

CX800 HIGH OUTPUT SUBWOOFER



The CX800 is a high output subwoofer constructed from high-grade void-free Baltic birch, coated in the industry's toughest tour-grade, high-impact EXL Polyurea finish. Each powered cabinet houses a high efficiency 2000W class-D amplifier with built-in DSP settings for up to 95% efficiency.

Two high performance 18" neodymium extended low frequency transducers provide a lightweight package while offering unequalled reliability. State-of-the-art 5.3" voice coils, triple silicon spiders and large displacement suspension systems allow 70mm of excursion before damage with 28mm of linear Xmax. Extremely low distortion is further achieved by an aluminum demodulation ring, which flattens both impedance and phase response.

FEATURES

- Unparalleled low frequency extension to 25Hz
- Very high efficiency class-D amplification
- Cardioid arrayable
- Extremely low distortion
- Truck smart cabinet dimensions
- Lightweight neodymium drivers
- High-grade void-free Baltic birch construction
- Perforated metal grill lined with acoustical black foam
- Tour-grade high-impact EXL Polyurea
- Powercon locking power cable
- Optional L-Track rigging for suspension

SPECIFICATIONS

PURPOSE	SUBWOOFER
Low Frequency	2 X 18" Ultra High Excursion Neodymium
Amplifier	2000W Class-D
Operating Frequency +/-10dB	25Hz - 160Hz
Free Field Response +/-3dB	28Hz - 150Hz
Maximum SPL (note 1)	139dB
Audio Input	Balanced XLR
Audio Through	Balanced XLR
Transducer Protection	Thermal & Excursion Limiting
Amplifier Cooling	Temperature Controlled Fan
DSP Presets	1. 90Hz LP 2. 130Hz LP 3. Cardioid 4. Reverse Polarity
AC Power Input	Powercon
Input Voltage	Auto-Switching 100 - 250V
AC Power Consumption 1 / 8 Power (110V / 220V) Amps	8.5 / 4.25A
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 (Optional)
Dimensions DxWxH (inches)	30.35 x 45 x 22.4
Dimensions DxWxH (mm)	771 x 1143 x 569
Weight (lb)	196
Weight (kg)	89

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

APPLICATIONS

- Concerts
- Festivals
- Live Music
- Night Clubs & Lounges
- Large Scale Sound Reinforcement