

## Lab.gruppen FP 14000 230E 14000W 2-Ch Amplifier w NomadLink Network Monitoring/Dedicated Control for Touring Applications/230E

**This listing is for FP 14000 230E Amplifier only. Use description below as a general reference.**

### **Built to Handle Extreme Low-Frequency Loads Effortlessly...**

Over the past decade, the tight and transparent sound of LAB GRUPPEN touring amplifiers has earned the praise of renowned FOH engineers and leading sound rental companies worldwide. FP 14000, the new flagship model of the FP+ Series, advances this tradition by further augmenting effective power output to effortlessly handle extreme low-frequency loads. The Regulated Switch Mode Power Supply (R.SMPS) has been updated to provide more sustained high power during extended bursts of low frequency content, while at the same time ensuring stable rail voltages even with wide fluctuations of external mains voltage. The forceful, high-current (83 A peak) output stage relies on LAB GRUPPEN's patented Class TD topology, a breakthrough in amplifier technology that approaches the efficiency of Class D while retaining the sonic purity of proven Class B designs. A highly refined and efficient circuit layout further optimizes the interaction of R.SMPS and Class TD to produce the unprecedented power density of the FP 14000.

### **Features:**

- 14,000 Watt, 2-channel amplifier with up to 7,000 Watts output per channel and NomadLink network for monitoring and control
- Selectable gain plus scalable Voltage Peak Limiter (VPL) and bridge-mode operation allow custom configuration for any application
- 2 x 7,000 Watts into 2 Ohms, 230V US
- Proven and reliable Class-TD output stage delivers Class-A/B audio quality with Class-D efficiency
- Regulated Switch Mode Power Supply (R.SMPS) ensures constant power output at all times
- Intuitive DeviceControl software monitors and controls key functions via the NomadLink network
- Comprehensive protection scheme including current, voltage, DC, temperature, short circuit and open load warnings
- Efficient Intercooler copper cooling system dissipates more heat for extended peak output
- 2 x balanced analog audio inputs and 2 x link outputs on Neutrik XLR\* connectors
- 2 NL4 Neutrik speakON\* output connectors
- Removable dust filter grilles for increased air circulation
- Rugged 2U rackmount chassis for durability in touring applications
- 10-Year Warranty Program\*
- Designed and engineered in Sweden