

CSM88

product group: Coupled Subwoofer Module
system type: (2) 18" MF

A construction

The CSM88 is a high impact, high output, groundstacking subwoofer designed for large format touring sound reinforcement. Loud-speaker complement consists twin air loaded 18" cone drivers, angularly mounted to maximize operational surface area of the system while maintaining the system's low profile and small footprint. The CSM88 features a built in castor and dolly system, and top, side and rear locking skid plates, which allow modules to be stacked either horizontally or vertically. Connections are made via industry standard NL4s. The enclosure is constructed of highly durable 12-ply void-free laminate, dadoed for strength and durability treated with McCauley's ProCoat™ elastomeric finish for long-term weather and road protection. Acoustically transparent foam mounted upon a perforated steel grill is employed for frontal protection of the loudspeaker complement.



Features:

- High-Impact, High Output Performance
- Coupling Subwoofer Module
- Highly Functional, Road-Worthy Construction
- Built-In Castor and Stacking System
- Specifically Designed for Touring

the idea behind it

Although this touring subwoofer system is the primary low frequency counterpart to McCauley's MONARC™ MLA5 line array system, it's high output, high definition output makes the CSM88 ideally suited for any large venue sound reinforcement. Unlike other subwoofer systems, the CSM88 module is specifically designed to couple acoustically with other CSM88s to achieve the ideal low frequency response in larger performance spaces. If deploying in less than (4) CSM88s per group, the LF -3db point is raised significantly and the sensitivity is lowered. For this reason,

CSM88s should always be deployed in tightly packed groups of (4) or more to achieve ideal low frequency coupling. Both very punchy and capable of reproducing extended low frequencies, the CSM88's unique low frequency coupling technology and the system's highly functional enclosure design makes this system ideal for large format sound reinforcement applications.

Applications:

- LF Counterpart to the MONARC™ MLA5
- General Large Format Sound Reinforcement

performance parameters physical properties

power handling	2000w AES	weight	175lbs / 79kgs
frequency response	40Hz - 175Hz	dimensions	30H x 22w x 42D
<i>single CSM88, unprocessed</i>	22Hz - 175Hz	<small>inches</small>	76H x 56w x 107D
<i>quadruple CSM88s, unprocessed</i>		<small>centimeters</small>	
nominal impedance	4Ω	finish	ProCoat™
	<small>(Optionally wired independently @ 8Ω / 8Ω)</small>	enclosure material	5/8" 12-ply Fin Birch
sensitivity	101db	construction	rabbet & dadoed
<small>(1w@1m)</small>		suspension	n/a
calculated SPL	139db	connectors	(2) Parallel NL4
		transducers	(2) 18" XLF