

Kommander-KA84

All in one KA amplifier and processing solution



DATASHEET

Installed Sound Kommander-KA84

DESCRIPTION

The Kommander-KA line of power amplifiers are comprised of the KA24 and KA84. The KA24 is a 4 channel per 500W on 4 Ohm and the KA84 is a 4 channel per 2000W on 4 Ohm. Both have 4 fully-independent and configurable channels. The integrated DSP offers EQ, Matrix, Levels, Delays and Limiter functions on every channel, to avoid the need of external additional processors. The front panel has an easy-to-use touchscreen

that gives access to all the basic functions for quick setup and corrections. Both models can be used as a mixer for fixed installations thanks to the microphone and Phantom power options available on every analog IN. 2 GPIO ports give easy external analog controls using K-array accessories. An onboard library preset with K-array speaker gives an optimal and easy configuration for endless combinations. All

DSP functions are remote controlled via the K-framework software over RS485 (3-pin XLR) or integrated USB connector. The amplifier is built into a 2U lightweight, sturdy chassis and comes with a kit of removable rack adapters and four rubber pads for flat surfaces. The KA amplifiers feature optical limiters, and protection against over temperature, over current and short circuits.

COLORS & PREMIUM FINISHES AVAILABLE



Black

FEATURES



On-Board Touch Screen



Lightweight

FREQUENT APPLICATIONS

THEME PARKS

AUDITORIUMS, EDUCATION & GOVERNMENT

HOUSES OF WORSHIP

THEATERS & CONCERT HALLS

BROADCAST & STUDIOS

TECHNICAL SPECIFICATIONS

POWER OUTPUT		Digital Connectors	1 Male + 1 Female 3-Pin XLR
Max Output @ 4Ω	4 x 2000 W ⁽¹⁾	REMOTE CONTROL INPUT	
Max Power @ 8Ω	4 x 1000 W ⁽¹⁾	Connectors	1 Male + 1 Female XLR Parallel 1 USB B Jack Serial Converter
Max Power Bridged @ 8Ω	2 x 4000 W ⁽¹⁾	AUDIO POWERED OUTPUT	
Minimum Impedence	4 Ω (Single Channel Mode) 8 Ω (Bridge Mode)	Connectors	2x4 Pin Speakon NL4
AUDIO SPECS		NL4 1 Wiring	1+1-=A1 / 2+2- =A2
Distortion (THD+N)	<0.09% 1W to full power@4Ω	NL4 2 Wiring	1+1-=B1 / 2+2- =B2
Input Impedence	10 kΩ balanced	AC POWER	
Gain	32 dB	Connector	2 x PowerCon IN / OUT
Output	Unbalanced to Ground	Nominal Voltag	100 - 240V 50/60 Hz with PFC
Bandwidth	20 Hz - 20kHz (±1 dB)	Operating Range	AC 90 - 264V
Damping Factor	>10000 @ 100 Hz	Efficiency	>79% (typical)
PROTECTION		1/8 Rated Power (Pink Noise)@ 8Ω	600 VA
Thermal	Yes	CERTIFICATION	
Short Circuit / Over Load	Yes	IP	20
Clip Limit / Analog Signal Limit	Yes	PHYSICAL OVERVIEW	
AUDIO INPUT		Dimensions	43.0 x 9.4 x 29.5 cm (16.92" x 3.7" x 11.61") ⁽²⁾
Analog Connectors	4 Male + 4Female 3-Pin Balanced XLR	Weight	6.4 kg (14.1 lb)
<p>1. EIAJ Test Standard, 1KHz, 1%THD 2. (W x H x D)</p>		<p>New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from w those presented in this catalogue.</p>	

