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BTI LK-2000 Linear Amplifier



Manufactured and sold by:

H. T. PRODUCTS DIV.

HAFSTROM – THOMPSON ASSOCIATES, INC.

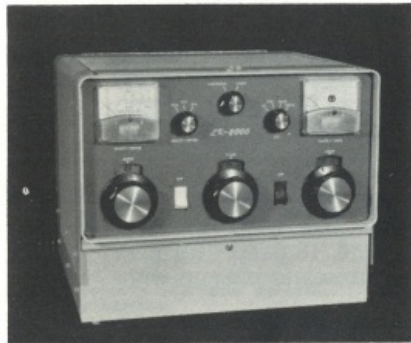
4616 Santa Fe St., San Diego, Calif. 92109

[714-274-8822](tel:714-274-8822)

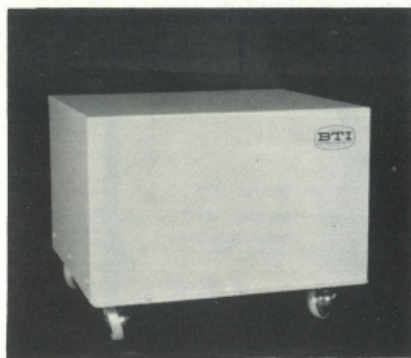
FEATURING

- Grounded grid, zero bias linear operation.
- Full 1000 watts plate dissipation with economical 3-1000Z by Eimac.
- Loafs along at maximum legal input, all modes, 2000+ watts PEP SSB, 1000 watts CW-AM-RTTY.
- Instant transmit – no warm up wait.
- A.L.C. for more and cleaner TALK POWER.
- Front panel metering and switching for Accessory Dummy Load.
- Tuned Cathode Input – Pi-L Output.
- High Reliability, Solid State Power Supply.

THE BTI LINEAR AMPLIFIER



THE TABLE TOP
RF-2000 **\$595.00**



POWER SUPPLY **\$300.00**
PS-2000



THE CONSOLE

LK-2000

\$795.00 complete

Accessory DUMMY LOAD

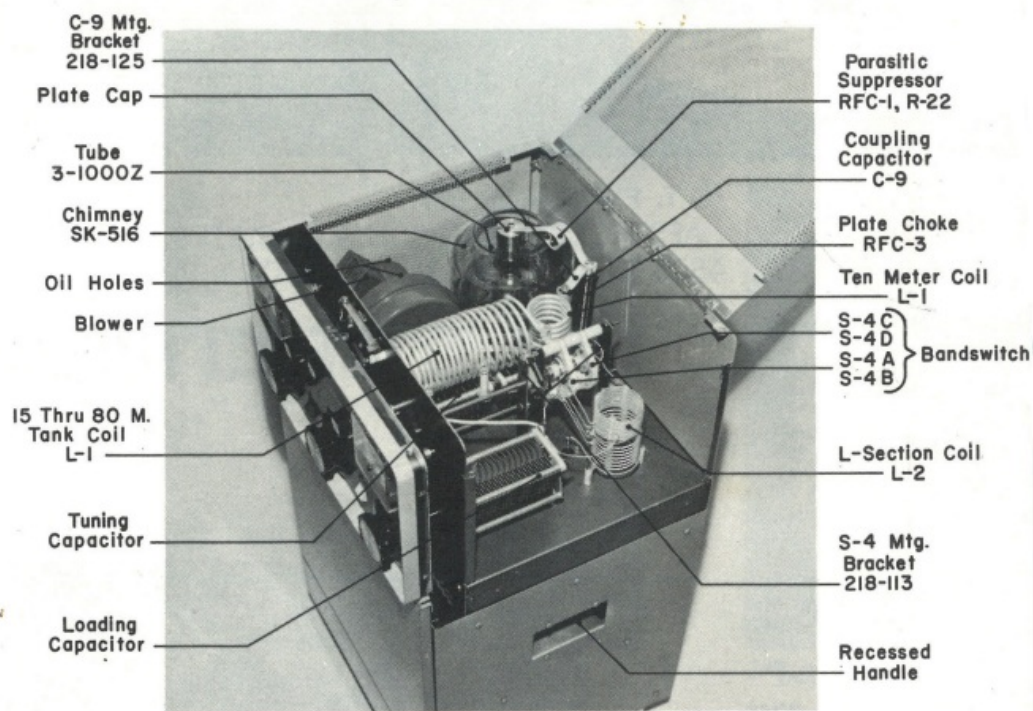
DL-2000 **\$75.00**

(see page 3)



CONSTRUCTION NOTES

RF Chassis and cabinet is Alu mi-Gold (Iridite) finish aluminum. Joints are free of paint for good shielding. Power Supply Section is heavy gage steel. All fasteners are self-retained for ease of disassembly and reassembly. (No loose nuts to fall down inside.)



