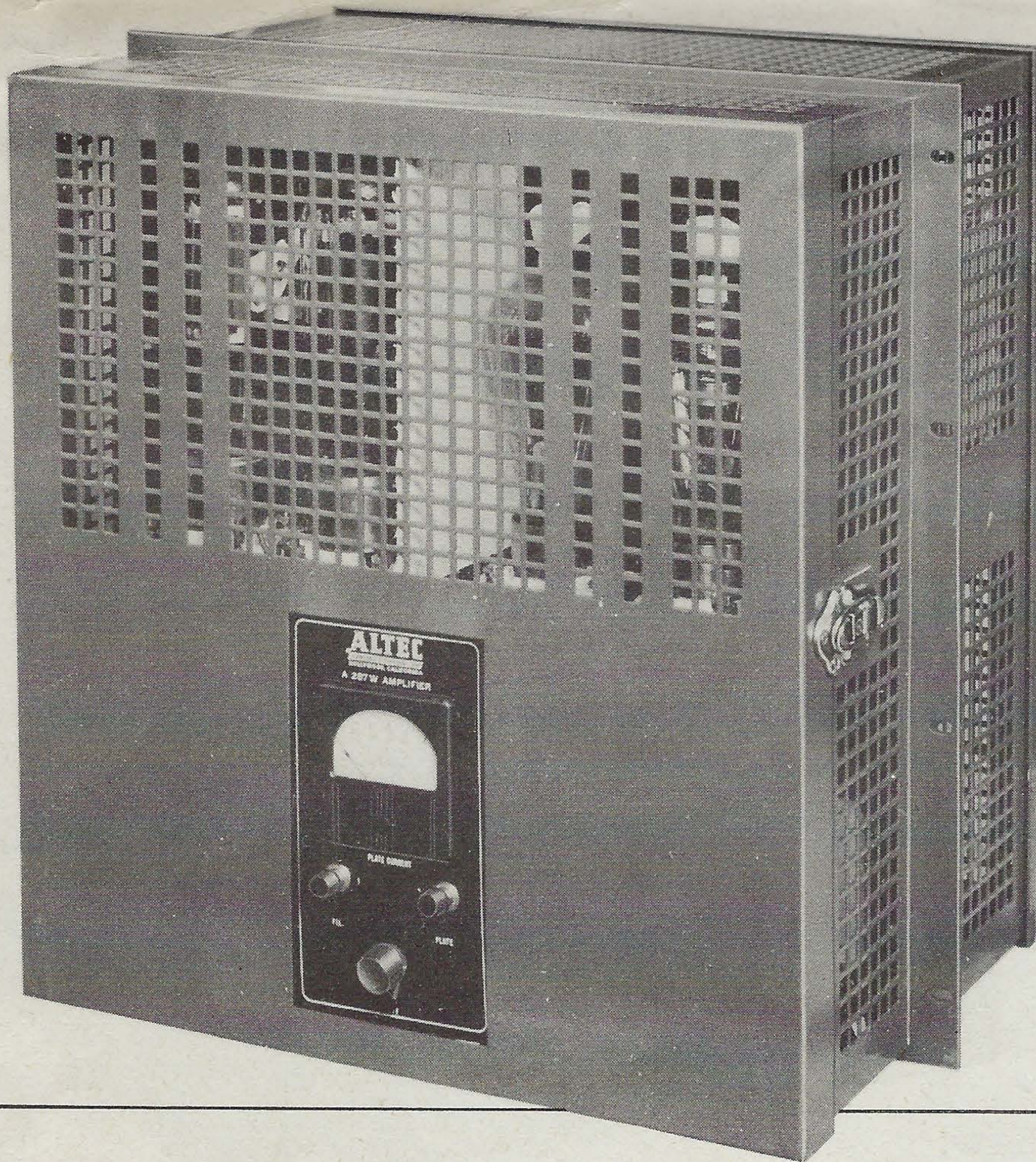




A-287 W AMPLIFIER

The A-287W amplifier is a 250 watt, Class B power amplifier especially adaptable to large public address and sound system installations where large audio powers are required in one package. The amplifier will develop full rated power of $\frac{1}{4}$ kilowatt in the range of 100 to 10,000 cycles.

The A-287W amplifier has been found to be especially adaptable in sound systems for large industrial plants, racetracks, ball parks, skating rinks, athletic arenas, airports, carillons, large auditoriums, outdoor uses where long distances and large areas are to be covered, and for special research applications.

The A-287W amplifier is a one stage amplifier using two 805 vacuum tubes and having a self contained power supply using two 866-A rectifier tubes. This amplifier has no input transformer and requires a driver amplifier having a minimum undistorted output of 15 watts with a 3000 ohm center tapped output impedance. The Altec Lansing A-127-B and A-255-A amplifiers are particularly designed for driving the A-287W.

Components of the A-287W amplifier are mounted on either side of a $\frac{3}{8}$ " steel tank plate.

The individual components such as resistors, condensers and transformers are designed for ample safety factor against momentary overloads and high line voltage.

