K-ARRAY
Unique Audio Solutions

Kommander-KA84

Four channel 8000 W, 2U rack
amplifier and processing solution

Description

The Kommander-KA84 is a powerful 4-channel Class D, 8000 W at 4 Ω rack amplifier and signal processing unit suitable for demanding applications.

The integrated DSP features fully parametric input and output equalizer, signal routing matrix, I/O levels adjustment, delay up to 330 ms and limiter functions on every channel, to avoid the need of external additional processors.

The front panel has an easy-to-use touchscreen that provides access to all the basic functions for quick setup and adjustments.

The onboard preset library offers easy and optimal configuration for endless combinations of K-array loudspeakers and subwoofers.

All DSP functions are remote controlled via the K-framework software over RS485 or integrated USB connector.

The GPIO ports give easy external analog controls using K-array accessories.

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.

Ideal for either high SPL events or in multi-zone applications in medium to large-scale installations, the Kommander-KA84 is ideal for theaters, houses of worship, nightclub & lounges, auditoriums, concert halls and any demanding applications.

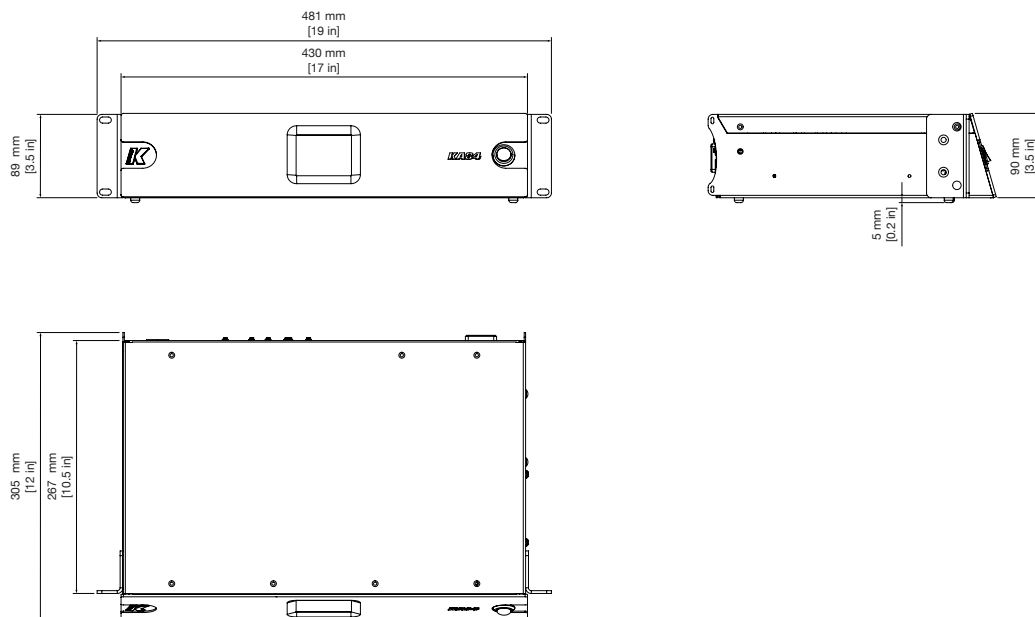| Colors			Features		Frequent Applications	
Black	●		Plug & Play	Integrated DSP	Theme parks	Theaters
			Lightweight	Dante compatible	Auditoriums & Concert Halls	Stadiums & Sports Venues
			Onboard Touch Screen		Restaurants, Cafes & Bistros	Fitness & Wellness

Accessories					
K-USB	K-DANTE	KA-POT1			

Technical Specifications

General

Type	4ch switching mode, Class D Amplifier
Output Power [1]	4x 2000 W @ 4 Ω
Impedance	minimum 4 Ω
Frequency Response	20 Hz – 20 kHz (±1 dB)
Connections	4x XLR (bal) Mic/Line input 4x XLR (bal) parallel line output XLR AES3 input & output KA-POT1 remote volume control inlet 2x NL4 speakOn loudspeaker output USB-B / RS485 for remote control
Built-in DSP	Input gain, routing matrix, delay up to 330 ms, 3x input ch. + 6x output ch. full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), Onboard preset, Remote monitoring
Remote control	K-Framework software via USB or RS485
Protections	Primary AC mains overcurrent/overvoltage, thermal protection, output short circuit, RMS output current protection, high frequency protection, power limiter, clip limiter.
MAINS Operating Range	100-240V AC, 50-60 Hz with PFC
Power Consumption	600 W @ 4 Ω load, Pink noise, 1/8 rated power

Handling & Finishes

IP Rating	IP20
Dimensions (WxHxD) [2]	430 x 89 x 305 mm (17 x 3.5 x 12 in)
Weight	6.4 kg (14.1 lb)
Material	Stainless Steel

Accessories

Serial-to-USB converter	K-USB, K-DANTE, KA-POT1

[1] EIAJ 8/32 test standard

[2] Removable feet and mounting brackets excluded.