## Lab.gruppen FP 10000Q 230E 10000W 4-Ch Amplifier w NomadLink Network Monitoring/Dedicated Control for Touring Applications/230E

4 ohms5000 V8 ohms4200 V16 ohms2600 VPerformance2600 VTHD 20 Hz - 20 kHz at 1 W<0.1%THD at 1 kHz and 1 dB below clipping<0.05%Signal to Noise Ratio>112 cChannel separation (Crosstalk) at 1 kHz>70 dFInput impedance20 kOFCommon Mode Rejection (CMR)>54 dFGain, Sensitivity and LimitersVPL, selectable per ch150, 12VPL, when bridged 2300, 24Voltage Peak Limiter mode (per ch.)Hard /	eak n) V V V V C Commended 1 V V V V V V V V V V V V V V V V V V V
driven10000Peak output voltage per channel150 VMax output current per channel50 A prMax output power (all channels driver 2 ohms2500 V4 ohms2100 V8 ohms1300 V16 ohms660 WMax output power bridged22 ohms1300 V8 ohms1300 V16 ohms660 WMax output power bridged22 ohmsNot read4 ohms5000 V8 ohms4200 V16 ohms2600 VPerformanceTHD 20 Hz - 20 kHz at 1 WTHD 20 Hz - 20 kHz at 1 W<0.050	eak n) V V V V C Commended 1 V V V V V V V V V V V V V V V V V V V
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Voltage Peak Limiter mode (per ch.)Hard /Amplifier gain selectable (all channels) - rear-panel switches 223, 26,	42, 202, 166, 140, 112, 94, 76 V
Amplifier gain selectable (all channels) – rear-panel23, 26,switches 2	
Default gain 35 dB	, 29, 32, 35, 38, 41, 44 dB
Level adjustment (per channel)	panel potentiometer, 31 position detented from -inf to
Connectors and Buttons	
Output connectors (per ch.) Neutri	k speakON
Input connectors (per ch.) 3-pin X	LR, electronically balanced
	Ch. A is signal input source. A+B, C+D - Ch.'s A and C are input source
	ard, 2 x RJ45 connectors IN and OUT
	epending on presence of output signal
Power on/off and Pomoto	lual switches on front-panel
	an, front to rear airflow, no filter required, temperature controlled speed
Front-panel user interface	, ,
	Link Network; Power Average Limiter (PAL)4; Power on
Signal	present / High-impedance; -10 dB and -4 dB output signal;Voltage Peak Limiter Current Peak Limiter (CPL): Very High Frequency (VHF); High temperature;
Power	
Operating voltage, 230 V / 115 V nominal 3	55 V / 65 -135 V
Minimum power-up voltage, 230 V / 115 V 171 V	

Power Average Limiter (PAL) 4	Yes
Soft-start / Inrush Current Draw	Yes / max. 5 A
Mains connector	230 V CE: 16 A, CEE7; 115 V ETL: 30 A Twist lock
Dimensions	
Dimensions	W: 483 mm (19"), H: 88 mm (2 U), D: 396 mm (15.6")
Weight	
Weight	12 kg (26.4 lbs)
Finish	
Finish	Black painted steel chassis with black painted steel / aluminum front
Approvals	
Approvals	CE, ANSI/UL 60065 (ETL), CSA C22.2 NO. 60065, FCC