



*Quality Products. Service Excellence.*

## Linear Amplifier *HL-2000A Series*

(Circa 1980 - No longer in production)

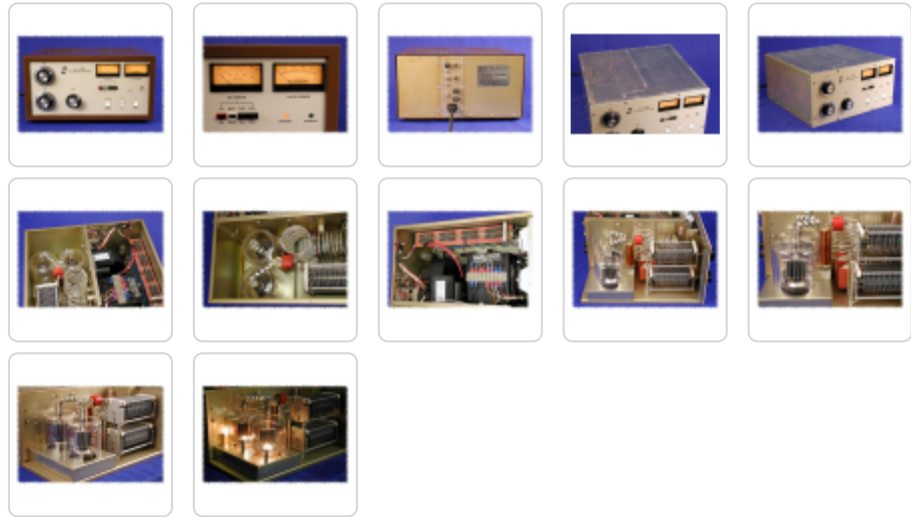
### Features



- **BAND COVERAGE**
  - 80 Meter, 40 Meter, 20 Meter, 15 Meter & 10 Meter (Modification required for U.S. models) Amateur Bands
- **TUBE COMPLIMENT**
  - Two (2) Eimac 3-500Z Zero Bias Triodes
  - Operated AB2 - Grounded Grid Service
- **MODE AND DUTY CYCLE**
  - SSB (2 KW PEP Input)
  - CW, RTTY, AM, ATV (1 KW Input)
  - Continuous Duty
- **SSB/CW switch**
  - For Optimum Efficiency in all Modes
  - SSB = 2,900 VDC plate voltage minimum - with resting current
  - CW = 2,100 VDC plate voltage minimum - with resting current
- **DRIVE POWER**
  - 75 Watts to 125 Watts
- **COOLING**
  - Forced Air
  - Pressurized Plenum and Chimney Cooling
  - Continuous Duty - Squirrel Cage Blower (low noise - 60 cfm)
  - Time delay circuit cools tubes down after power has been removed (extending the life of the 3-500Z triodes)
- **ALC**
  - Adjustable (Negative) to - 8VDC
- **TUNING**
  - Vernier tuning for smooth and accurate settings on all bands
  - 0 - 100 dial skirt log for easy resetting
- **SAFETY**
  - Interlock for input AC
  - 100% Fused AC line and Cathode Circuit
- **POWER TRANSFORMER**
  - Special Hammond High Voltage Transformer
  - Designed for Continuous Duty at 1,100VA - 60 Hz.
  - Weight 28 Lbs.
  - Separate Hammond Filament Transformer
- **POWER SUPPLY**
  - Computer Grade Capacitors for Max. Reliability
- **INPUT CIRCUIT**
  - 50 Ohm
  - Pi-Input Circuitry for each band
- **OUTPUT CIRCUIT**
  - Full Pi-L Network
- **BY-PASS STANDBY SWITCH**
  - Front Panel - for easy operation

- **ANTENNA RELAY**
  - DC Relay for hum-free operation
- **LINE VOLTAGE**
  - 120VAC or 240VAC (240VAC Recommended)
- **METERING**
  - Soft - Back Lit
  - Left Meter - Multimeter - High Voltage or Grid Current or Forward Power (2KW) or Reflected Power (200W)
  - Right Meter - Fixed - Plate Current
- **TRANSIENT PROTECTION**
  - Primary HV and Filament Surge Suppression
- **FINISH**
  - Similar color scheme to the **Rockwell Collins KWM-380** (Released in Fall 1979)
  - Matched to our **AT-1500** antenna transmatch.
  - Outer Steel Cabinet Painted Textured Baked Enamel - Hammond "Earth Brown"
  - Front Panel Painted Smooth Baked Enamel - Hammond "Cream Beige"
- **MOUNTING**
  - Includes 1/2" high heavy duty rubber feet mounted on 1/4" dimples on cabinet (won't scratch mounting surface)
  - Can be rack mounted (with proper ventilation) - on a rack shelf with or without outer cabinet
- **WEIGHT**
  - 75 Lbs. or 34 Kg. (87 Lbs. or 39 Kg. with cabinet)

### Gallery



Part No.	Overall Dimensions			Overall Dimensions (Less Cabinet)		
	Height	Width	Depth	Height	Width	Depth
HL-2000A	9.25	17.25	16.38	8.50	17.00	16.00

*Data subject to change without notice*

