

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, Low frequency, High current |
| 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 Ω |
| 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 [®] 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) |

VHD5000S Technical Data Sheet

Dimensional Drawings

