

# Electro-Voice L1800FDUS L-Series DSP Power Amplifier 2x950W US

Load Impedance	2 Ohms 2.6 Ohms 4 Ohms 8 Ohms
Maximum Output Power	Single Channel 2 Ohms: 1600 W 2.6 Ohms: 1300 W 4 Ohms: 950 W 8 Ohms: 480 W  Dual Channel 2 Ohms: 1400 W 2.6 Ohms: 1200 W 4 Ohms: 850 W 8 Ohms: 450 W  Bridged 4 Ohms: 2800 W 8 Ohms: 1700 W
Maximum RMS Voltage Swing	65.1 V
Voltage Gain	32.0 dB (ref 1 kHz)
IMD SMPTE	IMD-SMPTE, 60 Hz, 7 kHz: < 0.1%
DIM 30	< 0.05% (3.15 kHz, 15 kHz)
Maximum Input Level	+21 dBu
Crosstalk	< -80 dB (ref. 1 kHz, at 100 W / 4 Ohms)
Frequency Response	10 Hz to 21 kHz ( $\pm 1$ dB)
Input Impedance	20 kOhms
Signal-to-Noise Ratio (SNR)	> 105 dB (A-weighted)
Output Noise	< -68 dBu (A-weighted)
Total Harmonic Distortion	< 0.05% (at 600 W / 4 Ohms MBW = 80 kHz, 1 kHz)
Topology	Class-AB
Signal Processing	FIR filters Audio limiters Output delay per channel 31-band GEQ per channel PEQ per channel Load impedance
Protection	Audio limiters High temperature DC HF Back-EMF Peak current limiter Inrush current limiters Turn on delay
Cooling	Front-to-rear, 3-stage-fans
Safety Class	I
Color	Black
Operating Temperature	40 to 105°F / 4 to 41°C
Power	Power Requirement: 120 VAC, 60 Hz Power Consumption: 700 W (1/8 maximum output power @ 4 Ohms) Mains Fuse: T20AH
Dimensions (H x W x D)	3.5 x 19.0 x 18.2" / 88.9 x 482.6 x 462.3 mm
Weight	33.5 lb / 15.2 kg