

# SM72

product group: Stage Monitor / P.A.  
system type: LF 12" x HF 3" (coil)



## construction

The SM72 is a compact 2-way full range stage monitor system in a trapezoidal, computer optimized enclosure. Loudspeaker complement consists of a single proprietary 12", paired with a single extended high frequency 3" coil compression driver mounted on a Direct-Q™ 60° conical waveguide. Connections to the SM72 is made by NL4. The enclosure is constructed of durable 12-ply void-free birch laminate, mechanically dadoed for strength and durability. A pole mount is located in one end to allow the system to double as short-throw P.A.. Perforated steel, backed by acoustically transparent foam, is employed for frontal protection of the loudspeaker complement. The system is protected from damage and weatherproofed with McCauley's ProCoat™ elastomeric finish, or is alternatively available in a white, indoor-only finish.



## Features:

Direct-Q™ Propagation Control  
Multiple Low-Profile Positioning Angles  
Superior Vocal Range Reproduction

## Integrated Rigging Points

Superior Vocal Range Reproduction  
Pole Mount Adaptor  
Switchable between Biamp / Passive Modes



## the idea behind it

The SM72 is a low profile, two-way, 60° conical dispersion stage monitor system, designed to meet the rider requirements of national-level touring artists and soundstage / televised events. Featuring McCauley's new Direct-Q™ wave propagation technology, the SM72 integrates the full spectrum of high, mid and low frequencies to create a unified performance field, where Q, directivity and beam width are a constant everywhere within the monitor's 60° performance cone. This technology provides enough output and clarity to cut through any level of stage noise, giving the SM72 an unprecedented gain before

feedback ratio and remarkable pattern control. The system's highly functional, four position design and exceptionally focused full bandwidth response make the SM72 the ideal monitor wedge for a wide array of live performance applications. The inclusion of a pole mount bracket allows the SM72 to double as mobile, short-throw P.A.

## Applications:

High Performance Stage Monitoring  
Short-Throw P.A.

## performance parameters

power handling	LF 800w AES HF 150w AES
frequency response	60Hz - 19kHz
nominal impedance	8Ω LF/ 16Ω HF
sensitivity <small>2.83v @ 1m</small>	LF 96dB HF 110dB
maximum calculated SPL	131dB / 137 dB <small>cont / peak</small>
recommended crossover	1200Hz
directivity / coverage	60° H x 60° V

## physical properties

weight	64lbs / 29kgs
dimensions <small>inches</small>	24H x 14.5w x 13.5D
<small>centimeters</small>	61H x 37w x 35D
finish	ProCoat™
enclosure material	5/8" 12-ply
construction	CNC cut, rabbet & dadoed
hardware	polemount adapter
connectors	NL4
transducers	(1) 12" Midrange (1) 3" coil HF Driver