

# SL3000 Technical Data Sheet

## Introduction

The SL3000 Amplifier is a three-way, active control and amplification system specifically designed for the KV2 Audio SL Series modular loudspeaker systems. The SL3000 Stereo Amplifier drives and controls one SL412 per channel and follows the typical KV2 holistic approach of matching components with high quality electronics for true direct performance. The SL3000 utilises a 1000-watt high efficiency – current enhancing, switch – mode technology, with linear active filter design for the low mid-section, a 200-watt class AB push pull low intermodulation design amplifier for the mid-range and a similar 100-watt design for the high frequencies. It houses all time alignment, phase correction, amplification and equalisation as well as providing an external subwoofer crossover output to run further subwoofer cabinets if needed.

## Features

- High Frequency - 100-watt, Class AB, push pull, low intermodulation design
- Mid Frequency - 200-watt, Class AB, push pull, low intermodulation design
- Low Frequency - 1000-watt, high-efficiency, current-enhancing switch mode technology



## Application

Specifically designed as the amplification and control elements for the SL loudspeaker systems in a 4RU mount module

- Fixed Installations

Output Channels	
Number of Channels	2 (stereo)
Total Output Power	2x 1300W

High Frequency Amplifier Specification	
Type	Class AB - Push Pull - Low IM Design, Transformer balanced output
Rated Continuous Power	100W
Distortion	<0.02%
Operating Bandwidth	2,5kHz to 40kHz

Mid Frequency Amplifier Specification	
Type	Class AB - Push Pull - Low IM Design, Transformer balanced output
Rated Continuous Power	200W
Distortion	<0.02%
Operating Bandwidth	400Hz to 2,5kHz

Low Frequency Amplifier Specification	
Type	High efficiency, Current-enhancing switch mode
Rated Continuous Power	1000W
Distortion	<0.02%
Operating Bandwidth	35Hz to 400Hz

Signal Input	
Input Sensitivity	1V RMS
Input Impedance	20kΩ (balanced)

Speaker Output	
Speaker Output	2x AP6

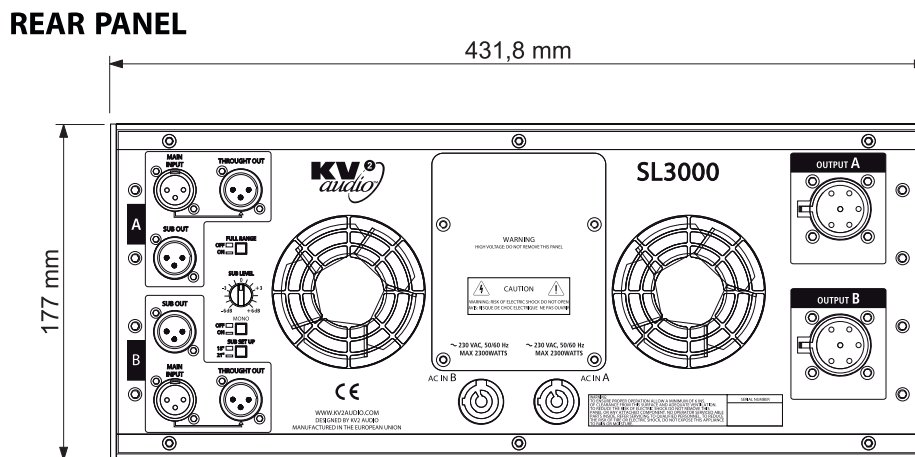
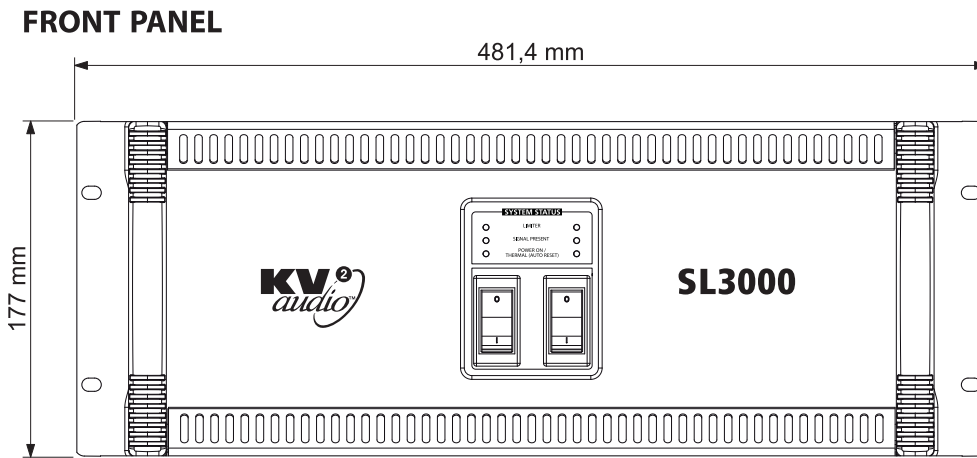
Power	
Power Connector	2x Neutrik PowerCon®
Operating Voltage	115V / 230V / 250V
Operating Voltage Range	100 to 120V@60Hz   205 to 240V@50Hz   225 to 260V@50Hz
Recommended Amperage	2x10A 115V   2x5A 230V   2x5A 250V

Physical Dimensions	
Height	177.8 mm (7.0"), 4RU
Width	481.4 mm (18.95")
Depth	495 mm (19.5")
Weight	39.2 kg (86.62lbs)

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## Dimensional Drawings



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