

Amp Supply Co. **GUARANTEE: 2 YEARS!**

SUPER PRODUCTS + SUPER WARRANTY

**SATISFACTION
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As founder and president of Amp Supply Co., I guarantee you'll be satisfied with our fabulous amateur radio products. I will only manufacture products I personally would use on the air. All Amp Supply Products now carry a full 2 years warranty against manufacturing defects or parts failure. (tubes are warranted by the original manufacturer) If you are dissatisfied write to me and I'll refund or replace your product within 10 days of purchase from Amp Supply Co. We want you to enjoy Ham Radio with Amp Supply Products.

"TURBO CHARGE YOUR STATION WITH AMP SUPPLY" 73 DENNY K8KXK

LA-1000A 1200 WATT AMPLIFIER



LA-1000A

The LA-1000A is a portable kilowatt now covering 160-15 meters. Typical drive requirement is 100 watts PEP yielding 1200 watts PEP SSB 800 watts CW. The compact linear uses four 6MJ6 tubes, has a tuned input and QSK built in and comes in an attractive gray-on-gray finish.

This is a super linear for all purposes, the LA-1000 excelled during the Heard Island DX pedition with over 30,000 contacts. The rugged design lends itself to continual use during contests and users are even running it on RTTY at 500 watts input.

LA-1000A \$449.50*

AT-1200 TUNER



AT-1200

The AT-1200 antenna tuner is the perfect companion for the LA-1000A or any amplifier running up to 1200 watts input. It covers 1.8 to 30 MHz, has an antenna selector switch for 3 coax positions and 1 long wire or balanced feedline, and a built in SWR bridge and meter.

AT-1200 \$189.50*

BL-1500 9:1 5 KW Balun \$29.50*

THE NEW NO TUNE — LA-1000-NT



More contacts, eliminate tune-up time, and less tune-up interference are yours with the NEW LA-1000-NT. The NO TUNE LA-1000 offers full coverage of the 160-15 meter amateur bands. A powerful 1200 watts PEP input and 800 watt DC input is the power rating of the LA-1000-NT. As with all Amp Supply Amplifiers, the NO TUNE LA-1000 features QSK, full break-in CW. Computerized CW and Keyboard Operators will love conversation-like full break-in (QSK) CW. If you desire a compact kilowatt amplifier that needs no tuning and you have a transceiver capable of delivering 100 watts PEP—The LA-1000-NT is the perfect addition to your radio station!!

LA-1000NT No Tuneup \$529.50*



AIM-1™ Major Antenna break through!

The AIM-1 is an antenna impedance matching network for random, long wire or loop antennas. It provides continuous coverage from 500 KHz - 30 MHz, is completely automatic, no knobs to turn or coils to tap. Installation is simple; hook on wire antenna, ground, coax cable to station and balancing module at opposite end of wire. The antenna is ready for transmission from 1.8 - 30 MHz at up to 3KW PEP.

- SWR max 2:1, 1.5:1 average
- wire lengths should be 1/2 wave on lowest frequency for maximum efficiency.
- inverted V, inverted L, rhombic, random wire or loop antennas
- weatherproof
- 2 year warranty

AIM-1 \$139.50*

with 130' antenna wire and insulators \$149.50*

Stranded Ant. Wire \$.08 ft.

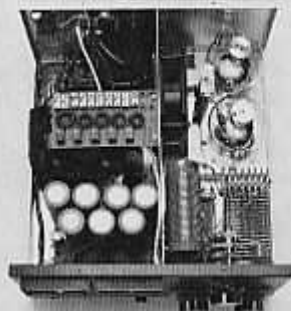
LK500ZA 2.5 KW AMPLIFIER



The all new Amp Supply LK-500ZA 2.5 KW Input Amplifier is the right amplifier, with the right features at the right price. The LK-500ZA comes completely assembled and covers 160-15 meters. Two Eimac 3-500Z triodes in grounded grid are featured with a dual cooling system, one for the power supply and the other cooling the 3-500's. There's only one 2.5 KW amplifier with a pair of 3-500Z tubes in the world that sells for under \$900.00.

