

NEW!

HAMMARLUND HXL-1

linear amplifier

PEAK POWER PERFORMANCE...

to provide the hefty signal you have always wanted.

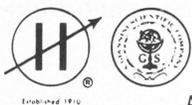
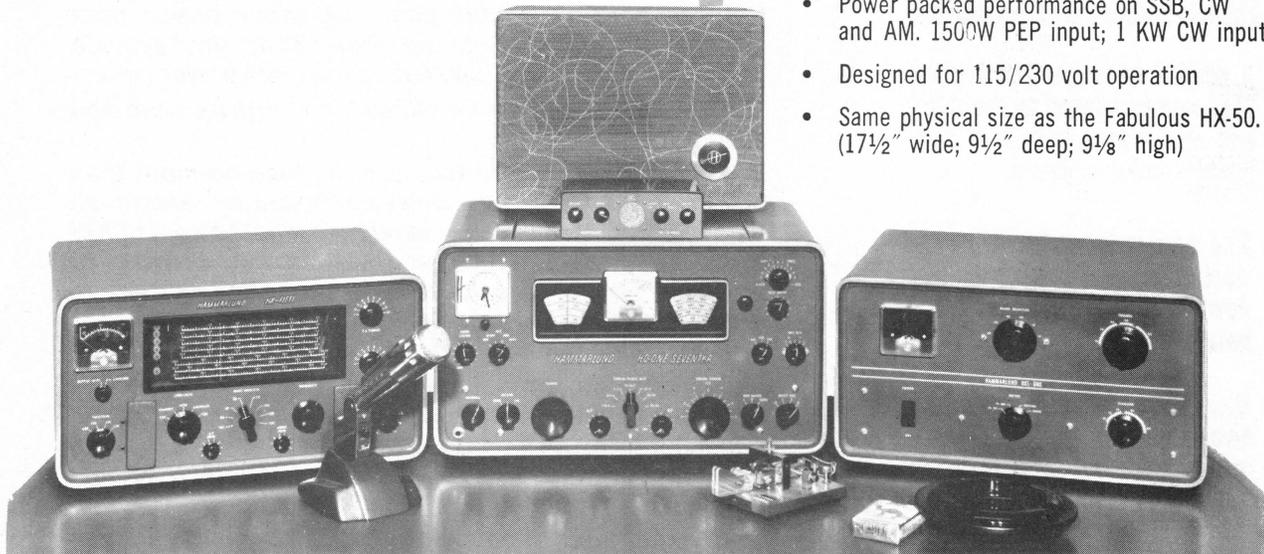


1500 WATT P.E.P. INPUT

Ruggedly built to give a lifetime of service, the Hammarlund HXL-1 sets all new standards of performance in SSB, CW and AM. Here is a simply designed linear amplifier providing the kind of transmitter power you want. An unobtrusive addition to any station, the HXL-1 packs a DX wallop that will amaze every contact — near or far.

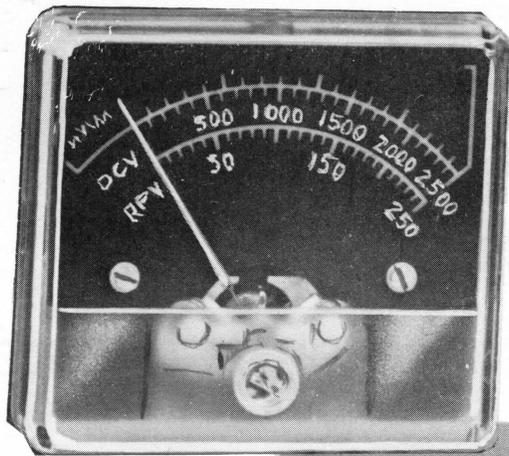
FEATURES

- Complete coverage — 80 to 10 meters
- Broad Banded Input Circuit
- 3 Element adjustable Pi-network output
- Built-in multi-purpose meter including linearity test
- Control circuitry compatible with most transmitters and transceivers (i.e. "S" line and KWM1, KWM2, etc.)
- Efficient Ground-grid circuit using 2 high dissipation triodes (United 572A)
- Husky, self-contained solid state power supply with silicon rectifiers
- Switch provided for "exciter only" or amplifier operation. No external relays required.
- Power packed performance on SSB, CW and AM. 1500W PEP input; 1 KW CW input.
- Designed for 115/230 volt operation
- Same physical size as the Fabulous HX-50. (17½" wide; 9½" deep; 9⅛" high)

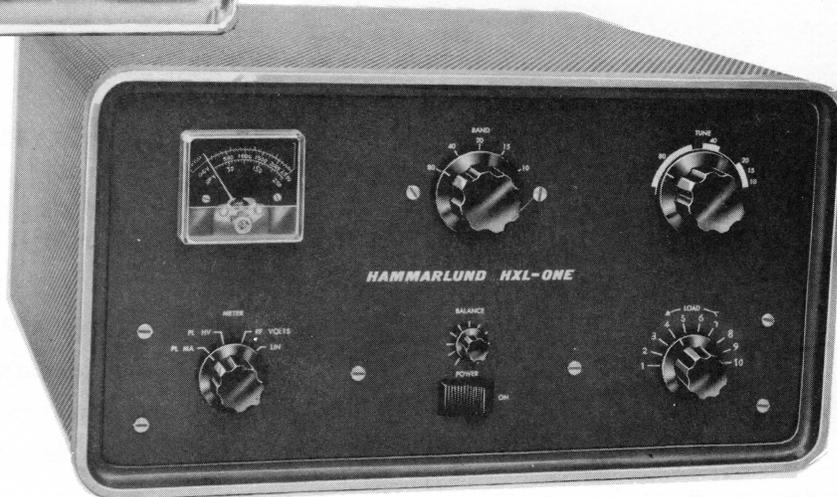


HAMMARLUND Manufacturing Company

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metered...



TECHNICAL CONSIDERATIONS

- ★ The input circuit utilizes a "tapped" bifilar coil that follows the bandswitching so that a constant impedance of 50 ohms is presented to the exciter.
- ★ A portion of the output is sampled and compared to the input and the meter tells if a non-linear condition exists.
- ★ The power transformer runs cool after maintaining a "key-down" condition for over a half hour.
- ★ Only connection required between exciter and amplifier is a coax cable. All relay switching built into amplifier.
- ★ Amplifier operation or "bare-foot" at the flick of the built-in switch.

... to guarantee the power you pay for.

FCC Regulations State:

"An amateur transmitter operating with a power input exceeding 900 watts to the plate circuit shall provide means of accurately measuring the plate power input."

Think now. How many so-called 1 KW linears have you seen *without meters*?

In every case, these linears can produce no more than 900 watts DC-On power. Don't be misled by "Maximum Legal Power" terminology. *Maximum legal power is 1 KW input*—but the manufacturer must provide a meter to measure both the plate voltage and plate current in order to deliver it.

The Hammarlund HXL-1 meets these specifications—and in addition, the control circuitry is designed for virtually all existing transceivers and exciters. A perfect match for the Fabulous '50 transmitter, the husky, built-in power supply imposes no warning restrictions or critical time limits on holding down the key.

If you want the last ounce of legal CW power and accurate measurement of SSB power in a husky, built-to-last rig, there's no other choice than the outstanding Hammarlund HXL-1.