

Mastiff-KM312P

12" passive 8 ohm stage monitor



DATASHEET

Concert Series Mastiff-KM312P

DESCRIPTION

Zealous fans and demanding performers are important factors that must be taken into consideration for live performance applications.

Which is why K-array designed formidable monitors to meet the needs of live sound. The powerful, low profile Mastiff line is the guard dog musicians need on stage. The larger models of the Mastiff line, the KM312 and the KM312P, are extremely fierce with unquestionable clarity.

Featuring three 12" woofers and producing a maximum SPL output at 136 dB (peak), these hard-hitting speakers are ideal for touring, concerts, music festivals and live events in large venues and are perfect for drum monitoring. The Mastiff KM312 is the active model while the Mastiff KM312P is passive.

The integrated DSP features multiple analog and digital inputs and with the K-dante accessory, the system can be used in Dante

network. The monitors produce ultra-low distortion giving vocals and instruments incredible clarity and precise sound. Both models feature an asymmetrical 100° by 30° horn granting performers the possibility to select a wide or narrow sound emission. And with an incredibly strong stainless steel grill and sturdy birch wood chassis, these monitors are built to withstand any abuse that may incur from the musical acts onstage.

COLORS & PREMIUM FINISHES AVAILABLE



Black

SUGGESTED ACCESSORIES



FEATURES



Selectable Coverage

Full Range

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE

NIGHTCLUBS

LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

BROADCAST & STUDIOS

THEME PARKS

FITNESS & WELLNESS

EVENT PRODUCTIONS

TECHNICAL SPECIFICATIONS

ACOUSTICS	
Power handling	2000W + 800W + 200W
Max Power	4000W
Impedance	LF: 4 Ohm MF-HF: 8 + 8 Ohm
Frequency Range (-10dB)	62Hz-19kHz
SPL 1W@1mt	LF: 100dB MF: 97dB HF: 105dB
Maximum SPL	132dB (cont.) - 138dB (peak)
COVERAGE	
Horizontal	100°-30° (depending on horn orientation)
Vertical	30°-100° (depending on horn orientation)
CROSSOVER	
Type	DSP controlled and passive filter
Frequency	200Hz-1300Hz
TRANSDUCERS	
Low-mid frequency	2 x 12" Neodymium magnet woofer with 2.5" voice coil
High frequency	12" Neodymium magnet woofer with 3" voice coil
High frequency	Neodymium magnet compression driver with 2" voice coil
POWER AUDIO IN/OUT	
Connectors	2 x 4-pin speakon
Wiring	1+ 1- (Passive Crossover MF-HF) 2+ 2- (Woofer)
PHYSICAL OVERVIEW	
Dimensions	82.0 x 53.0 x 33.5 cm (47.95"x 20.47"x 8.26") ⁽¹⁾
Weight	33.5 Kg (73.85 lb)
1. (W x H x D).	
New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.	

