

TOKYO HY-POWER

Two of the **LIGHTEST** and **MOST COMPACT** Amplifiers in the Industry!



NEW!

**600W OUT,
Weighing
only
22.5lbs.**

HL-1.1KFX Lightweight HF Linear

This world-class compact HF amplifier has built-in switching mode power supply to save the weight. It is compatible with wide AC line of 100 to 250V, and is best suited for DX-peditioners.

Features

- The amplifier allows operation in full break-in CW mode due to the use of the amplifier's high speed antenna relays.
- The amp utilizes a sophisticated circuit to run the various high speed protection circuits such as overdrive, high antenna SWR, DC overvoltage, band mis-set etc.
- An analog multimeter allows the operator to monitor Pf (Forward output power), Pr (Reflected power), Vd (Drain voltage of power FET), Id (Drain current) etc.

Specifications

Frequency:
1.8 ~ 28MHz all amateur bands including WARC bands

Mode:
SSB, CW, RTTY

RF Drive:
75 ~ 90W

Output Power:
SSB 600W PEP max.
CW 600W.

RTTY 500W (5 minutes)

Final Transistor:
SD 2933 x 4

(MOS FET by ST micro)

Circuit:
Class AB parallel push-pull

Cooling Method:

Forced Air Cooling

Multi-Meter:

Output Pf 1kW, Reflected Power 100W, Drain Voltage Vd 60V, Drain Current Id 50A

Input/Output Connectors:
Type M-J (UHF SO-239)

AC Power:
1.4kVA max. when TX
AC 100 ~ 250V (Auto Select)

Dimensions:
9.1 x 5.6 x 14.3 inches
(WxHxD)

Weight:
Approx. 22.5 lbs.

**Outstanding for
Field Works and
DX-peditions!**



**Available Now
with 12m & 10m
Built-In**

HL-2.5KFX HF Linear Amplifier

NEWEST and MOST POWERFUL Full Legal Limit!

The HL-2.5KFX is the lightest and most compact self-contained 1.5kW output HF LINEAR amplifier in its class. The amplifier's decoder changes bands automatically with most modern ICOM, Kenwood, and Yaesu HF transceivers. It also has a built-in AC power supply – selectable for 220/230/240/250 VAC input, 3kVA max, and a multifunctional LCD display for instant readout of operating parameters. The HL-2.5KFX is equipped with a control cable connection socket for the HC-1.5KAT, automatic antenna tuner by Tokyo Hy-Power Labs for seamless auto tuning operation.

Specifications

SOLID STATE

Freq. Band:
1.8-28 MHz all HF amateur bands

Operation Mode:
SSB, CW, RTTY

Exciting Power (RF Drive):
100W max. (85W, typical)

Output Power (RF Out):
1.5kW min. SSB/CW
(1.2kW on 28MHz)
1kW RTTY (5 minutes key down)

Auto Band Set:
With most modern ICOM, Kenwood,
Yaesu HF Transceivers

Antenna Tuner:

Compatible with external
Tokyo Hy-Power HC-1.5KAT

RF Power Transistors:
ARF 1500 by Microsemi x 2

Antenna Relay:
QSK (Full break-in compatible)

Power Supply:
Built-in 220/230/240/250VAC,
3kVA max.

Dimension and Weight:
12.8 x 5.7 x 15.9 inches
(WxHxD),
Approx. 57.3lbs.

More Fine Products from TOKYO HY-POWER



HC-1.5KAT
HF 1.5KW
Auto Tuner



HL-350VDX
VHF 330W
Amplifier



HC-200AT
HF/6m 200W
Auto Tuner
Lightning Tuning Speed

TOKYO HY-POWER

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