The Amp Supply LK-500Z!

- 2.5 KW SSB PEP Input: 1500 Output
- 1.5 KW Input CW: 900 Output
- 1 KW SSTV, RTTY Input: 600 Output
- QSK Full Break-in CW
- 9" H x 15" W x 15" D
- 117/234 AC 50/60 Hz
- New Improved Bridge Power Supply with Computer Grade Electrolytics
- 1500 Watt Output with Hipersil Transformer



Interior view of LK-500ZA with "Peter Dahl" Hipersil Transformer

LK-500ZA

Wired and Tested \$889.00*

1500 Watt Output

All Made with Hipersil Transformer . \$1099.50*

- SAS-1 Sloper Antenna System 30, 40, 60, 160 Meters \$ 99.50*
- AEX-1 33' Self-supporting Vertical Antenna \$ 89.50*
- APC-1 Phasing Control System for verticals or dipoles \$109.50*
- A-132-S Shielded Balanced feed line 5 KW PEP \$24 per foot

*POSTPAID CONTINENTAL USA.

COMPLETE PARTS INVENTORY—INCLUDING PARTS FOR ANY AMPLIFIER OR TUNER—SEND FOR A CATALOG TODAY.

Amp Supply Co.
2071 MIDWAY DRIVE
P.O. BOX 421
TWINSBURG, OHIO 44087
216-425-2010 TLX 980131 WDMR

AMP SUPPLY CO. PARTS LIST

PRICE LIST

STOCK NUMBER AND DISCRIPTION	
ELECTROLYTIC CAPACITORS	
0120 EC-125 125UF 500VDC	\$6.95
0121 56-DX 160UF 450 VDC	
COMPUTER GRADE	\$10.95
DIODES	
0202 D-3A H1VOLT SPLY 1KV.3A	\$1.00
0208 DZ-8.5Z ZENER 8.2V 50W	\$9.50
0206 DZ-21-A ZENER 21V 50W	\$12.50
SWITCHES	
0552 SB-7 FOR CLIPPERTON L	\$42.50
0554 SB-6 FOR HOMERBROWS	
6 POS 4 SEC 2.5KW PEP	
CERAMIC SWITCH W/TUNED	
INPUT SWITCHING VOLTAGE	
USE W/3-500, 4-400, 572B	\$36.50
0572 SB-5 5 POSITION 1 SECTION USE	
WITH 811 OR SWEEP TUBES	\$15.00
0568 BD-6 PLANETARY BALL DRIVE FOR	
VARI CAPS 6:1 RATIO	\$8.50
TUNED INPUT	
1235 ATI-6 COMPLETE PC BOARD	
TUNED INPUT BOARD WITH 6	
TOROIDAL COILS, 12 TRIMMER	
CAPACITORS, 6-DPDT RELAYS	
AND COAX, FULLY ASSEMBLED	
TUNEABLE 1.8-30 MHZ MATCHES	
ANY AMPLIFIER 6 1/4" X 3 1/4",	
12VDC	\$69.50
TUBES	
0352 3-500Z TUBE-EIMAC	\$99.50
0358 811-A TUBE	\$14.50
0356 572B TUBE	\$62.50
* 3CX-800 EIMAC	\$250.00
* 8875 TUBE	\$220.00
* 8874 TUBE	\$220.00
0360 8877 TUBE	\$599.50
* 813 TUBE	\$47.00
0362 6MJ6 TUBE	\$9.50
0362 6146B TUBE	\$12.95
0364 6KD6 TUBE	\$12.50
COILS	
* TIC-1 TOROIDAL TUNED INPUT	
COILS (SPEC. FREQ.)	\$4.25
0074 FTC-1 FINAL TANK COIL FOR	
3-500, 4-400, 8877, 572B 2KW	
160-40 MTR	\$22.50
1014 FTC-2 20-10 MTR	\$6.50
0076 B7W 850A, 852 TANK COIL AND	
SWITCH	\$88.50
0076/ B&W 852 FOR 10-160 METERS	
0064 CUSTOM BUILT	\$109.50

