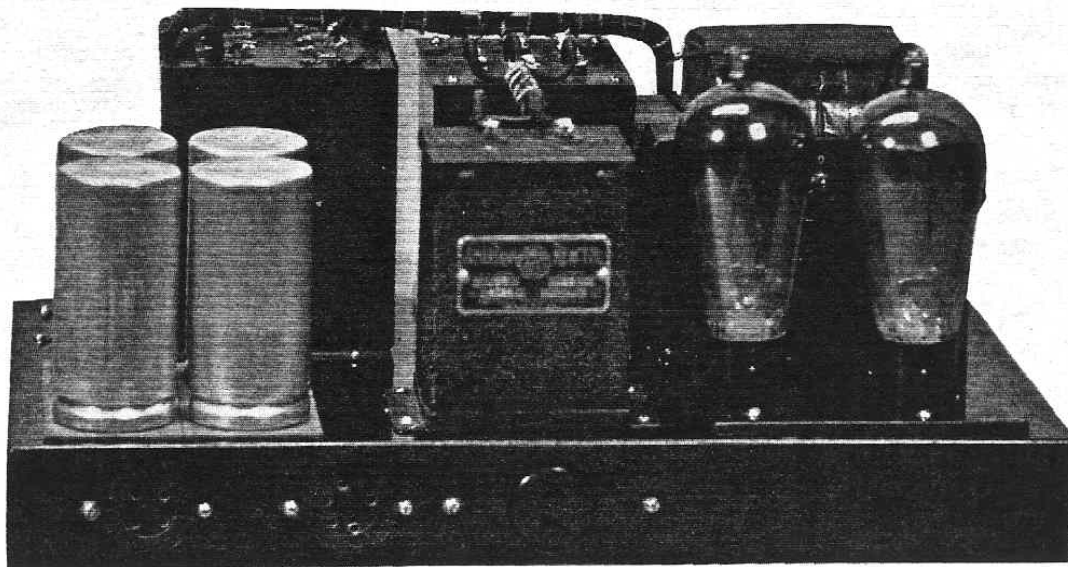


## POWER SUPPLIES



Typical Power Unit Construction

### 500AX POWER SUPPLY

The 500AX Power Supply is designed as a companion to the 10A Crystal Control Unit. It delivers sufficient power to handle the 10A Unit for C.W. transmission. When it is desired to use Class B Modulation on the last stage of the 10A Unit, the 600AX Power Supply should be used. The 500AX Power Supply has been designed to fill the demand for a low priced, full sized power unit for use with a 210 crystal controlled transmitter. It is the ideal unit for the amateur who wants to get started with the minimum expense. This is a strictly high grade unit in spite of its remarkably low cost.

**Tubes Employed** — The 500AX Unit employs two UX 280 and two UX 281 rectifier tubes.

**Voltage Output** — 500AX Unit delivers the following voltages:

	Voltage	Current
Buffer Amplifier and Output Amplifier	500 V. D.C.	150 ma.
Crystal Oscillator	300 V. D.C.	50 ma.
Keying Bias	-500 V. D.C.	5 ma.
Filament Supply	7.5 V. A.C.	1.25 A.
Filament Supply	2.5 V. A.C.	8 A.

Choke input is employed so that good regulation is obtained and the peak current through the rectifier tubes falls within the rated value. The voltage to the crystal oscillator remains constant when the buffer or output tubes are keyed.

**Chassis** — Steel, black duco finish, 10" x 17 $\frac{7}{8}$ " x 7 $\frac{3}{4}$ " high, suitable for relay rack mounting. Output cable connections are made to dual plug-in sockets on the surface of the chassis and the keying and control cable is plugged into the rear edge of the chassis.

**Price** — Less tubes -----\$26.89