

# VHD5000S Technical Data Sheet

## Introduction

The VHD5000S is a rack mounted, high efficiency, low/mid amplifier, specifically designed in conjunction with the VHD5000 for powering the VHD5 low/mid loudspeaker system. The unit contains two separate 2500 watt amplifiers with individual power supplies, signal paths and inputs and outputs within a single four rack space chassis. The unit acts as a slave for the VHD5000, which provides audio and control signal.

Product code: KVV 987 356 (230V)



## Application

Specifically designed as the amplification and control for the 1xMid/Hi VHD5.0 part loudspeaker systems with adjacent VHD5000S in a rack mount module

- Large scale Portable PA
- Fixed installations
- Large clubs

Output Channels	
Number of Channels	2
Mid-Bass Frequency Amplifier Specification	
Type	High efficiency, Current-Enhancing, Switched-Rail Amplifier
Rated Continuous Power	2500W
Distortion	<0.05%
Operating Bandwidth	20Hz to 450Hz
Signal Input	
Input Channels	XLR
Input Sensitivity	1.55V RMS
Input Impedance	10k $\Omega$
Signal Output	
Output channels	Through Out
Speaker Output	
Speaker Output	2x AP4

Features	
Indicators	2x Power ON/Thermal, Signal/Limiter/Communication
Remote control	Ethernet
Power	
Power Connector	2x Neutrik PowerCon <sup>®</sup> 32A
Operating Voltage	230V
Operating Voltage Range	195 to 260V AC
Recommended Amperage	2x20A 205V   2x16A 230V
Soft Start	YES
Protection	Thermal breaker
Cooling	Front-to-back, active
Physical Dimensions	
Height	177.8 mm (7.0"), 4RU
Width	481.4 mm (18.95")
Depth	495 mm (19.5")
Weight	42 kg (92.6lbs)

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## Dimensional Drawings