PRICE LIST

STOCK NUMBER AND DISCRIPTION	
PLATE VARIABLE CAPACITORS	
0134 A-250-75 250PF 3.5KV	\$29.50
0142 A225-120 225PF 4.5KV	\$38.50
0132 A232-45 250PF 2.2KV	\$28.50
0136 A500-45 500PF 2.2KV	\$29.50
LOADING VARIABLE CAPACITORS	
0130 A1100-53 1100PF 3 SECTION	
1.2KW	\$17.50
0140 A1000-32 1000PF 2.5KW	\$42.50
0138 A800-32 800PF 2.5	\$38.00
PLATE CHOKES	
0054 PC811-1A	\$9.25
0080 PC500-2A USE WITH 3-500,	
4-400	\$10.25
0056 PC-1000-2A USE WITH 3-1000	
4-1000 8877	\$14.00
0052 PC2000-2A USE WITH AMPS UP	
TO 5KW	\$18.50
FILAMENT CHOKE	
0070 FC30A 30 AMP CHOKE ON	
FERRITE CORE	\$10.50
PLATE CAPS	
0282 PC500-1 ALUM HEAT SINK	\$8.95
0278 PC811-A USE W/811A 572B	\$2.50
0280 PC8877-1 ALUM HEAT SINK FOR	
8875, 3-1000, 572, 4-1000	
SPECIFY TUBE	\$12.50
SOCKETS	
0502 SC500-1 JOHNSON 122-0275-001	
USE WITH 3-500 4-400	\$18.50
0506 SC811-1 FOR 811A 572B	\$3.25
0510 SC1000-1 FOR 3,4-1000	\$41.00
0512 SAF-500 3-500 AIR FLOW	\$41.00
0508 SC8877 8877 SOCKET	\$34.50
0516 TR 8877 8877 TUBE RING	\$19.50
ANTENNA CHANGE OVER	
RELAY 2KW	
0302 RL2PI 2PDT 12VDC	\$8.95
0304 RL3PI 3PDT 12VDC	\$11.25
0306 RR-1 REED RELAY	
12VDC SPST	\$7.95
METERS	
0652 M1000P DUAL SCALE 0-3000VDC	
0-1 AMP W/SHUNT & VOLTAGE	
RESISTORS	\$24.50
0670 M2000W DUAL SCALE	
WATTMETER 0-200 WATT/OR	
0-2000 WATT /VSWR	\$24.50
0658 M5000VDC5000-VDC	\$26.50
0660 M-500 0-500 MA	\$24.50
0662 M-1A 0-1 AMP	\$24.50

