

AX2010P



PRESENTATION

2-way full-range vertical array element - bi-amp

FEATURES

The AX2010P is a new line array element in the AXIOM range that combines superior sound quality with easiness and flexibility in a simple system with a very convenient price-to-performance ratio.

The AX2010P has been designed both for rental live sound applications and for fixed installations and has been engineered for the simplest use possible but without sacrificing anything in sound quality and performance.

The high frequency range is reproduced by two low-distortion compression drivers, equipped with very light-weight diaphragms. Two transmission line wave-forming waveguides have been used to load the HF drivers, in order to provide a detailed and natural sound and to achieve a long-distance HF projecting capacity.

The two 10" woofers employed in the reproduction of the mid-bass range are equipped with very light-weight cones. The lightness of the diaphragm is furthermore improved by the use of aluminum voice coil instead of conventional copper. This ensure a fast reproduction of the mid range and of mid-bass musical passages, improving also the thermal capacity of the voice coil and, consequently, controlling the overall power compression. The two 10" woofers are back loaded by a short hybrid transmission line that minimizes the effect of the box resonances and eliminates the "boxy" mid-bass sound commonly obtained from regular bass-reflex enclosures.

CODE: AX2010P

TECHNICAL SHEET

System type: High Directivity Line Array Element

Nominal Impedance: 8 Ω (LF) + 8 Ω (HF)

Input power rating (AES): 700W + 150W

Input power rating (continuous): 1400W + 300W

Input power rating (program): 1400W + 300W

Frequency response: 75 Hz – 18kHz Processed

Sensitivity:99dB SPL (LF); 108dB SPL (HF)

Maximum (peak) Output:130 dB

Low Frequency Device:2 x 10" (260mm), 2.5" (64mm) aluminum voice coil

High Frequency Device:2 x 1.4" drivers, 2.5" (64mm), titanium diaphragm

Coverage Angle H. (-6 dB):110°

Coverage Angle V. (-6 dB):depending on Array Configuration

Signal Processing:PC 260

Flying System:KPTAX2010P

Connectors:Neutrik® Speakon® NL4 x 2

Construction:15mm, reinforced Phenolic Birch

Finishing:High resistance, water based paint

Weight:39.9 Kg (87.96 lbs.) rigging included

Dimensions (W x H x D):746 mm (29.37") x 341 mm (13.42") x 530 mm (20.86")