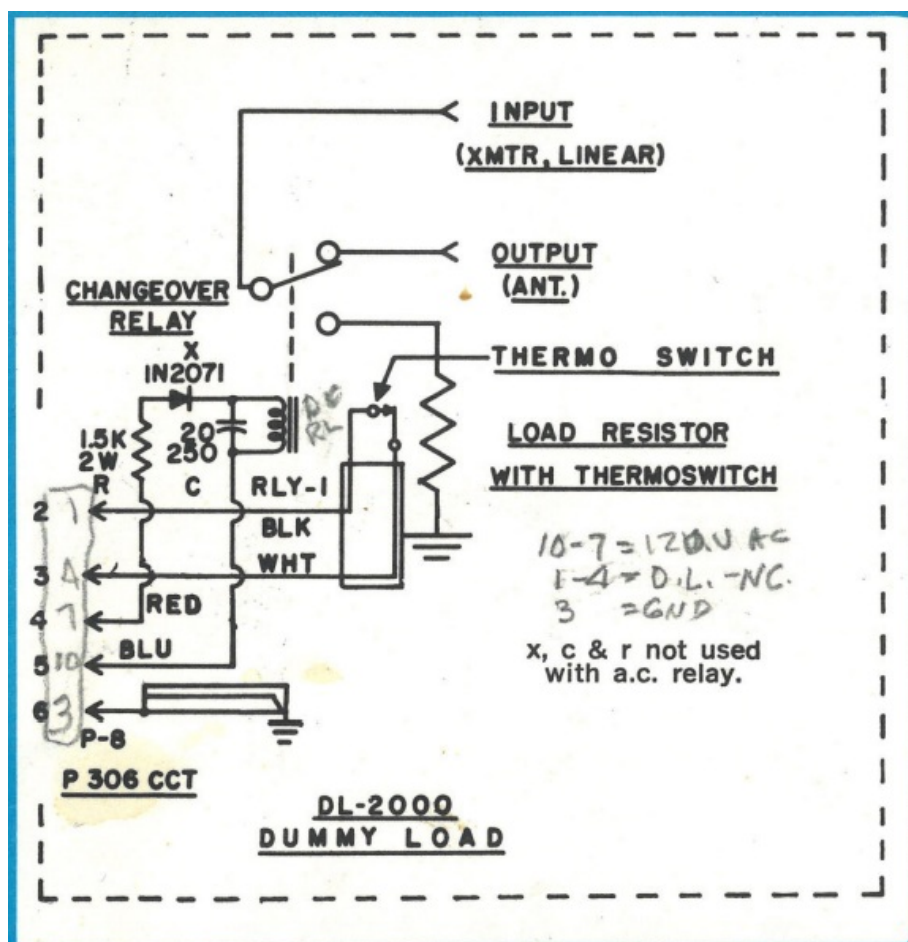
SPECIFICATIONS

Grounded Grid, Zero Bias Linear Amplifier

- **Frequency Range:** Amateur Bands (and adjacent frequencies) from 3.5 to 30 megacycles
- **Drive:** 50 to 200 Watts R.F.
- Compatible with all modern Amateur Transmitter – Exciters
- **ALC:** Adjustable Feedback from Plate Tank
- **Power Rating:** 2000+ Watts SSB PEP, 1000 Watts CW-AM-RTTY
- **Line Voltage:** 115/230 volts, 50/60 cycles, 20/10 amps
- **Tube:** Eimac 3-10002 (or 4-1000A)
- **Color:** Two-tone Grey
- **Size & Shipping Weight:** LK-2000, 16¼ wide, 16 deep, 30 high (including casters), 115 pounds
- PS-2000, 16¼ wide, 15 deep, 10½ high (less casters), 75 pounds
- RF-2000, 16¼ wide, 16 deep, 13¼ high (less feet), 50 pounds
- Prices and Specifications subject to change without notice.

