TECHNICAL DATA

MB210-WR outdoor-rated compact subwoofer



Product Overview

Bose Professional MB210-WR compact subwoofers are designed for outdoor installations of background/ foreground music and small sound-reinforcement systems that require low-frequency extension down to 37 Hz. The MB210-WR subwoofer features two (2) 10-inch highexcursion woofers, derived from the award-winning Bose Professional F1 subwoofer, in a compact, exterior-grade plywood enclosure optimized for outdoor, fixed-installation applications. Featuring outstanding performance to size ratio, the MB210-WR is designed to complement Bose Professional loudspeaker lines, in outdoor applications, such as ArenaMatch Utility, Panaray, DesignMax, and Freespace, with additional bass impact.



Key Features

2 x 10" high-excursion woofers for high-output bass in a compact enclosure. Transducers derived from award-winning Bose F1 portable, powered subwoofer

500 W long-term power handling for high sound output and reliability

Low-frequency extension down to 37 Hz for impactful, deep-bass music reinforcement

123 dB maximum continuous SPL, 129 dB peak SPL

Exterior-grade plywood enclosure with compact size for installations

Install outdoors with an IP55 weather rating, three-layer stainless steel grille, water-resistant coating on woofer cone, industrial polyurea exterior coating, and molded cover to protect inputs

U-bracket included for easy mounting to walls or ceilings

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Technical Specifications

Single Subwoofer Performance				
Frequency Response (-3 dB) (1)	45 - 180 Hz			
Frequency Range (-10 dB)	37 – 270 Hz			
Recommended High-Pass Protection Filter	40 Hz with 24-dB / octave filter			
Nominal Coverage Pattern	Omnidirectional below 200 Hz			
	Bose extended-lifecycle test (4)		AES transo	AES transducer test (5)
Power Handling, long-term continuous	500 W		625 W	
Power Handling, peak	2000 W		2500 W	
	Free Field	Wall/Ceiling	Free Field	Wall/Ceiling
Sensitivity (SPL) / 1 W @ 1m) ⁴	90 dB	96 dB	90 dB	96 dB
Calculated Maximum SPL 1m)⁵	117 dB	123 dB	118 dB	124 dB
Calculated Maximum SPL 1m),peak	123 dB	129 dB	124 dB	130 dB
Transducers				
Low Frequency	2 x Bose 10-inch, high-excursion woofers			
Nominal Impedance	8 ohms			
Physical				
Enclosure Material	Exterior-grade plywood			
Finish	Two-part polyurea coating, black or white			
Grille	Powder-coated perforated stainless steel, acoustic foam, stainless steel mesh			
Environmental	Rated for direct-exposure outdoor installations (IEC 60529: IP55)			
Connectors				
Connectors	1 × barrier strip (accepts 10 to 18 wire gauge)			
Suspension / Mounting	3 × M8 threaded inserts for U-bracket (per side)			
Dimensions (H \times W \times D)	291 × 685 × 517 mm (11.5 × 27.0 × 20.4 in)			
Dimensions without U-bracket (H × W × D)	291 × 659 × 484 mm (11.5 × 26.0 × 19.1 in)			
Net Weight (loudspeaker only)	19.4 kg (42.8 lb)			
Net Weight (with U-bracket)	23.0 kg (50.6 lb)			
Shipping Weight	27.7 kg (61.1 lb)			
Accessories	Included stainless-steel U-bracket			

Footnotes

(1) Frequency response and range measured on-axis in anechoic environment with recommended bandpass and EQ.
(2) Bose extended-lifecycle test using pink noise filtered to meet IEC268-5, 6-dB crest factor, 500-hour duration.
(3) AES standard 2-hour duration with IEC system noise.
(4) Sensitivity measured in anechoic environment with recommended bandpass and EQ.
(5) Maximum SPL calculated using sensitivity and power ratings, exlusive of power compression.

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For additional specifications and application information, please visit PRO.BOSE.COM. Specifications subject to change without notice.