

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

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| Number of amplifier channels | 4 |
| Peak total output all channels driven | 10000 W |
| Peak output voltage per channel | 150 V |
| Max output current per channel | 50 A peak |
| Max output power (all channels driven) | |
| 2 ohms | 2500 W |
| 4 ohms | 2100 W |
| 8 ohms | 1300 W |
| 16 ohms | 660 W |
| Max output power bridged | |
| 2 ohms | Not recommended 1 |
| 4 ohms | 5000 W |
| 8 ohms | 4200 W |
| 16 ohms | 2600 W |
| Performance | |
| THD 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 dBA |
| Channel separation (Crosstalk) at 1 kHz | >70 dB |
| Input impedance | 20 kOhm |
| Common Mode Rejection (CMR) | >54 dB, 20 Hz - 20 kHz |
| Gain, Sensitivity and Limiters | |
| VPL, selectable per ch | 150, 121, 101, 83, 70, 56, 47, 38 V |
| VPL, when bridged 2 | 300, 242, 202, 166, 140, 112, 94, 76 V |
| Voltage Peak Limiter mode (per ch.) | Hard / Soft |
| Amplifier gain selectable (all channels) - rear-panel switches 2 | 23, 26, 29, 32, 35, 38, 41, 44 dB |
| Default gain | 35 dB |
| Level adjustment (per channel) | Front-panel potentiometer, 31 position detented from -inf to |
| Connectors and Buttons | |
| Output connectors (per ch.) | Neutrik speakON |
| Input connectors (per ch.) | 3-pin XLR, electronically balanced |
| Output bridge mode | A+B - Ch. A is signal input source. A+B, C+D - Ch.'s A and C are input source |
| NomadLink network | On board, 2 x RJ45 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 | Dual fan, front to rear airflow, no filter required, temperature controlled speed |
| Front-panel user interface | |
| Common | NomadLink Network; Power Average Limiter (PAL)4; Power on |
| Per channel | Signal present / High-impedance; -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 |

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|-------------------------------------|---|
| 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 |