PRICE LIST

STOCK NUMBER AND DISCRIPTION	
0664 M-2A 0-2 AMP	\$24.50
0656 M-3000 0-3000 VOLT DC	\$24.50
CERAMIC LOADING & COUPLING	
CAPACITORS	
0118 CC1000 1000PF 5KV	\$8.25
0116 CC500 500PF 5KV	\$8.25
0115 CC400 400PF 5KV	\$8.25
0114 CC200 200PF 5KV	\$9.25
0112 CC100 100PF 5KV	\$8.25
ROLLER INDUCTOR	
0078 R128 28UF CERAMIC W/SILVER	
PLATED ROLLER	\$49.50
0566 B&W3902-1 CYCLOMETER TURNS	
COUNTER	\$49.50
TRANSFORMERS - FILAMENT	
0610 X5-15 5VCT @ 15 AMP	\$34.50
0610 X5-30 5VCT @ 30 AMP	\$39.50
0612 X7.5-21 7.5VCT @ 21 AMP	\$49.50
0614 X6-16 6.3VCT @ 16 AMP	\$34.50
0614 X10-15 10VCT @ 15 AMP	\$34.50
0614 X10-20 10VCT @ 20 AMP	\$49.50
0614 X20-15 20VCT @ 15 AMP	\$49.50
COMBO PLATE FILAMENT AND	
RELAY CONTROL VOLTAGE	
0602 X-500 SINGLE 3-500 AMPLIFIER	
XFRMR	\$107.50
0618 X811A FOUR 811A AMPLIFIER	
XFRMR (SPECIFY)	\$107.50
0618 X572B FOUR 572B AMPLIFIER	
XFRMR (SPECIFY)	\$107.50
0606 X6MJ6 FOUR SWEEP TUBE	
AMPLIFIER XFRMR	\$99.50
0604 ULTIMATE HYPERSIL 4KW PEP	
PLATE XFRMR	\$260.00
REPLACEMENT TRANSFORMERS	
0602 CLIPPERTON L (SSB VERSION	
ONLY)	\$127.50
0606 GLA1000, 1000B	\$99.00
AMPLIFIER POWER SUPPLY	
1207 APS-1 3000 VOLT POWER SUPPLY	
COMPLETE 3000 VOLT DC @ 1	
AMP AND 12 VDC @ 2	
AMPS-INCLUDES POWER	
TRANSFORMER 117/234 AC	
50/60 HZ, ELECTROLYTIC	
CAPACITORS, DIODES, BLEEDER	
RESISTORS, PC BOARD,	
COMPLETELY ASSEMBLED,	
CHASSIS AND CABINET NOT	
INCLUDED	\$149.50

PRICE LIST

STOCK NUMBER AND DISCRIPTION	
AMPLIFIER KITS	
1233 LK8877 PARTS KIT	\$1550.00
1199 LK8877 ASSEMBLED	\$2195.00
1231 LK811A PARTS KIT	\$389.50
RESISTORS	
* ALL 1/2 WATT	\$5.50
* ALL 2 WATT	\$8.7
* ALL WIRE WOUND TO 10W	\$1.50
* SHUNTS	\$4.25
* ALL PRECISION RESISTORS UP TO	
1/2 W	\$2.25
* WIREWOUND 100K 100 W	\$19.95
TRIMMERS	
0127 *426 TRIMMER (SPECIFY)	\$5.25
0126 *427 TRIMMER (SPECIFY)	\$5.25
CAPACITORS (SPECIFY VALUE)	
0102 DS-1 SMALL DISC CAP .01	\$7.9
0104 DS-4K 4KV CAP 1000PF	\$1.79
0106 DS-7K 5-7KV DISC 1000PF	\$2.75
* DM-19 ALL DM19 MICA CAPS	\$2.79
FINISHED PRODUCTS	
1204 80 MTR ADD ON FOR AEX	\$24.50
1206 NVR ANTENNA	\$50.00
1219 ORIGINAL ALLBAND DBLT	\$39.50
1211 BA-160M 160 METER	
MONOBANDER 1200W	\$310.00
1212 10 MET KIT FOR LA1000A	\$22.50
1213 10 MET KIT FOR LK500ZA	\$27.50
1214 10 MET KIT FOR EA160M	\$19.95
1216 10 MET KIT FOR LA1000NT	\$36.50
CABINETS	
756/854 AC511 5X11X10	\$24.50
758/856 AC-612 6X12X12	\$32.50
760/858 AC-1015 10X15X15	\$49.50
OTHER SIZES AVAILABLE **	
* KNOB KIT	\$24.50
MISCELLANEOUS	
1155 SAMPLE MANUAL	
(DENTRON AVAIL.)	\$5.00
1154 COD CHARGE PER BOX	\$1.65
1160 SERV DEPT LABOR \$59.00+PARTS	
THIS LIST IS ONLY A PORTION OF	
OUR 3,000 SQ FT INVENTORY	

ORDERS OVER \$30.00 POSTAGE PREPAID - ADD \$3.00 IF UNDER \$30.00 FOR POSTAGE

LA-1000-NT
1200 WATT
NO-TUNE
AMPLIFIER

NAME _____

CALL _____

DATE PURCHASED _____

AMP SUPPLY CO.