CONTINUOUS DUTY, SOLD STARTER POWER SUPPLY

- DL-2000 DUMMY LOAD. A dummy load for tuning radio transmitters having power ratings up to 2000 watts input to the final amplifier stage. It includes a changeover relay for switching the transmitter output from the station antenna to the dummy load.
- The dummy load is mounted in a long narrow steel case and has a perforated aluminum cover which measures 24 x 5¼ x 2¼ inches and must be operated in the vertical position, top end up. While designed for mounting on the rear of the LK-2000 Linear Amplifier it may be used with other amplifiers or exciters and may be mounted on any convenient vertical surface.
- The change over relay in the DL-2000 is normally supplied with 115 volt AC coil but may be furnished for other voltages. A thermoswitch with normally closed contacts is set to open when the load reaches its maximum rated temperature of 220 degrees F.
- The contacts of the thermoswitch may be used to shut off the power to the load or to actuate a warning device.



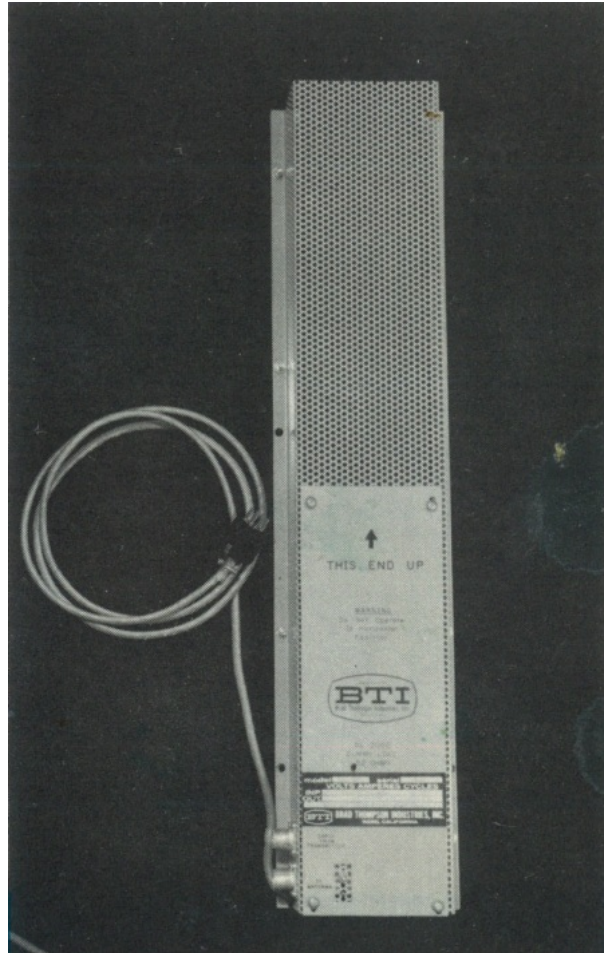
CONNECTIONS

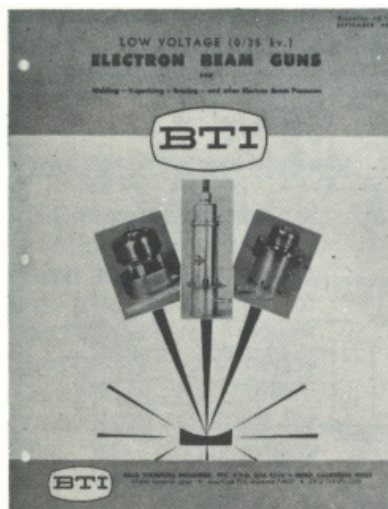
There are two S0-239 coax connectors for input and output. The control circuits are carried in a 6-foot cable terminated in a 6-prong Cinch-Jones connector.

DUMMY LOAD

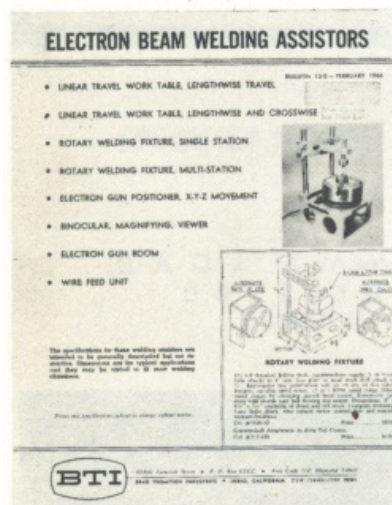
DL – 2000

\$75.00





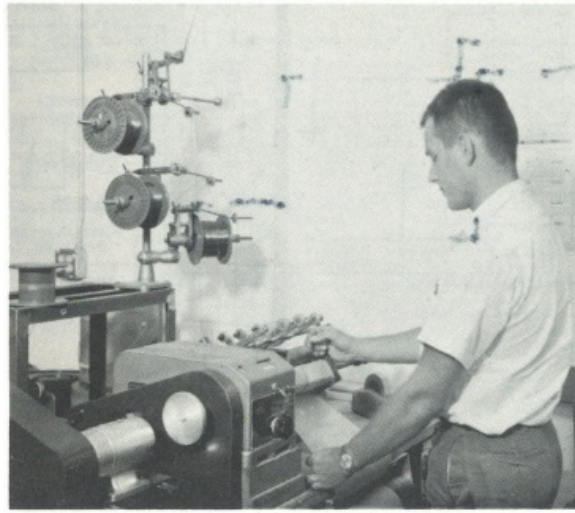
BULLETIN 12-1 Electron Beam Guns.
12 pages.



