



LA-1

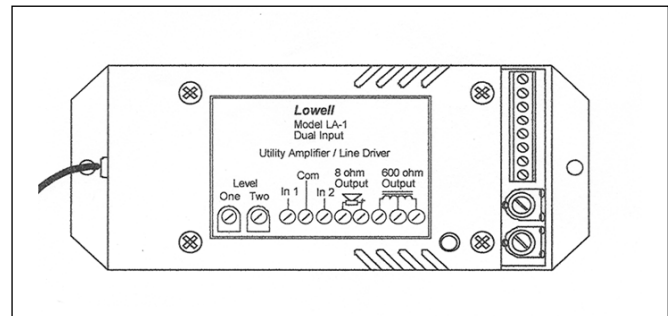
Quality Features

- Two Hi-Z inputs.
- 8 ohm and balanced line outputs.
- 2 watts output (Into 8 ohms).
- Compact size for convenient installation.
- UL Listed power supply.

Description

Lowell's Model LA-1 is a two-input utility amplifier / line driver that is ideal for applications such as music and messaging on hold, multiple headphone systems, small speaker installations, or for driving long distance balanced lines. Dual input controls allow for precise adjustment of input signals from different sources such as background music and voice paging systems. All input connections are easily accessed via barrier strip screw terminals. The compact design of the LA-1 allows for easy installation to a wall or inside a cabinet using Lowell Model L15-310E rackmount shelf (order separately) with pre-punched mounting holes for electronic accessories. To meet most code requirements, the LA-1 includes an attached UL Listed power supply with a 6' cord.

The LA-1 may also be used with Lowell's impedance matching transformer Model TLM-600 to accept balanced input lines.



A & E Specifications

Dual input utility amplifier / line driver shall be Lowell Model LA-1. The amplifier/line driver shall have dual input controls for adjustment of input signals from different sources. The amplifier shall have a power output of 2 watts into 8 ohms (+11dBm into a 600 ohm balanced line). Connections to the amplifier shall be made via barrier strip screw terminals. The amplifier shall include a UL Listed power supply with a 6-foot cord. The steel housing shall be ventilated and have holes for mounting to a wall or onto a rack panel such as Lowell Model L15-310E. The housing shall be finished in semi-gloss black powder epoxy.

Model	Power Output	Frequency Response	Input Impedance	Input Sensitivity	Output Impedance	Power Requirements	Dimensions L x W x H	Weight (w/Power Supply)
LA-1	2W into 8 Ohms	60Hz - 20kHz ±1.5dB	50K Ohms	200mv	8 Ohms, 600 Ohms	117 VAC, 60Hz 145mA	7" x 3" x 1.625"	1.5 lbs.



LA-1

Utility Amplifier / Line Driver

**A
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Accessories for LA-1 (order separately)



L15-310E

19"W SHELF SPECIFICATIONS

Model	Description	Rack Units	Panel Space	Depth	Useable Width	Weight	Load Rating
L15-310E	Punched shelf with solid front panel	2 RU	3.5"	10"	17.562"	5.5 lbs.	50 lbs.



TLM-600

IMPEDENCE MATCHING TRANSFORMER

Model	Inputs	Outputs	Power Rating	Frequency Response	Insertion Loss	Dimensions L x W x H	Weight
TLM-600	70V, 25V, 25K Ohm*	Bal. 600 ohm*, 150 Ohm*	200 mW (max)	50Hz-20kHz ±2dB	1.5dB@1kHz	5" x 3" x 1.75"	.75 lb.

* May be used as "inputs" or "outputs" to satisfy application requirements.

12"/10"
Speakers & Accessories

8"
Speakers & Accessories

6"
Speakers & Accessories

4"
Speakers & Accessories

Horn
Speakers & Accessories

Masking
Speakers & Generators



Relays & Devices