LA-1000-NT

GENERAL DESCRIPTION

The LA-1000-NT is a self-contained, high frequency linear power amplifier capable of operation at 1200 watts PEP sideband and up to 1000 watts CW input power. The bandswitch positions provide NO-TUNE-UP operation on 160 through 10 meter amateur bands. The LA-1000-NT is capable of high speed break-in CW (QSK) when used with a QSK transceiver. The LA-1000-NT also incorporates a feature permitting optimization of efficiency in either the CW or SSB subband on 160 and 80 meters. The LA-1000-NT can be manually tuned internally to cover just about any portion of the spectrum from 1.8-30 MHz.

SPECIFICATIONS

FREQUENCY COVERAGE: Amateur bands 1.8-1.9, 3.5-4.0, 7.0-7.3, 14.0-14.350, 21.0-21.450, 28.0-29.5 MHz using factory-preset circuitry. The owner may adjust these settings to optimum efficiency in any of these ranges.

SUBBAND SELECTION: Panel switch selects optimum no-tune-up arrangement for either CW or SSB operation on 160 and 80 meters.

POWER INPUT: Up to 1200 watts PEP/SSB, and up to 1000 watts CW.

TYPICAL EFFICIENCY: 60-72% depending on load, frequency, drive level, etc.

DRIVE POWER: 100-140 watts PEP for rated input.

DISTORTION: Third order *IM* more than 31 dB below PEP output.

HARMONICS: Substantially better than FCC requirements; typically -45 dB or better.

CW BREAK-IN: High speed QSK capability when used with a suitable QSK transceiver.

TUBE COMPLIMENT: Four 6MJ6 heavy duty penthodes, with drive applied to the first grid and cathode----termed *super drive*.

COOLING: Full-cabinet ducted forced air. Air is drawn in the bottom front and exhausted out the rear back.

PRIMARY AC VOLTAGE: 220-240 volt AC @ 10A max. or 110-122 volt AC @ 15A max., 50-60 Hz, single phase. Maybe changed in the field.

SIZE: W 11", H 4.75", D 9.75"

WEIGHT: 26 LBS

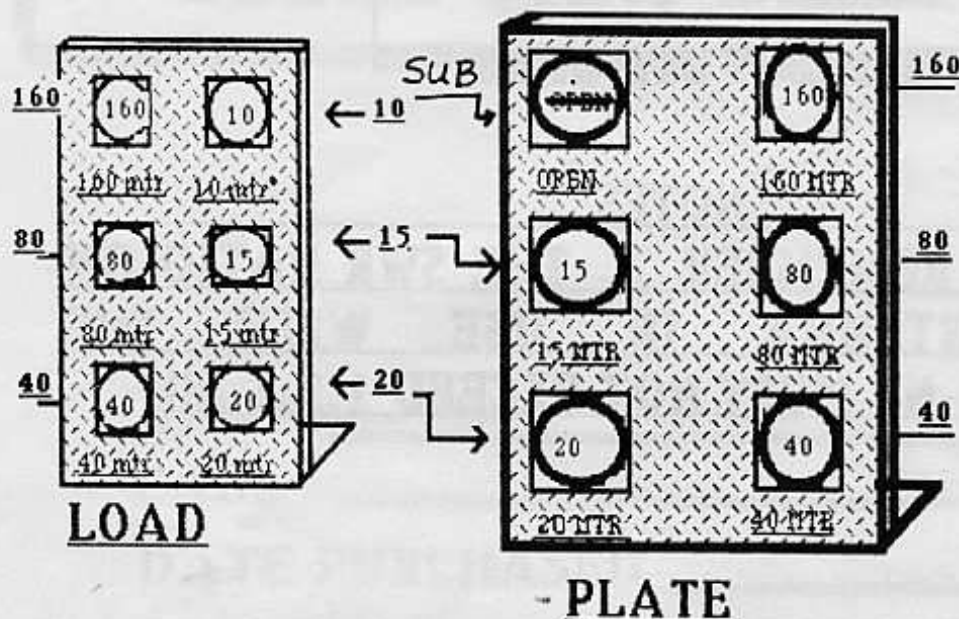
FINISH: Dark gray front and light gray cover made of solid aluminum.

