

# Mastiff-KM112

12" coaxial self-powered, low-profile stage monitor



## DESCRIPTION

Like a loyal guard dog on watch, K-array's Mastiff line of low profile, super powerful monitors keep watch of onstage musicians. The Mastiff KM112 and Mastiff KM112P are potent in a small, compact form factor. Both models feature a coaxial 12" woofer and reach a maximum SPL of 133 dB (peak). The self-powered KM112 has a power output

in turn can drive a stereo mix, as well as a Thunder KMT18P for a drum fill, making it one of the most versatile monitors on the market! 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

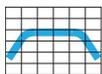
## SUGGESTED ACCESSORIES

K-DANTE

## FEATURES



Selectable Coverage



Full Range



On-Board Touch Screen



Compatible



Lightweight

## FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE

THEATERS & CONCERT HALLS

LARGE CONGREGATIONS

NIGHTCLUBS

BROADCAST & STUDIOS

THEME PARKS

FITNESS & WELLNESS

EVENT PRODUCTIONS

# TECHNICAL SPECIFICATIONS

<b>ACOUSTICS</b>		Digital Connectors	1 male + 1 female 3-pin XLR
Power handling	800 + 200 W	<b>POWER AUDIO OUTPUT</b>	
Max Power	1200 W <sup>(1)</sup>	Connector	Female Speakon
Impedance	8 + 8 Ohm	Wiring	Ch1+ Pin1-=Ch1- Pin2+=N.C. Pin2-=N.C
Frequency range (-10 dB)	70 Hz – 19 kHz <sup>(2)</sup>	<b>REMOTE CONTROL INPUT</b>	
SPL 1W/1mt	LF:98dB HF:105dB <sup>(3)</sup>	Connectors	1 male + 1 female XLR parallel / 1 USB B Jack serial converter
Maximum SPL	127 dB (cont.) – 133 dB (peak) <sup>(4)</sup>	<b>POWER INPUT</b>	
<b>COVERAGE</b>		Connectors	2 x PowerCon IN/OUT
Horizontal	100°-30° (depending on horn orientation)	<b>AMPLIFIERS</b>	
Vertical	30°-100° (depending on horn orientation)	Type	1 module class D – DSP controlled
<b>CROSSOVER</b>		Power	1000W @ 8 Ohm
Type	DSP controlled + passive filter	Protection	Dynamic limiter, over current, over temp, short circuits
Frequency	1300 Hz	<b>AC POWER</b>	
<b>TRANSDUCERS</b>		Nominal power requirements	100 – 240 Vac ±10% 50-60Hz
Low-mid frequency	12" Neodymium magnet woofer with 3" voice coil	Operating range	85 – 265 Vac (auto-range)
High frequency	Neodymium magnet compression driver with 2" voice coil	<b>PHYSICAL OVERVIEW</b>	
<b>AUDIO INPUT</b>		Dimensions	53.0 x 45.0 x 33.5 (20.86" x 17.71" x 13.18") <sup>(6)</sup>
Analog connectors	2 male + 2 female 3-pin balanced XLR	Weight	23Kg (50.7 lbs)

Notes for data

- Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard
- With dedicated preset;
- Measured @4 mt then scaled @1 mt;
- Measured with musical signal
- EIAJ Test Standard, 1KHz, 1%THD
- ( 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.

