

## Overview

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The CXS12 mk3 is most portable version of Yamaha's latest generation of passive subwoofers, capable of delivering deep, clear, and powerful, ultra-low bass that belies it's compact size thanks to our proprietary high-durability transducers, and an ideal bandpass structure that eliminates unwanted cabinet noise. When paired with our perfectly matched CXR mk3 series loudspeakers in particular, the CXS12 mk3 enables users to build a seamlessly integrated sound system with unparalleled impact.



## Features

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- 12" Cone, 3" Voice coil proprietary high-durability speaker unit
- Plywood cabinet is durable and acoustically optimized for maximum sound quality
- M20 and Ø35 mm dual pole sockets
- Optional Speaker Wheels (SPW-1) and Speaker Cover (SPCVR-DXS123)

## Specifications

### General Specifications

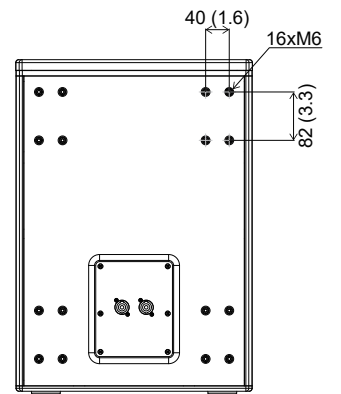
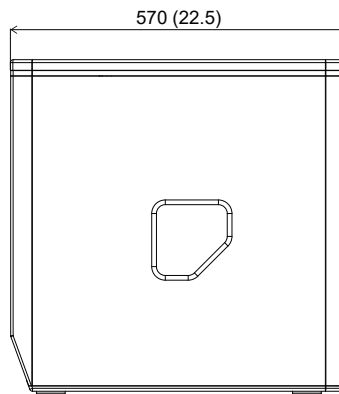
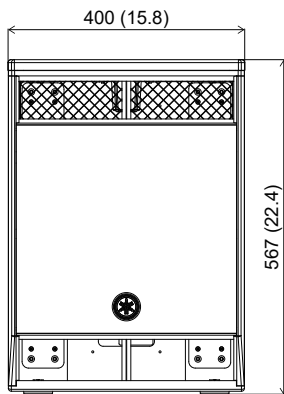
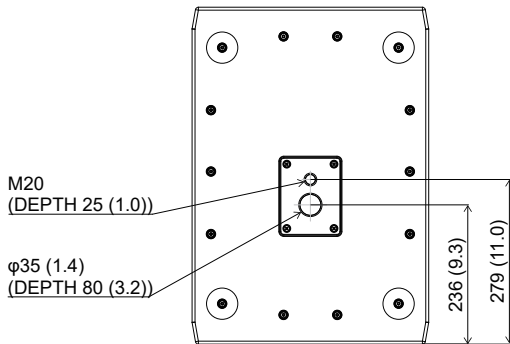
Speaker type	Subwoofer, Band-pass	
Frequency range (-10 dB)	Passive: 42 Hz - 180 Hz, Extend*1: 38 Hz - 140 Hz	
Nominal impedance	4 Ω	
SPL	Sensitivity (1 W; 1 m on axis)	94 dB SPL <sup>2</sup>
	Peak (Calculated)	125 dB SPL <sup>2</sup>
Components	LF	Diameter: 12" cone, Voice Coil: 3"
Power rating	NOISE	325 W
	PGM	650 W
	PEAK	1300 W
I/O connectors	speakON NL4MP × 2 (Input × 1, Output × 1)	
Cabinet material	Plywood	
Finish	Durable Polyurea Painting, Black	
Handle	Side x2	
Pole socket	Φ35 mm (Depth 80 mm), M20 (Threaded depth 25 mm)	
Dimensions	W	400 mm (12.0")
	H	567 mm (22.3")
	D	570 mm (22.4")
Net weight	32.0 kg (70.5 lbs)	
Options	Cover: SPCVR-DXS123, Caster: SPW-1	

\*1: With recommended DSP processing.

\*2: Half space (2π)

## Dimensions

Unit: mm (inch)



## Options

- Cover SPCVR-DXS123
- Caster SPW-1

## Architectural and Engineering Specifications

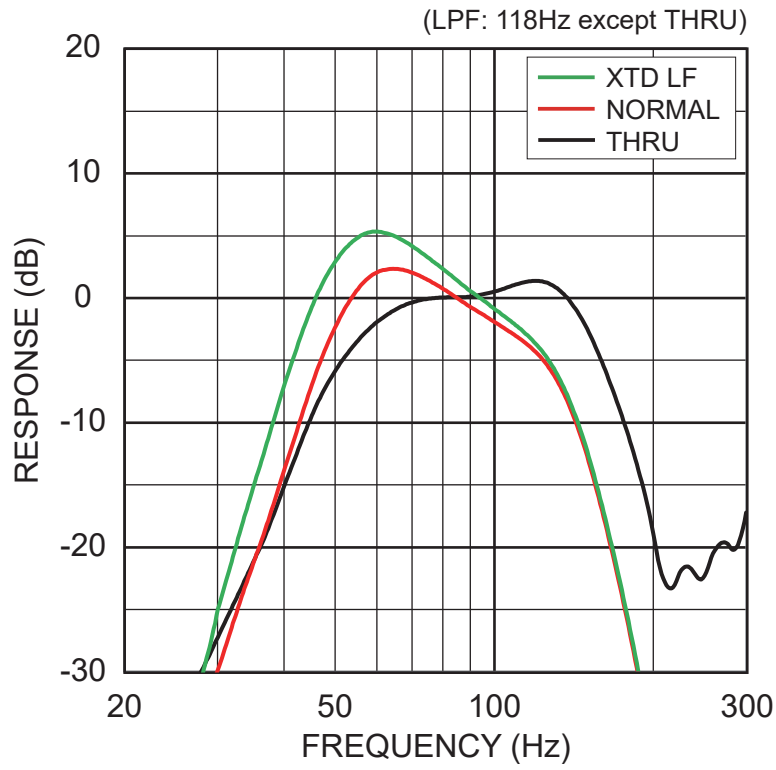
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The Yamaha CXS12 mk3 shall be a passive bandpass subwoofer for sound reinforcement applications. The subwoofer shall have one 12" cone low-frequency transducer with a 3" voice coil. The CXS12 mk3 shall be capable of meeting the following performance criteria: reproduction frequency range shall be 42 Hz to 180 Hz (-10 dB), extendable down to 38 Hz with recommended external DSP processing; nominal impedance of 4  $\Omega$ ; power ratings (IEC noise) of 325W NOISE, 650W PGM, 1300W MAX; sensitivity of 94 dB SPL (1W, 1m) with a maximum SPL (calculated peak, 1m) of 125 dB SPL.

Two speakON NL4MP connectors shall be provided on the rear panel for audio input and pass-through output.

The subwoofer enclosure shall be constructed of high-performance plywood and finished with a durable polyurea coating. The front panel shall not include any visible mounting screws. The subwoofer cabinet shall include one 35 mm pole socket and one M20 threaded mounting socket on its top panel. The rear panel shall include attachment points for castor wheels, and the side panels shall include handles for convenient horizontal and vertical lifting. The dimensions of the subwoofer shall be 400 x 567 x 570 mm (W x H x D). The weight shall be 32 kg.

### Frequency Response



\*All information subject to change without notice.

\*All trademarks and registered trademarks are property of their respective owners.

Created in April, 2026