******* IMPORTANT ******* **OUTPUT IMPEDANCE:** FACTORY SET FOR 50 OHM RESISTIVE LOAD AT 1.1 - 1 SWR, MAYBE ADJUSTED INTERNALLY FOR AN SWR UP TO 1.5:1.

INSTALLATION: FOLLOW THE LA-1000A MANUAL

The LA-1000-NT is identical to the LA-1000A in all aspects except the tuning procedure.

PRESET TUNING CONTROL POSITIONS



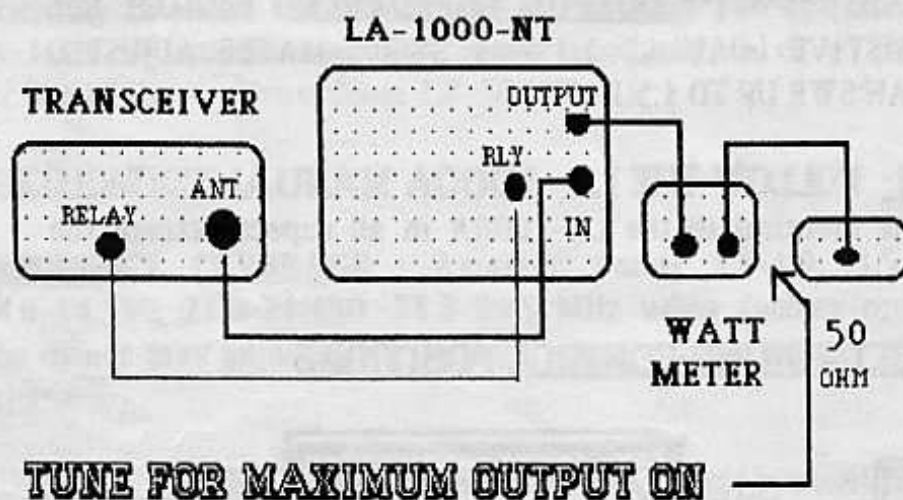
TUNING INSTRUCTIONS: ONLY IF THE SWR IS OVER 1.3:1 ON THE STATION ANTENNA SYSTEM..USE CAUTION HIGH VOLTAGE!!!

The amplifier must be connected to a 50 ohm load or to the proper antenna with an SWR ratio of less than 1.3:1. A wattmeter must be in the output line after the amplifier before the antenna load.

Turn the LA-1000-NT power on with the stand-by switch the the STY position. Select the desired frequency on the band switch. Make certain that the transceiver power output control is set to zero. Next place the LA-1000-NT in the OPT position. Place the transceiver in the appropriate

