

# KA14

All-in-one KA amplifier and processing solution

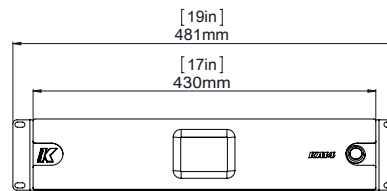
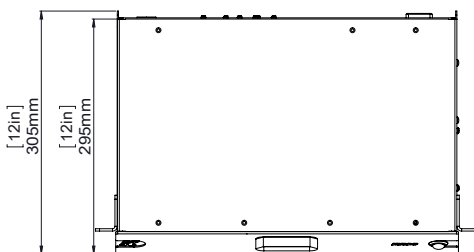


## Features

- 1000 W in just 2 rack units
- XLR and RCA Inputs
- 4 independent, fully-configurable outputs
- Integrated DSP with processing, matrix and delays
- Onboard touch screen for easy access functions
- Onboard K-array loudspeaker presets
- USB connectivity for remote control

## Applications

- Optimized for Lizard, Vyper, Tornado and Rumble speakers
- Restaurants, lounges, retail stores
- Exhibit audio for museum displays
- Portable and installed AV systems



The KA14 is a versatile amplifier, easily adaptable for small applications that do not require a lot of power. Responding to the needs for a simple solution for those who do not have a lot of additional resources, the KA14 is a complete system with a mixer, processor and amplifier.

The KA14 features four fully-independent and configurable output channels (4 x 300 W @ 4 Ω). The integrated DSP offers EQ, Matrix, Levels, Delays and a Limiter to avoid the need for additional external processors. The front panel has an easy-to-use touchscreen that gives access to all the basic functions for quick setup and corrections. The KA14 can be used as a mixer for fixed installations thanks to the XLR and RCA analog inputs.

An onboard library with K-array speaker presets provides configuration for endless combinations of the Lizard, Vyper, Tornado and Rumble loudspeakers. All DSP functions are remote controlled via the K-framework software over USB connector.

The amplifier is built into a 2U lightweight, aluminum chassis and comes with a kit of removable rack adapters and four rubber pads for flat surfaces. KA amplifiers feature optical limiters, and protection against overheating, overcurrent and short circuits.

Installed Sound KA14

Output Power @ 4Ω	<b>Power Output</b> 4 x 300 W <sup>(1)</sup>
Minimum impedance	4 Ω
Distortion (THD + N)	<b>Audio specs</b> 0.005% typical (1W @ 4Ω)
Bandwidth	20 Hz - 20 kHz (±1 dB)
Input Impedance	47 kΩ
Dynamic Range	113 dB
Nominal Voltage Gain (f =1 kHz)	28.2 dB
Thermal	<b>Protection</b> Yes
Short circuit / over-current	Yes
DC Output	Yes
Input Connectors	<b>Audio Input/Output</b> 2 female 3-pin balanced XLR + 3 stereo female unbalanced RCA
Output Connectors	Stereo female unbalanced RCA
Connectors	<b>Remote control Input</b> 1 USB B Jack serial converter
Connectors	<b>Audio powered Output</b> 2 x 4-pin Speakon NL4
NL4 1 wiring	1+1- = A1   2+2- = A2
NL4 2 wiring	1+1- = B1   2+2- = B2
Connector	<b>AC power</b> 3-pin inlet IEC 320 C14
Nominal voltage	100 - 240 V <sub>AC</sub> , 50 - 60 Hz
Operating Range	85 - 264 V <sub>AC</sub>
1/8 rated power (pink noise) @ 4Ω	400 W
IP	<b>Certification</b> 20
Dimensions	<b>Physical</b> 43.0 cm x 29.5 cm x 9.4 cm (16.9" x 11.6" x 3.7")
Weight	3.8 kg (8.0 lbs)

*Notes for data*

- EIAJ Test Standard, 1kHz, 1%THD

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.

