
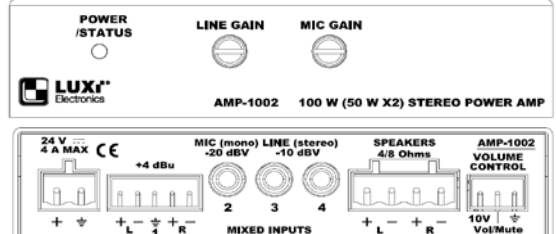

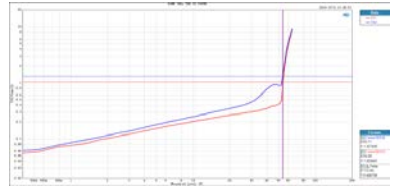





Product Specifications 100 W (50 W x2) power amp	Part Number: 76-005-01 Model: AMP-1002
Product Image 	Product Drawing 
Features and Benefits <ul style="list-style-type: none"> > World's smallest 100 W (total) power amp; only 1 inch (2.5 cm) high, can fit in many tight spaces others can't > One of the 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 0.04% THD+N, ultra high 90 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 3.00" (10.9 x 2.5 x 7.6 cm) Electrical (all numbers are typical) Gain (from input to speaker out at rated power) Bal: 20 dB; Line: 32 dB; Mic: 42 dB Stereo channel crosstalk: 77 dB at 1 kHz CMRR (Bal input only): 66 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: 3.2k ohms Mic: 3.2k 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 impedance: 4 to 16 ohms Typical output power: 54 Wrms x2, 4 ohm load, 1 kHz, 1% THD 32 Wrms x2, 8 ohm load, 1 kHz, 1% THD (*see manual) Frequency response: 20 to 20k Hz +0/-0.7 dB at 8 ohm THD+N: 0.037% at 1 W, 8 ohm S/N: 90 dB, Line input, unweighted, at 1% THD Damping factor: >100 at 8 ohm
Package One piece in one color cardboard box; with captive screw plugs and quick start guide no power adaptor  Box size: 5.9" x 4.8" x 1.1" (15.0 x 12.2 x 2.8 cm) Weight: package, 0.73 lb (0.33kg); product, 0.55 lb (0.25kg) 36-pc box size: 15" x 12.6" x 8" (38 x 32 x 20.5 cm) 36-pc box weight: 28 lb (12.7 kg)	 Connections Input connectors: 4 inputs on captive screws and mini jacks Output connector: 4-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  90 W 70/100 V power amp P/N 76-006-01  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