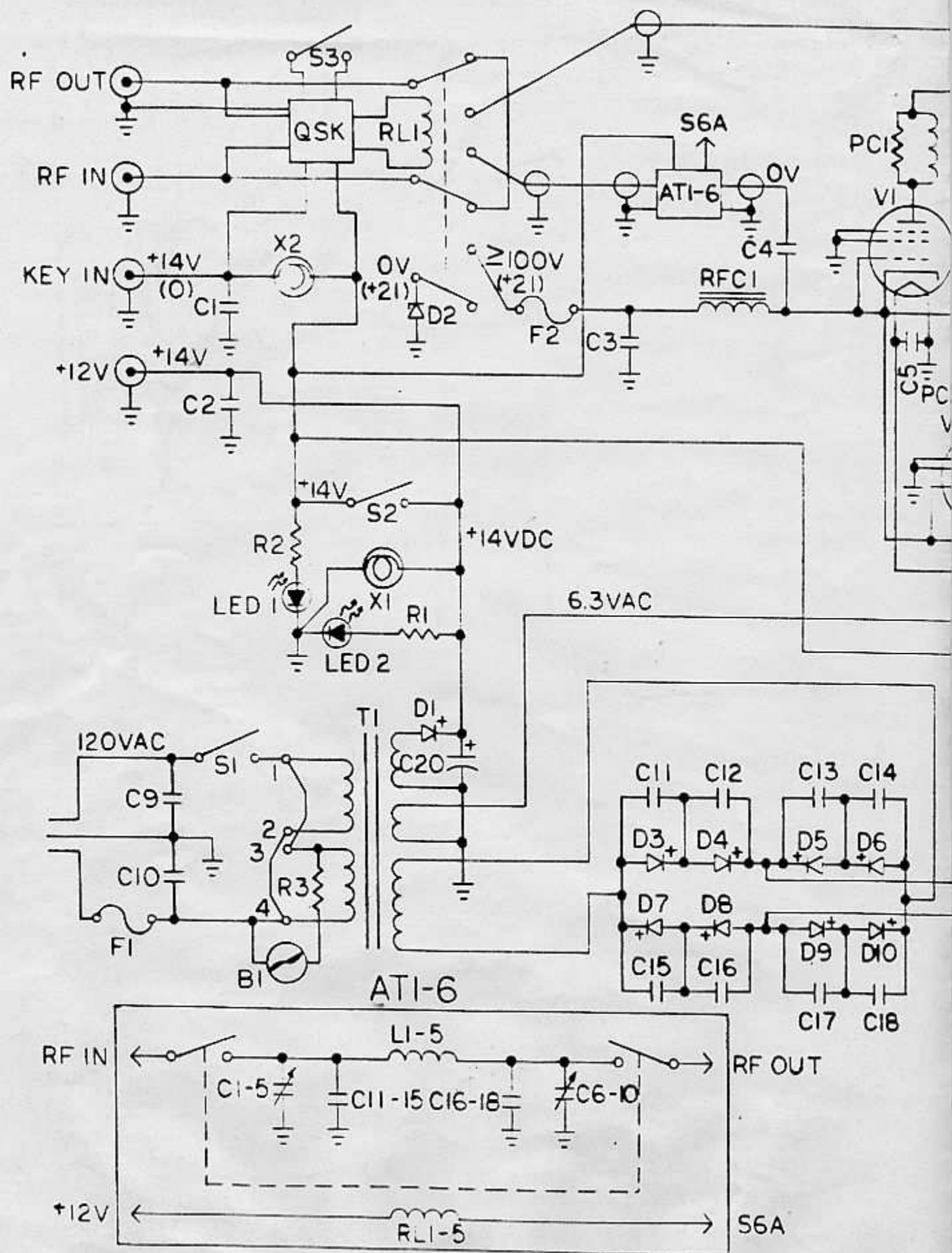
mode to deliver a steady (adjustable) carrier, usually called **CW** or **Tune**. Slowly increase the transceiver carrier power output until the plate current on the LA-1000-NT reads **350 ma.** Carefully adjust the **LOAD** for maximum output on the wattmeter. Wait 10 seconds for cool down of the tubes. Carefully adjust the **PLATE** for maximum output. Wait 10 seconds for cool down of the tubes. Now apply full carrier and adjust both **LOAD** and **PLATE** for maximum output on the wattmeter. **IMPORTANT..... ONLY LEAVE THE LA-1000-NT IN THE TUNE POSITION FOR 10 SECONDS AT A TIME.....**

