



Features:

- 260 watts continuous
- Efficient, circuitry
- Low cost per watt
- Only 7 tubes
- Automatic warm-up
- High voltage safety protection
- Remote or local control
- 117 v output for motor operation
- Utmost reliability

HIGH POWER FOR: MILITARY COMPLEXES — SCHOOLS — FACTORIES SOUND REINFORCEMENT — RAIL, BUS & AIR TERMINALS HOTELS — LABORATORIES MOTOR CONTROL — RESEARCH

This amplifier will deliver 260 watts of low distortion power over a wide frequency range. This high specified power is available CONTINUOUSLY at 2% or lower distortion over the entire spectrum. Every care has been taken in its design to meet the safety, quality and reliability requirements of large public address and industrial sound systems and the specialized needs of industrial control and laboratory applications.

Output voltage regulation is held to less than 1 db. Output connections will accommodate conventional low impedance speaker loads, 70 volt distribution lines, and will provide 140 volts or 117-125 volts for the operation of motors at controlled frequencies.

An automatic delay relay in the power circuit assures an adequate warm-up period for the main tube complement without operator supervision and also makes it possible to install fully remote on-off control. Complete safety from high voltages is assured the operator by an interlock switch on the front cover which automatically turns off the amplifier when the cover is removed, and by bleeders on the high voltage condensers.

The carefully engineered circuit is exceptional in its simplicity using only seven high capacity broadcast type tubes instead of a large quantity of small receiver tubes. This circuit simplicity is important from the standpoint of reliability, maintenance and the cost of spares and replacements.

For high powered public address, music and industrial sound systems the 260A will be found far more reliable and economical than a number of smaller amplifiers. In industrial control use its extreme stability and high continuous rating make it the obvious choice for the operation of motors and shake tables at selected frequencies. The 260A is designed for standard relay rack mounting and there is an accessory cabinet available for wall mounting.



A Division of  Ling Altec, Inc.

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SPECIFICATIONS

Gain:	50 db; 30 db, bridging 600 ohm line
Input Sensitivity:	1.2 v rms/600 ohms
Power Output:	260 watts @ less than 2% thd, 45 cycles—15 KC
Frequency Response:	@ 10 watts, ± 0.5 db, 20-20,000 cps; ± 3 db, 5-70,000 cps
Source Impedance:	500/600 ohms and 5,000 ohms bridging
Load Impedance:	9, 19 (70 v line), 65 (130 v line) ohms
Output Impedance:	Less than 12% of nominal load impedance
Noise Level:	-16 dbm; 70 db below rated output
Controls:	Meter switch—Plate current balance
Power Supply:	105/117/125 volts, 60 cycles, 740 watts
Tubes:	Two 6AU6, two 813, two 3B28, one 5R4GYA
Dimensions:	18" H x 19" W x 14 $\frac{1}{4}$ " D
Color:	Green
Weight:	186 lbs.

ACCESSORIES

12156 wall mounting assembly

ARCHITECTS AND ENGINEERS SPECIFICATIONS

The amplifier shall be of the rack mounting type measuring not more than 18" H, 19" W, and 14 $\frac{1}{2}$ " D. Provisions shall also be available for wall mounting. It shall be equipped with interlock switch to disconnect the high voltage supply whenever it becomes necessary to expose any of the components. This safety feature shall be augmented by automatic filament warm-up delay relay enabling remote on and off control of the amplifier. Instantaneous on-off control of tube plates shall be available by installing proper external relays. The amplifier shall include a meter and necessary switching for checking plate current balance. The meter and switch shall be mounted on the control panel attached to the amplifier and located in the center of the front safety cover. This panel shall also include a pilot light and an on-off switch. Any amplifier not including these features or utilizing a separate tube condition meter shall not be acceptable under these specifications.

Power output shall be 260 watts with less than 2% total harmonic distortion over the frequency range of 45 to 15,000 cycles. The frequency response at 10 watts shall be $\pm .5$ db from 20 to 20,000 cycles and ± 3 db in the range from 5 to 70,000 cycles. The noise level shall be -16 dbm: 70 db below rated output. The overall gain of the amplifier shall be 50 db; 30 db bridging 600 ohm line. The output impedance shall be 9, 19 (70 v line), 65 (130 v line) ohms. The output impedance shall be less than 12% of nominal load impedance. Output connections shall provide for low impedance speaker loads, 70 v line, and a 65 ohm tap for 140 v line or 117-125 v to operate motors at various frequencies. The source impedance shall be 500/600 ohms and 5,000 ohm bridging. The power amplifier shall have selectable primary voltage taps of 105/117/125 v, 60 cycles, and shall not draw more than 740 W from the primary source. The tube complement shall consist of two 6AU6, two 813, two 2B28, one 5R4GYA. The unit shall be finished in green and shall weigh in the order of 186 pounds.

Any power amplifier which does not have a tertiary winding in the output transformer to free the load circuit from the amplifier ground shall not be deemed acceptable under these specifications.

The amplifier shall be Altec Lansing Model 260A.

NOTICE

We recommend that you obtain your Altec products from factory trained authorized Altec Sound Contractors and Distributors. This will assure you of proper installation, a continuing source of knowledgeable advice, service, and quick warranty protection.