

QUICK START GUIDE



PALSTAR LA-1K 1000W HF AMPLIFIER

Part A: unpack & connections:

- 1) Carefully unpack the LA-1K, save the shipping materials in case needed later.

Two AC Power Cords are provided. One for 120V and one for 240V.

IMPORTANT: there is a voltage selector switch on the side of the amplifier, do NOT operate or plug in the power cord without selecting the proper input voltage first.

- 2) Connect PTT Cable (Customer Provided) from transceiver to the LA-1K PTT Connector.

This connection is required for the LA-1K and is located on the REAR PANEL of the amp.

- 3) Connect a PL-259 Patch cable (Customer provided) from your transceiver's antenna output connector to the LA-1K's RF INPUT coax connector.

- 4) Connect antenna (OR HF Auto) to the LA-1K's Antenna 1 jack. Resonant antennas may be fed directly from the antenna outputs if desired.

If using the HF-Auto (or another tuner), connect a second PL-259 Patch cable from the LA-1K's Antenna 1 jack, to the tuner's RF Input. The output of the tuner used is then connected to your antenna.



Part B Operation:

1) When all connections are completed, you may switch all equipment on. The amplifier should be in **STANDBY** mode as indicated on the TFT display.

2) Set up your selected tuner for a proper SWR reading. HF-Auto tuners require first transmitting at low power (10W to 40W) a steady carrier on each frequency, so you can adjust and store settings.
NOTE: Amplifier is still in STANDBY MODE.

3) Set Transmitter power (CW or RTTY) to drive the LA-1K with approximately 30 Watts carrier power.

4) Activate the amplifier in **OPERATE** mode from the TFT display. Key the transmitter and adjust transmitter power to achieve desired output power up to 1000 Watts. (Unkey Transmitter).

Do not use a drive level from your transceiver that is greater than 50W to 60W.

5) Switch transceiver to desired mode and operate. Remember that **DRIVE POWER** setting may be different on each band.

Refer to your owners manual for more detailed operating instructions

| RATING/MODE | | AMP OUTPUT(WATTS) | |
|-------------|--------|-------------------|----------|
| | DRIVE | AVG | PEAK |
| CW | 40 | 1000 | 1000 |
| SSB | 40 pep | 400 approx. | 1000 pep |
| RTTY | 40 | 1000 | 1000 |
| JT65 | 40 | 1000 | 1000 |

On SSB you must use a true peak reading wattmeter for DRIVE Level Indication, e.g. Palstar PM2000A, PM2000AM, ARRAY SOLUTIONS models, TELEPOST, Inc., LP100, etc.