



APPLICATIONS:

- ▶ - LARGE HOUSES OF WORSHIP
- ▶ - TOURING SOUND COMPANIES
- ▶ - LARGE-SCALE PUBLIC ADDRESS
- ▶ - LARGE THEATERS/LIVE VENUES
- ▶ - HIGH-PERFORMANCE CLUBS

DESCRIPTION:

The 7222XY is a mid-sized line array system designed for a wide variety of permanently-installed and live sound reinforcement applications. Like all XYON™ Series systems, the 7222XY utilizes advanced technology to attain the highest performance levels.

7222XY units are configured as alternating upright and inverted units, paired to create a low-frequency horn termed QUAD-One™. By focusing all four LF drivers at the same quadrant of a sphere, greater directivity and increased sensitivity is realized. Whereas typical line array systems require very large arrays to achieve this level of directivity and output, XYON™ does so with as few as two elements.

In the Mid and High Frequency bands, the XYON™ Series utilizes Neodymium Mid/HF EXO drivers on patented Q-Drive™ WaveShaper horns. One device, which excels at eliminating crossover and phase/time anomalies, reproduces all frequencies from critical vocal intelligibility range up through upper-harmonics and to top of the frequency band. This feature, combined with exceptional transient response, results in a high fidelity vocal and upper-mid response that sounds more natural than the traditional "PA sound". Vocals, acoustic instruments and snare drums are crisp and clear and mixes never sound "crowded" or "muddy". Two Q-Drive™ units are utilized in each 7222XY element, providing extremely high-output capability with high headroom.

Elements are configurable for flown, as well as ground-stack applications. All models are wired for biamp operation, and optional triamp configuration with LF pass-through is available. In 2-way wiring configurations, it is possible to power four modules using just two power amps. Recommended amp and cabling configurations are available, as well as DSP processor settings for many commonly used system controllers. XY-On™ Space Shape prediction and control software is available to calculate optimum array angles for precise energy placement in audience areas. Additionally, GLL data is available for use with EASE Focus modeling software.

The 7222XY is recommended to be used with companion 7000-Series Subwoofers, such as the 7218SWX, the 7218SWX-F, and the 7221SWX.

SPECIFICATIONS:

Horizontal Dispersion: 120-degrees

Vertical Dispersion: 10-degrees (1 unit)

Frequency Response: 55Hz -to- 22kHz, +/-3dB

Max SPL: 140.7dB SPL (1 unit), 152.7dB (4 units)

LF Drive Unit(s): (2) Neodymium 12" Cone

LF Sensitivity: 109dB 1w/1m

LF Power Handling: 800w (AES), 3200w (Peak)

LF Impedance: 8-Ohms

HF Drive Unit(s): (2) Neodymium MF/HF EXO

HF Sensitivity: 124dB 1w/1m

HF Power Handling: 500w (AES), 2000w (Peak)

HF Impedance: 8-Ohms

Cabinet Construction: 18mm 13-Ply Baltic Birch, High Tensile UHMW Composite

Cabinet Finish: Tour-Grade Duracoat™

Hardware: XYON Z-MAX modular rigging system

Connections: (2) Neutrik NL-4 Speakon

Dimensions (Imperial): 13.75" x 41.7" x 27.5"

Dimensions (Metric): 34.9cm x 105.9cm x 69.9cm

Weight: 141lbs (64kgs)

Available Accessories: FB-7222 Touring Fly Bar, DL-7222 Dolly Board, CV-7222 Padded Transport Cover