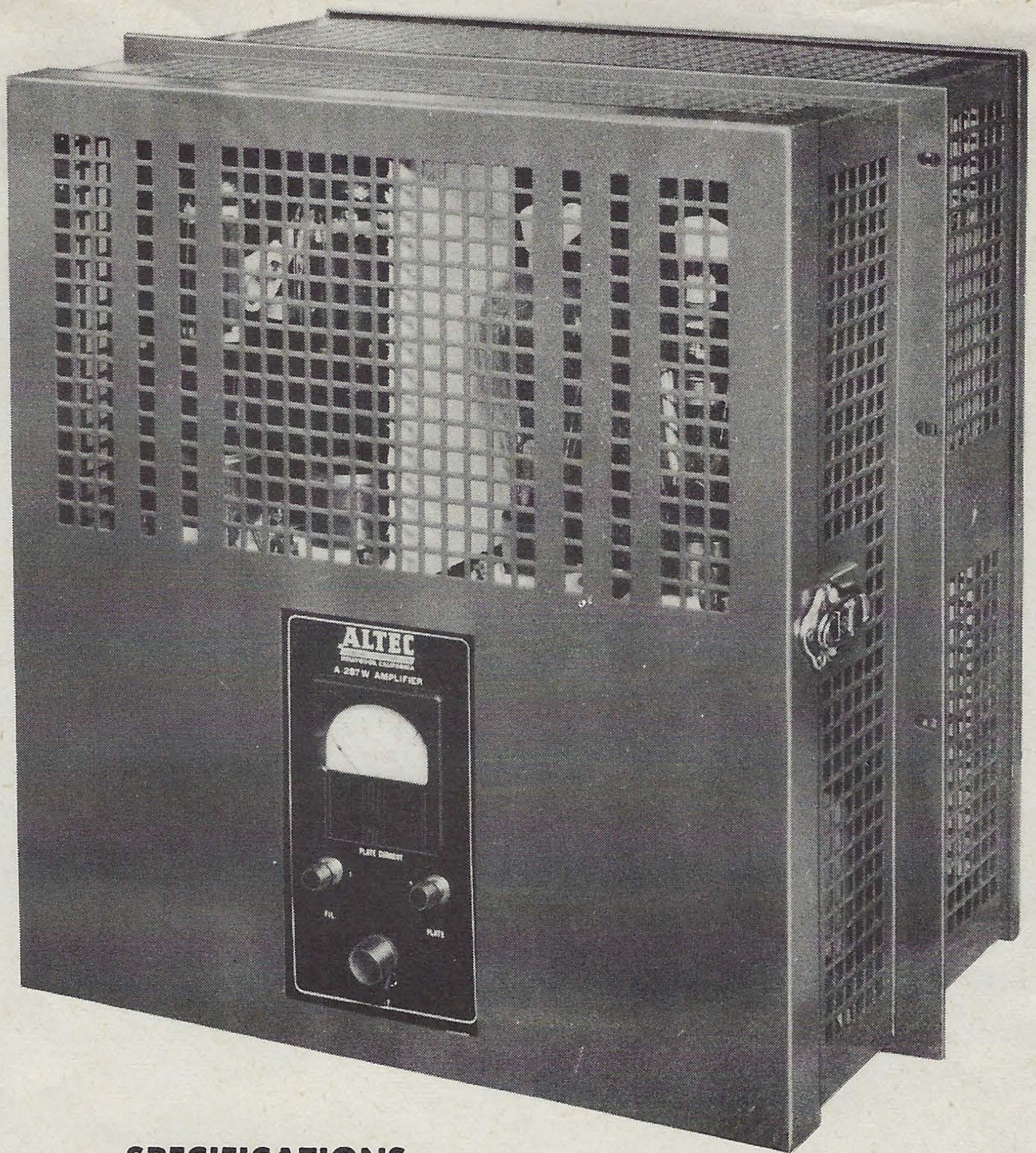
Both the front and rear covers are readily removable for servicing. A door safety switch automatically turns off the high voltage supply when the front cover is removed, so as to protect the operator from shock when replacing vacuum tubes, fuses, etc. The front panel contains a power switch and a meter for testing vacuum tubes. The entire amplifier is designed for mounting on a standard relay rack.

SEE OTHER SIDE





A-287 W AMPLIFIER



SPECIFICATIONS

GAIN	Approximately 12 db. from 3000 ohm impedance driver
FREQUENCY RANGE	Response will be within 1 db from 100 to 10,000 cycles.
POWER OUTPUT	250 watts (5% of total Harmonics)
NOISE LEVEL	20 db. below .001 watts
IMPEDANCE	Input—Use driver amplifier having minimum undistorted output of 15 watts and having an output impedance of 3000 ohms with center tap. Output—Taps to work into loads from 2.25-20 ohms.
POWER SUPPLY	105-130 volts—Taps for 105-117-130 volts. 50-60 cycles 700 watts Internally fused
NET WEIGHT	141 pounds
AMPLIFIER TUBES	2—805
RECTIFIER TUBES	2—866A
COLOR	Blue Gray
DIMENSIONS	19¼" high, 19" wide, 12½" deep

