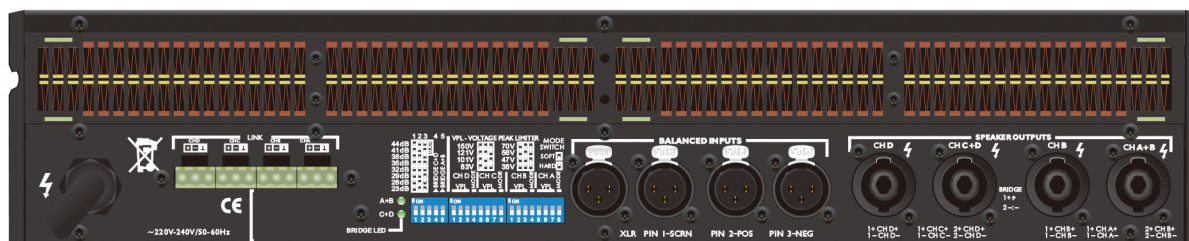




Features and Technical Data

- **Design for public address / outdoor concert and installation application.**
- **Very high power and channel density** The four-channel TD10000Q MKII delivers a total of 10000 W (4 x 2500 W @ 2 ohms) in only 2U.
- **Four-channel flexibility** Four channels in one cabinet increases efficiency, flexibility and value in powering monitor systems, line arrays, and bi- or tri-amped systems. Adjacent channels bridgeable for 2- or 3-channel operation.
- **River Acoustics sound quality** TD10000Q MKII amplifiers maintain the impeccable sonic performance standards set by the original TD Series, with the same durability and even greater efficiency.
- **Patented Class TD amplifier topology** Road-proven output stage delivers Class B audio quality with Class D efficiency.
- **Regulated Switch Mode Power Supply (R.SMPS™)** Output power remains constant even with significant drops in the mains voltage.
- **Efficient cooling system** Unique, lightweight Intercooler® copper cooling system dissipates more heat to allow extended peak output.
- **Adjustable parameters** Selectable Gain, scalable Voltage Peak Limiter (VPL™), and bridge-mode operation allow custom configuration for any system or application.
- **XLR input and link connectors**
- **Heavy-duty binding posts**
- **Comprehensive protection and warning** Excessive output current, DC, high temperature, very high frequency (VHF), short circuit, open load, mains fuse protection, and soft start.



Specifications

General

Number of channels	4
Peak total output both channels driven	10000 W
Peak output voltage per channel	150 V

Max. Output Power

	2 ohms	4 ohms	8 ohms
Per ch. (all ch.'s driven)	2500 W	2100 W	1300 W
Bridged per ch.	n.r.	5000 W	4200 W

Performance with Gain: 35 dB and VPL: 195 V

THD 20 Hz - 20 kHz for 1 W	<0.1%
THD at 1 kHz and 1 dB below clipping	<0.05%
Signal To Noise Ratio	>112 dBA
Channel separation (Crosstalk) at 1 kHz	>70 dB
Frequency response (1 W into 8 Ω) +0/-3 dB	6.8 Hz - 34.2 kHz
Input impedance	20 k Ω
Common Mode Rejection (CMR)	>54 dB
Output impedance @ 100 Hz	32 m Ω

Gain and Level

Amplifier gain selectable	23, 26, 29, 32, 35, 38, 41, 44 dB
Default gain	35 dB
Level adjustment (per ch.)	Front-panel potentiometer, 31 position detented from -inf to 0 dB

Connectors and Switches

Input connectors (per ch.)	3-pin XLR, electronically balanced
Output connectors (per ch.)	Neutrik Speakon or Binding Posts (must be specified upon order). BP only on LA14K
Output bridge mode	A+B - Ch. A is signal input source. A+B, C+D - Ch.'s A and C are input source
Intelligent fans (on/off)	Yes, depending on presence of output signal
Power on/off and Remote enable on/off	Individual switches on front-panel
Cooling	Two fans, front-to-rear airflow, temperature controlled speed

Front-panel indicators:

Common	NomadLink network; Power Average Limiter (PAL) 4; Power on
Per channel	Signal present / High-impedance; -20 dB, -15 dB, -10 dB and -4 dB output signal; Voltage Peak Limiter (VPL); Current Peak Limiter (CPL); Very High Frequency (VHF); High temperature; Fault; Mute

Dimensions

W: 483 mm (19"), H: 88 mm (2 U), Overall D: 396 mm (15.6"),
Mounting D: 358 mm (14.1")

Weight

12 kg (26.4 lbs.)

Finish

Black painted steel chassis with black painted steel / aluminum front