METERING - Two panel meters monitor plate voltage, plate current and grid current of the amplifier.

HARMONIC AND SPURIOUS RADIATION - Second harmonic better than 50 dB down. Third order distortion better than 35 dB down at full output.

NOISE LEVEL - - 40 dB down or better below one tone carrier at 1000 watts.

CONTROLS/PROTECTION - Band switch, Load control, Tune control, meter switch, standby switch, SSB/CW switch, circuit breaker ON/OFF switch, primary fuses.

REAR PANEL CONNECTORS - RF input (BNC type connector), RF output (UHF type connector-5K Classic N type connector), ALC feedback (RCA type jack), Relay (RCA type jack).

RELAY KEYING - A built-in DC power supply operates at 12 VDC (3K) or 26 VDC (5K) to key the antenna relay when the relay jack is shorted to ground.

PROTECTIVE DEVICES - High voltage shorting switch, air flow switch on the blower, primary AC fuses, primary circuit breaker, cathode fuse.

PLATE VOLTAGE -	3K Classic Mark II	SSB: 3000 - 3200 VDC nominal.
		CW: 2000 - 2200 VDC nominal.
	3K Classic X Mark II	SSB: 3600 - 3800 VDC nominal.
		CW: 2700 - 2900 VDC nominal.
	5K Classic	SSB: 4200 - 4400 VDC nominal.
		CW: 2700 - 2900 VDC nominal.

NOTE: The plate voltages listed above are nominal and vary with the AC line voltage at the operating position.

OTHER FEATURES - Conservative power supply components for superb dynamic regulation in the high voltage supply.

Resonant choke input and oil filled capcitors to improve HV regulation.

Semiconductor diode rectifiers (1.2 amp, 15 KV) for reliable operation.

Standby switch to connect exciter directly to antenna.

Vacuum output relay on 5K Classic.

DC antenna relay system for hum free operation.

Advanced fast-acting relay circuits on 3K models for semi-break-in CW operation.

All aluminum cabinets with double shielding in the RF sections for minimum cabinet radiation.

Pi-L plate circuit with silver plated tank coil to insure the cleanest most efficient output.

Backed by a 25 year history of the finest RF equipment available to the amateur market.