HF LINEAR AMPLIFIER
HL-2000A

FEATURES

BAND COVERAGE 10M, 15M, 20M, 40M, 80M, Amateur Bands
May be expanded for Mars, Government or other services
(Consult Factory)

TUBE COMPLIMENT (2) 3—500Z Zero Bias Triodes

COOLING Forced Air Chimney Cooling
(Continuous Duty Squirrel Cage Blower)

ALC Adjustable, (Negative)

SAFETY Interlock for Input AC 100% Fused
AC Line and Cathode Circuit

POWER TRANSFORMER Special Hammond Transformer
designed for continuous duty
operation rated at 1100VA — 60 Hz
— Weight 28 Lbs.

POWER SUPPLY Computer Grade Capacitors for
Max. Reliability

INPUT CIRCUIT PI—Input Circuity for each band

OUTPUT CIRCUIT Full Pi-L Network

LINE VOLTAGE 120VAC or 240VAC
(240VAC recommended)

METERING Plate Current
Grid Current
Plate Voltage
Wattmeter, FWD/REF.

TRANSIENT PROTECTION Primary, HV and Filament
Surge Suppression

SPECIFICATIONS

FREQUENCY RANGE 3.5 MHz to 29.5 MHz
(Amateur Bands)

DRIVE POWER 75W to 125W

MODE & DUTY CYCLE SSB CW Continuous
RTTY

RF INPUT POWER SSB 2 KW PEP Continuous
CW 1 KW Continuous
RTTY 1 KW Continuous

PLATE VOLTAGE SSB With Resting Current
2900VDC
CW With Resting Current
RTTY 2100 VDC

CIRCUIT CONFIGURATION AB2 Grounded Grid

INPUT MATCH 50 Ω (16 dB Return Loss)

HARMONIC SUPPRESSION Depending on Exciter -40dB
Utilize RF Inverse Feed-Back

INTERMODULATION DISTORTION PRODUCTS In excess of -33dB

ALC Negative, Adjustable (-8VDC Max.)

TUBES Two 3-500Z Zero Bias Triodes

POWER REQUIREMENTS 120/240VAC, 15 Amps
(120VAC Not Recommended)

DIMENSIONS 8" High x 16" Wide x 15¾" Depth

WEIGHT 75 Lbs. or 34 Kg.