
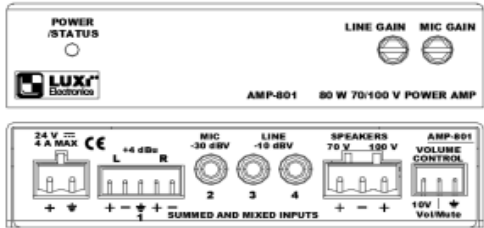

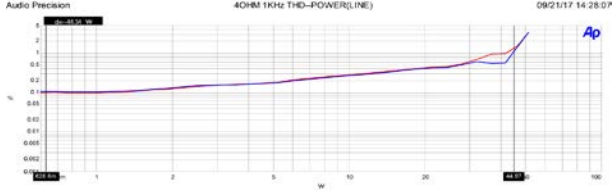





Product Specifications 90 W mono 70/100 V power amp	Part Number: 76-006-01 Model: AMP-901
Product Image 	Product Drawing 
Features and Benefits <ul style="list-style-type: none"> > World's smallest 90 W 70/100 V power amp; only 1 inch (2.5 cm) high, can fit in many tight spaces others can't > One of the most efficient (up to 92%) class D power amps, no fans, no special ventilations needed; most reliable > Full array of 4 inputs including 1 bal/unbal input, 1 wireless mic receiver input, 2 line inputs > All 4 inputs mixed to eliminate switching needs and pops > Separate line gain and mic gain (independent from volume) > Remote 10k pot volume control for the instant changes and ultra fine volume adjustments with infinity number of steps > Mute control for emergency PA duck > EnergyStar qualified > Ultra low 0.07% THD+N, ultra high 95 dB S/N at rated power > Clip limiter > Full over or under voltage, overheat, DC, short protections > Multiple internal switching frequencies to prevent AM noises > UL rated (on external power adaptor) > Status indication LED > Rack mountable, under-table mountable, above-projector, behind flat TV mountable metal enclosures 	Mechanical Enclosure material: steel Enclosure size: 4.29" x 1.00" x 6.00" (10.9 x 2.5 x 15.2 cm)
Package One piece in one color cardboard box; with captive screw plugs and quick start guide no power adaptor  Box size: 7.4" x 6.1" x 1.1" (18.9 x 15.4 x 2.8 cm) Weight: package, 2.8 lb (1.28kg); product, 2.5 lb (1.15kg) 20-pc box size: 12.4" x 11.6" x 9.4" (31.5 x 29.5 x 24.0 cm) 20-pc box weight: 53 lb (24 kg)	Electrical (all numbers are typical) Gain (from input to 70 V speaker out) Bal: 35 dB; Line: 47 dB; Mic: 57 dB Stereo channel separation: NA CMRR (Bal input only): 75 dB at 1 kHz Input connectors: Bal/unbal: 5-pin 3.5 mm captive screws Line: two stereo TRS 3.5 mm mini jacks Mic: mono TS 3.5 mm mini jack Input impedance: Bal/unbal: 30k ohms; Line: 24k ohms Mic: 47k ohms Nominal input levels: Bal/unbal: +4 dBu (1.23 V) balanced Line: -10 dBV (316 mV) unbal; Mic: -20 dBV (100 mV) unbal Max input levels: Bal/unbal: +26 dBu (15.6 V) balanced Line: +12 dBV (3.9 V); Mic: +1 dBV (1 V) Input sensitivity: Bal/unbal: -8 dBu (0.31 V) balanced Line: -22 dBV (79 mV); Mic: -32 dBV (25 mV) Speaker outputs: 70 V and 100 V on separate pins Rated output power: 80 Wrms, 70 V output, 1 kHz, 1% THD 90 Wrms, 100 V output, 1 kHz, 1% THD Frequency response: 20 to 20k Hz +1/-2 dB THD+N: 0.07% at 1 W S/N: 95 dB, 20 to 20 kHz, unweighted, at rated power Damping factor: >100
Connections Input connectors: 4 inputs on captive screws and mini jacks Output connector: 3-pin 5 mm captive screw receptacle Power connector: 2-pin 5 mm captive screw receptacle Control connectors: 3-pin 3.5 mm captive screw receptacle	
Other Related Products Power adaptor, 100-240 V in on US plug, 24 V out, P/N 69-008-03  Under desk mount, P/N 78-002-01  50 W x2 power amp P/N 76-005-01 	Controls: Front panel Line Gain and Mic Gain recessed pots Line signals are controlled by main volume; Mic is not. Rear panel volume control: 0-10 V DC, external 10k pot Emergency PA mute by shorting the center pin to ground Power consumption: 24 V DC, up to 4 A Optional power supply: Not included. Luxi 69-008-03 Auto switching 100-240 V AC input on US plug, 24 V DC 2.7 A max on bare wires, wall ward type, UL, PSE, CE, FCC Mounting: Not included. Luxi under desk mount 78-002-01 compatible with several Extron and Middle Atlantic mounts Regulatory compliance Safety: CE, cUL, UL (power adaptor only) EMI/EMC: CE, FCC Class A MTBF: 30,000 hours Warranty: 3 years parts and labor