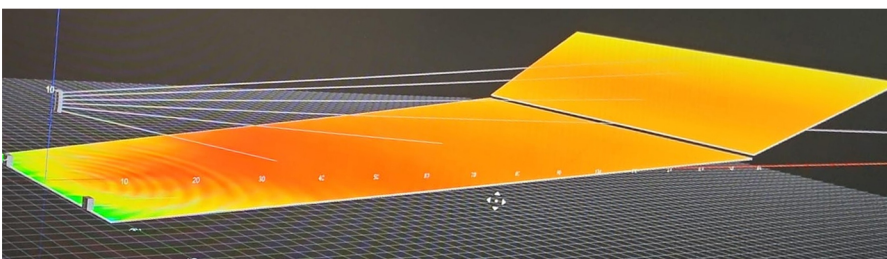
## SHIPPING INFORMATION

- Carton Size  
367 x 723 x 558 mm (H x W x D)  
14.4 x 28.4 x 21.9 inch (H x W x D)
- Gross Weight : 37 Kgs / 81.58 Lbs
- Packed : individually

## PRODUCT INFORMATION

- Model No : Delta K40P
- Series X
- Tags : Speaker, Self-Powered, Flagship, High SPL

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 Safe Installation & Rigging Practices : Installation must be by authorized personnel, following safety and rigging standards to avoid liability.  
 \*Product specifications and design may change due to raw material variations or the addition of new features and technologies for improved performance and reliability.  
 \*SPL Calculated @ 1m, Free Field with Pink Noise - Crest Factor 4





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