BULLETIN 13-0 Electron Beam Welding Assistors. 4 pages.



BULLETIN 10-0 Electron Beam Power Supplies. 7 pages.



Special transformers are designed and constructed with ratings to 50 kilovolts and 10 kilowatts. Higher voltage transformers are oil insulated.

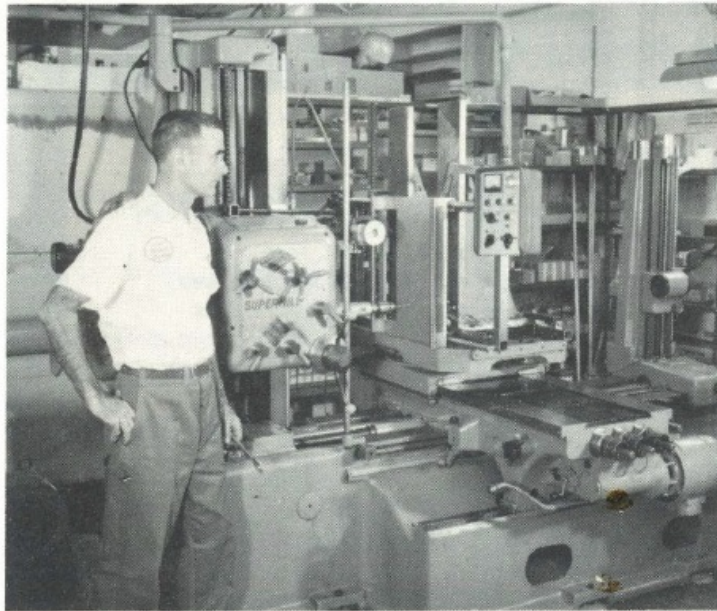
BRAD THOMPSON INDUSTRIES

is a leading producer of Electron Beam Guns, Accessory Components and Systems for Electron Beam Processes.

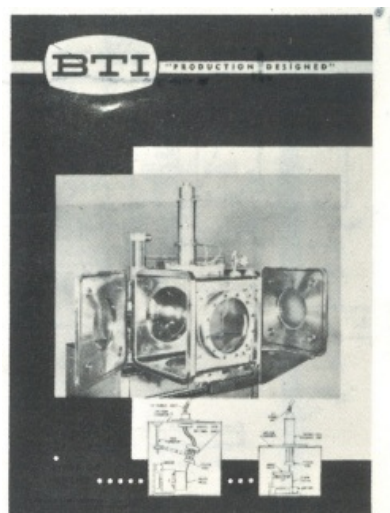
These processes include welding of difficult to weld metals, evaporation for the Electronic Thin Film Industry and heating or melting for the physical processing of materials.

BTI Electron Guns and Power Supplies are built with power ratings from a few milliwatts to 20 kilowatts at 0 to 30,000 volts. With built in electronic regulation they will produce electron beams for welding thin sections like Relay Enclosures or Pressure Diaphragms to thick sections up to one inch or more.

Established in 1960, the plant in Indio has been developed into an integrated facility for design and production of electronic equipment. Bulletins on these Electron Beam Products will be sent to anyone interested on request.



Machines available include, Mills, Lathes, Drill Presses and others.



BULLETIN 11-1 Electron Beam Welders. 4 pages.



Radio Band Switch Deck and Tank Coil assembly is Silver Plated after soldering.



Metal joining operations include Soldering, Brazing, Tig Welding (Heli-arc) and, of course, Electron Beam Welding.

83-810 Ta,narisk Street • P. O. Box CCCC • Area Code 714, Diamond 7-0637
BRAD THOMPSON INDUSTRIES • INDIO, CALIFORNIA TXW [714-991-7250](tel:714-991-7250) 92201

Documents / Resources

	<p>BTI LK-2000 Linear Amplifier [pdf] Owner's Manual</p> <p>LK-2000, LK-2000 Linear Amplifier, Linear Amplifier, Amplifier</p>
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References

- [User Manual](#)

◆ Amplifier, BTI, Linear Amplifier, LK-2000, LK-2000 Linear

■ BTI Amplifier

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