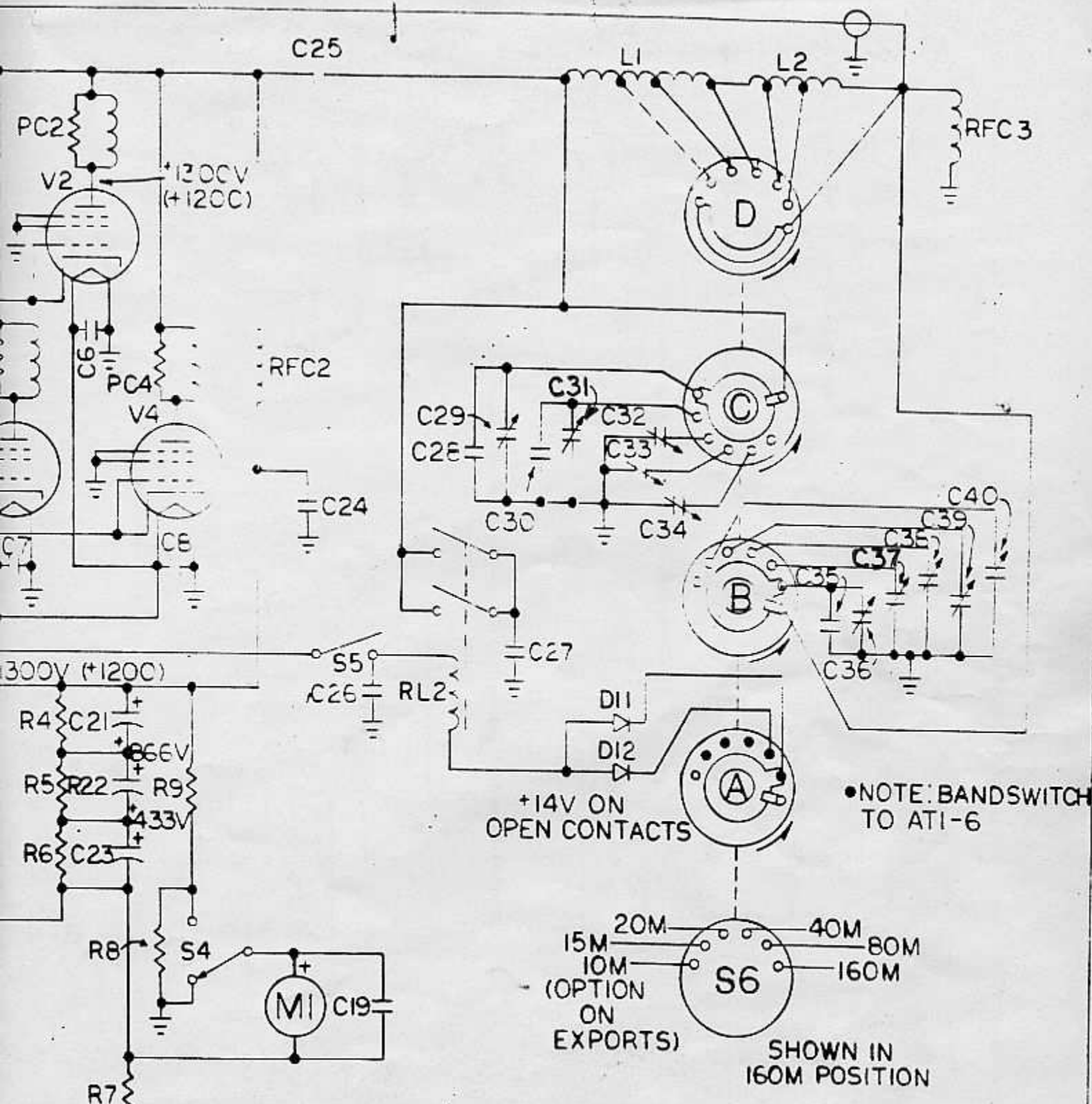
-----**DANGER HIGH VOLTAGE**-----



NOTES

PLEASE REMEMBER : THE SWR RATIO ON THE ANTENNA IN USE WITH THE LA-1000-NT MUST NOT EXCEED 1.3:1 !!!!





AMP SUPPLY CO.

LA-1000NT SCHEM.

CND
APP.

24, FEB. 84

NTU-003