



SPECIFICATIONS E11EVEN EP-2K4

General Info

Number of channels	4
Peak total output both channels driven	3000 W
Peak output voltage per channel	101 V
Max. output current per channel	38 A peak

Max Output Power

Per ch. (both ch.'s driven)	4ohms	8ohms	16ohms
Bridged per ch.	600 W	300W	150 W
	1600 W	1200 W	600 W

Performance with Gain, 35dB

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 ohms) +0/-3 dB	6.8 Hz - 34 kHz
Input impedance	20 kOhm
Common Mode Rejection (CMR)	>54 dB, 20Hz to 20 kHz
Output impedance @ 100 Hz	32 mOhm

Voltage Peak Limiter, Max Peak Output

VPL, selectable per ch.	101, 83, 70, 56, 47, 38 V
VPL, selectable when bridged ²⁾	202, 166, 140, 112, 94, 76 V
Voltage Peak Limiter mode (per ch.)	Hard / Soft

Gain and Level

Amplifier gain selectable (all channels) ²⁾	23, 26, 29, 32, 35, 38, 41, 44 dB
– rear-panel switches	
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)
Output bridge mode per two ch.'s	A+B - Ch. A is signal input source
NomadLink network	On board, 2 x RJ45 etherCON® connectors, IN and OUT
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

Power

Operating voltage, 230 V / 115 V nominal ³⁾	130-265 V / 65-135 V
Minimum power-up voltage, 230 V / 115 V	171 V / 85 V
Power Average Limiter (PAL) ⁴⁾	Yes
Soft start / Inrush	Yes / max. 5 A
Current Draw Mains connector	230 V CE: 16 A, CEE7; 115 V ETL: 20 A Twist lock

Dimensions

Weight

Finish

Warranty

Approvals

W: 483 mm (19"), H: 88 mm (2 U), Overall D: 396 mm (15.6"), Mounting D: 358 mm (14.1")
12 kg (26.4 lbs.)

Black stainless steel with pink stainless steel/aluminum front
3 year limited warranty

CE, ANSI/UL 60065 (ETL), CSA C22.2 NO. 60065, FCC

Note 1): The amplifier will be fully operational in bridge-mode into 2 ohm and high impedance (Hi-Z) loads, but due to physical constraints in the construction, the max output power will not be significantly higher than running individual channels and therefore this mode of operation is not recommended.

Note 2): Automatic -6 dB gain compensation when bridging channels.

Note 3): Separate 230 V or 115 V versions available. Not selectable on the amplifier.

Note 4): PAL can reduce the maximum output power to keep the power supply operating safely, and/or to prevent excessive current draw tripping the mains breaker.

All specifications are subject to change without notice.

