

Overview

The CXS18 mk3 is the largest model of Yamaha's latest generation of CXS series passive subwoofers that delivers deep, clear, and remarkably powerful, ultra-low bass 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 CXS 18mk3 enables users to build a seamlessly integrated sound system with unparalleled impact.



Features

- 18" Cone, 4" 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-DXS183)

Specifications

General Specifications

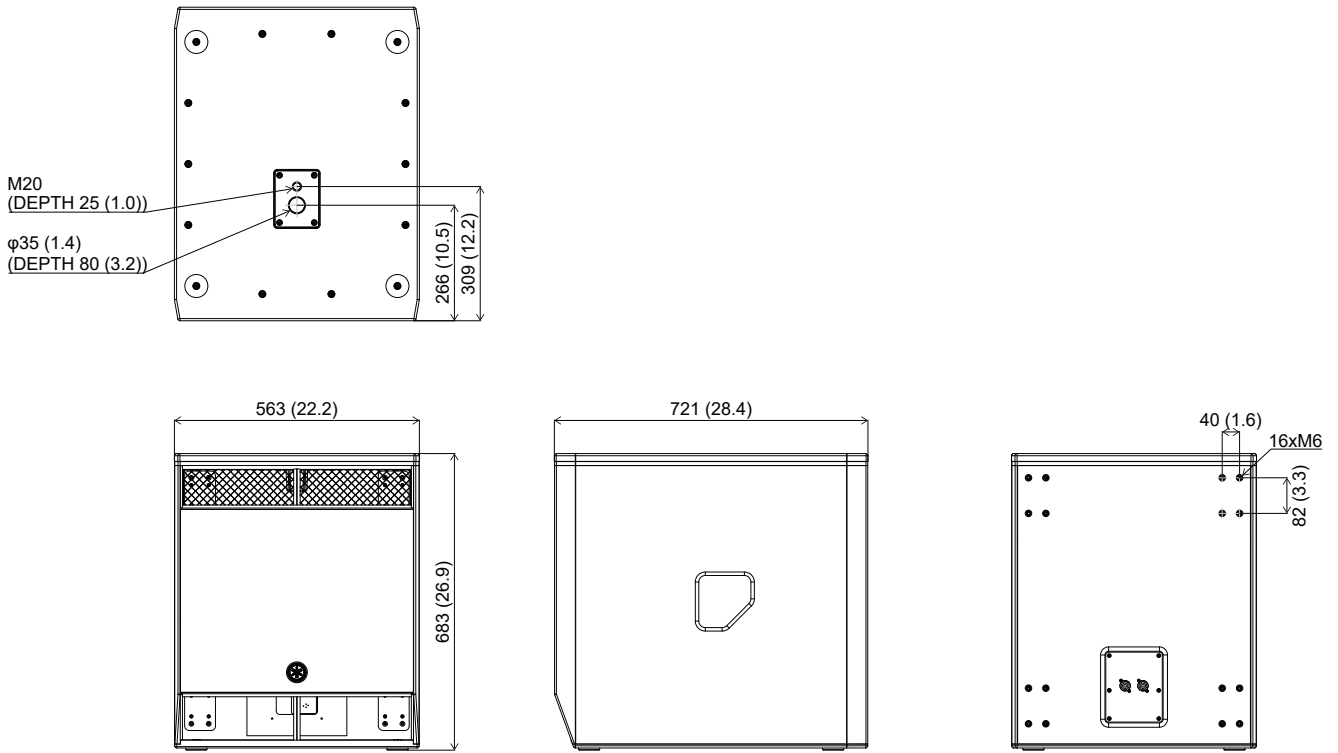
Speaker type	Subwoofer, Band-pass	
Frequency range (-10 dB)	Passive: 35 Hz - 150Hz, Extend*1: 32 Hz - 120 Hz	
Nominal impedance	4 Ω	
SPL	Sensitivity (1 W; 1 m on axis)	96 dB SPL ^{*2}
	Peak (Calculated)	129 dB SPL ^{*2}
Components	LF	Diameter: 18" cone, Voice Coil: 4"
Power rating	NOISE	500 W
	PGM	1000 W
	PEAK	2000 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	563 mm (22.2")
	H	683 mm (26.9")
	D	721 mm (28.4")
Net weight	49.0 kg (108.0 lbs)	
Options	Cover: SPCVR-DXS183, Caster: SPW-1	

*1: With recommended DSP processing.

*2: Half space (2π)

Dimensions

Unit: mm (inch)



Options

- Cover SPCVR-DXS183
- Caster SPW-1

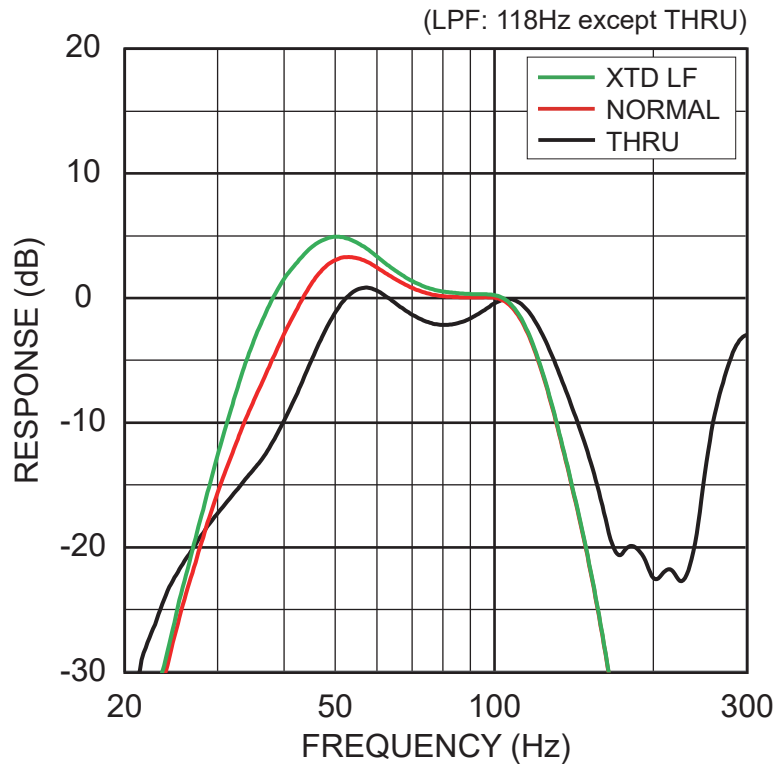
Architectural and Engineering Specifications

The Yamaha CXS18 mk3 shall be a passive bandpass subwoofer for sound reinforcement applications. The subwoofer shall have one 18" cone low-frequency transducer with a 4" voice coil. The CXS18 mk3 shall be capable of meeting the following performance criteria: reproduction frequency range shall be 35 Hz to 150 Hz (-10dB), extendable down to 32 Hz with recommended external DSP processing; nominal impedance of 4 Ω ; power ratings (IEC noise) of 500W NOISE, 1000W PGM, 2000W MAX; sensitivity of 96 dB SPL (1W, 1m) with a maximum SPL (calculated peak, 1m) of 129 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 563 x 683 x 721 mm (W x H x D). The weight shall be 49 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