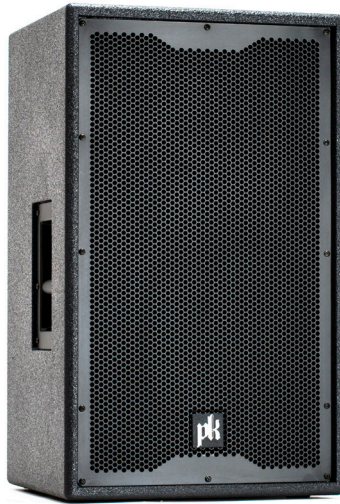


# CX215-90 HIGH OUTPUT MAIN LOUDSPEAKER



## SPECIFICATIONS

PURPOSE	2-WAY TRAPEZOIDAL
Low Frequency	15" High Excursion Neodymium
High Frequency	3" Diaphragm 1.4" Exit
Amplifier	2000W Class-D
Operating Frequency +/-10dB	40Hz - 20KHz
Free Field Response +/-3dB	65Hz - 18KHz
Maximum SPL (note1)	136dB
Coverage Pattern	90° X 40° Rotatable
Audio Input	Balanced XLR
Audio Through	Balanced XLR
Transducer Protection	Thermal & Excursion Limiting
Amplifier Cooling	Temperature Controlled Fan
DSP Presets	1. Full Range 2. 90Hz HP 3. 70Hz HP 4. HF -3dB
AC Power Input	Powercon
Input Voltage	Auto-switching 100 - 250V
AC Power Consumption 1 / 8 Power (110V / 220V) Amps	2 / 1A
Material	High-Grade Void-Free Baltic Birch
Finish	Tour-Grade High-Impact EXL Polyurea
Grill	Perforated Metal Grill Lined With Acoustical Black Foam
Rigging	L-Track Rigging for Suspension
Dimensions DxWxH (inches)	20 x 17.7 x 28.3
Dimensions DxWxH (mm)	509 x 449 x 720
Weight (lb)	82
Weight (kg)	37.2

NOTE: (1) Max. SPL 1W / 1m with 4dB crest factor pink noise

## APPLICATIONS

- Concerts
- Festivals
- Live Music
- Night Clubs & Lounges
- Speeches & Public Address
- Houses of Worship

The CX215-90 wide coverage, self-powered, two-way loudspeaker offers precise high output capability in a compact, efficient enclosure. Each powered cabinet houses a high-efficiency 2000W class-D amplifier with built-in DSP settings. Innovative post-filter feedback class-D topology achieves a ruler-flat frequency response, low distortion and high damping across the audio band. These amplifiers use the latest generation technology and highly optimized output stage for up to 95% efficiency. The high frequency section consists of a 3" titanium diaphragm compression driver coupled to a 90° x 40° rotatable horn with outstanding pattern control. A 1200W high power 15" low/mid transducer with a 4" voice coil and an extremely powerful external neodymium magnet assembly assure high flux concentration, low power compression and excellent heat exchange, allowing for seamless midrange and extended low frequency response.

## FEATURES

- High efficiency self-powered modules
- Exceptional fidelity & output
- Ultra low distortion
- Selectable DSP configurations
- Wide 90° horizontal dispersion
- Premium quality transducers
- Aluminum rotatable horn flare
- L-Track rigging for suspension
- Perforated metal grill lined with acoustical black foam
- Tour-grade high-impact EXL Polyurea
- Powercon locking power cable