

Overview

Perfectly suited for use with CZR full-range speakers, the CXS15XLF/ CXCXS15XLFW is a bass-reflex type subwoofer with extended low frequencies, outstanding clarity, and best-in-class 130dB SPL performance.





Features

- 15" subwoofer with 4" Voice Coil
- High power 800W (PGM) input
- Cardioid mode capable with processors or DSP onboard power amps
- Lightweight yet very durable plywood cabinet with premium grade Polyurea coating
- SpeakON NL4MP x 3 (Parallel x 2, Output x 1)
- Dual-pole socket
- Optional speaker cover (SPCVR-DXS15X) and wheel kit (SPW-1)
- Durable black or white finish



Specifications

General Specifications

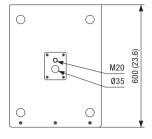
Speaker Type Subwoofer, Bass-reflex Frequency Range (-10dB) Passive: 33Hz - 3.5kHz, Normal (*1): 35Hz - 150Hz, Extend (*1): 33Hz - 150Hz Coverage Area - Floor Monitor Angle - Components LF 15" Cone, 4" Voice Coil, Ferrite magnet Hp LF 15" Cone, 4" Voice Coil, Ferrite magnet Crossover - Power Rating MOISE 400W (EIA 426-A) PGM 800W (EIA 426-A) PEAK 1600W (EIA 426-A) SPL Sensitivity (1W; 1m on axis) 98dB "2 Peak (Calculated) 130dB "2 I/O Connectors SpeakON NL4MP x 3 (Parallel x 2, Output x 1) Handle A luminium die-cast, Side x 2 Pole Socket 035mm (depth 80mm), M20 Threaded (depth 25mm) Rigging - - - - <th< th=""><th colspan="4"></th></th<>				
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	Net Weight		35.6kg (78.5lbs)	
Others Enclosure Material Finish Color: Plywood Durable Polyurea coating Black/White	Options		Cover: SPCVR-DXS15X, Caster: SPW-1	
2.10.00.10 Material, Finding Solot Flywood, Buttable Folyarda obatting, Black William	Others		Enclosure Material, Finish, Color: Plywood, Durable Polyurea coating, Black/White	

^{*1} With recommended DSP processing. *2 Half space (2π).

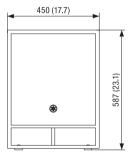


Dimensions

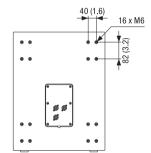
Unit: mm (inch)

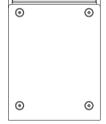












Options

• Speaker Cover

SPCVR-DXS15X

Wheel Kit

SPW-1



Architectural and Engineering Specifications

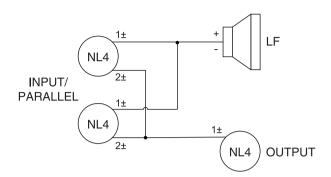
The Yamaha CXS15XLF shall be a passive bass-reflex subwoofer for sound reinforcement applications. The loudspeaker shall have one 15" cone low-frequency transducer with a 4" voice coil. Continuous program power capacity shall be 800 watts. The loudspeaker shall be capable of meeting the following performance criteria: reproduction frequency range shall be 33 Hz to 3.5 kHz (-10 dB) when used without equalization, and maximum output SPL shall be 130 dB (peak, pink noise @ 1m). Two parallel-connected SpeakON connectors shall be provided for input, and one SpeakON connector shall be provided for output.

The loudspeaker shall be designed for full compatibility with the speaker tuning capabilities of Yamaha PX series amplifiers or other speaker processors in order to deliver optimum system performance in a variety of environments.

The loudspeaker enclosure shall be constructed of high-grade plywood and finished with a durable polyurea coating. The dimensions of the loudspeaker shall be $450 \times 587 \times 600 \text{ mm}$ (W x H x D, including rubber feet). The weight shall be 35.6 kg.

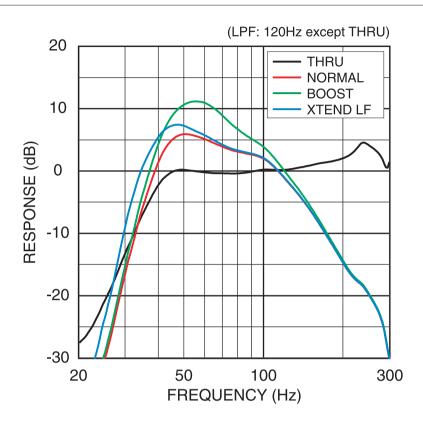


Block Diagrams





Frequency Response



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