

KM312P

BI-AMP 2X12"+12" COAXIAL PASSIVE STAGE SPEAKER WITH SELECTABLE COVERAGE (BLACK COLOR)

KM312P

The Mastiff-KM312P is a large-format passive stage monitor designed to deliver extreme output, extended frequency response, and uncompromising reliability for the most demanding professional live sound environments. As the most powerful monitor in the Mastiff series, it is built for high-energy stages where impact, clarity, and headroom are essential.

Built around a three-way configuration with three 12" drivers, including two 12" neodymium woofers and a coaxial 12" woofer with a 2.4" compression driver, the Mastiff-KM312P delivers a 60 Hz – 19 kHz (-6 dB) frequency response and reaches an impressive 138 dB peak SPL. This wide bandwidth allows the monitor to cover the entire audible spectrum without the need for an external subwoofer, even in high-output monitoring applications such as drum fills.

The monitor features a selectable dispersion pattern (30°×100° or 100°×30°), enabling precise control of sound coverage depending on stage layout and performer positioning. This adaptability makes the KM312P suitable for both single-monitor use and complex, high-level monitoring setups.

The enclosure combines wood construction with a stainless steel grille, ensuring excellent acoustic performance while withstanding the physical demands of touring and live events.

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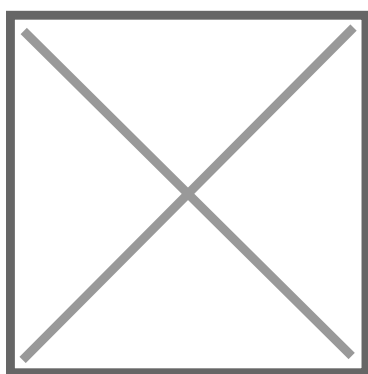
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Coaxial Speaker 3-Way Speaker

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HIGHLIGHTS

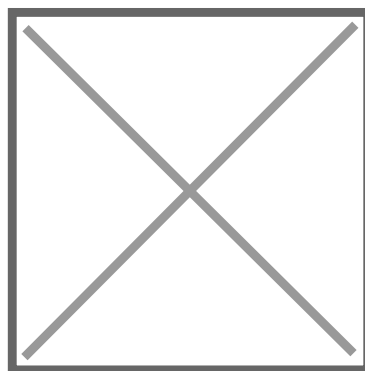


LIKE A LOYAL GUARD DOG

K-array's Mastiff line of low profile, super powerful monitors keep a close watch of onstage musicians to ensure a flawless performance: producing ultra-low distortion, they give vocals and instruments incredible clarity and precise sound.

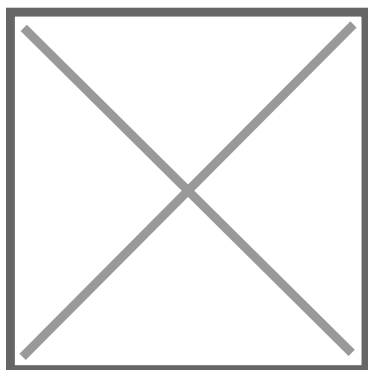
ADJUSTABLE 100° BY 30° HORN

The monitors feature an adjustable 100° by 30° horn granting performers the possibility to select a wide or narrow sound emission.



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**CUSTOM COLORS AVAILABLE UPON
REQUEST**

Mastiff loudspeakers can be customized to match any RAL color to better integrate them in a wide variety of venues.

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PRODUCT DETAILS

KEY FEATURES

- Unique performance-to-size ratio
- Low profile
- Adjustable asymmetrical 30° x 100° horn

SPECIFICATIONS

Type	Passive Loudspeaker
Transducers	2 x 12" neodymium magnet woofer 1 x Coaxial 12" woofer + 2.4" compression driver
Frequency Response	60 Hz – 19 kHz (-6 dB, with dedicated preset)
Max SPL	138 dB (peak, calculated using a signal with crest factor 4 [12dB] measured at 1 m.)
Coverage	Selectable V. 30°/100° H. 100°/30°
Nominal Impedance	4 ? (LF) + 8 ? (MF-HF)
Power Handling	2000 W + 1000 W
Connectors	SpeakOn NL4 1+ 1- (MF-HF); 2+ 2- (LF)
IP Rating	IP20
Dimensions (WxHxD)	820 x 351 x 530 mm (32.3 x 13.8 x 20.9 in.) - 17 mm (0.7 in.) of removable rubber feet are included
Weight	37,5 kg (82.7 lbs.)
Material	Wood (cabinet) / Stainless Steel (grill)
Standard Colors	Black

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Custom colors	Available in any RAL color
Premium Metal Finishes	Not Available