

VL-20000Q

POWER AMPLIFIER CLASS TD

DESCRIPTIONS

The VL-20000Q power amplifier class TD from VL Audio. 4-channel 10,400 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
- Duo RSMPS Power Supply

SPECIFICATIONS

Number of Amplifier channels	4
Peak total output	10400W
Peak output voltage per channels	150V
Max output current per channels	17.5A
Max output power	4Ω 2600W / 8Ω 1500W
Max output power bridged	8Ω 1500W

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	150, 121, 101, 83, 70, 56, 47, 38V
VPL, when bridged	300, 242, 202, 166, 140, 112, 94, 76V
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)	SpeakOn
Output bridge mode	A+B, C+D - Ch's A and C are 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	530mm
Weight	14.3kg

