

VL-14000

POWER AMPLIFIER CLASS TD

DESCRIPTIONS

The VL-14000 power amplifier class TD from VL Audio. 2-channel 14,000 Watt high power that is low in heat. Dissipation. High wattage, durable, strong, light weight Used for touring events, concerts or installations.

FEATURE

- Current Average Limiter
- Current-Clip Limiter, Direct Current Protection (DC)
- Short Circuit Protection
- Very High Frequency Protection (VHF)
- Voltage Clip Limiter (VPL)
- Temperature protection
- R.SMPS Power Supply

SPECIFICATIONS

Number of Amplifier channels	2
Peak total output	14000W
Peak output voltage per channels	195V
Max output current per channels	36A
Max output power	4Ω 4400W / 8Ω 2350W
Max output power bridged	4Ω 14000W / 8Ω 8800W

PERFORMANCE

THD+N(1kHz) 1/4 Full power @8Ω	<0.1%
Slew Rate	30V/μs
Signal to noise ratio	>95dB
Input impedance	20kΩ Balance / 10kΩ Unbalance

GAIN, SENSITIVITY AND LIMITERS

VPL, selectable per channel	195, 170, 140, 116, 100, 80, 66, 54V
VPL, when bridged	390, 340, 280, 232, 200, 160, 132, 108V
Voltage peak limiter mode(Per channel)	Hard / Soft
Amplifier gain selectable(All channels)	23, 26, 29, 32, 35, 38, 41, 44dB

CONNECTORS AND BUTTONS

Input connectors(Per channel)	3-pin XLR
Output connectors(Per channel)	Binding Posts 2-pole / SpeakOn
Output bridge mode	A+B - Ch.'s A is Input Source
Intelligent fans(On/Off)	Yes, Depending on Presence of Output Signal
Cooling	Dual Fan, Front to Rear Airflow

POWER

Operating voltage, 230V	130-265V
Minimum power-up voltage, 230V	171V
Power average limiter(PAL)	Yes
Soft-start / Inrush current draw	Yes / Max. 5 A
Mains connector	230 V CE: 16A

SIZE

Height	88mm (2U)
Width	483mm
Depth	396mm
Weight	12kg

