

# ELECRAFT® KPA500 Amplifier

Solid-State • 160 - 6 Meters • 500 W



## 500+ Watts in a package the size of the K3.

We are proud to introduce the KPA500: a 500-watt solid-state amp that's so well integrated, you'll think its reading your mind. The KPA500 features 160-6 m coverage, instant RF based band switching with any radio, alphanumeric status display, bright LED bar graphs, and a rugged, built-in linear supply. The amp's manual band switches can also be used to change bands on the K3. Also the K3 can even select per-band amplifier drive levels automatically when the amp is placed into operate mode, so you'll rarely need to adjust power output. But the KPA500 is not just limited to use with the K3 – It is fully compatible with most radios.

## Factory Assembled or No-Soldering Kit

Order the KPA500 either factory assembled and tested, or as a modular, no-soldering kit. All modules are pre-assembled and 100% tested, ensuring identical performance whether you purchase your KPA500 factory assembled or build it yourself — saving money in the process.

As you build, you'll learn the electronics theory behind the amplifier: how each module works and how it fits into the big picture.

## Get the Latest Features Directly from the Internet

Upgrading software in the KPA500, like our K3 and P3, takes just *one* click, thanks to our convenient KPA500 Downloader PC application. The program automatically checks our server and lets you know when new versions are available. Downloads are done at high speed (38.4 kb) via the built-in RS232 port. (USB adapter available.)

## KPA500 Features:

- 500W solid state FET amplifier for 160-6 m
- Instant-on operation
- Rugged, conservative design with intelligent fault detection
- Intelligently reduces power by 2.5 dB temporarily when presented with input overdrive or a high SWR, allowing you to reduce your drive to compensate without dropping the amplifier off-line. Excessive overdrive or SWR events immediately place the amp safely into stand-by.
- Internal low noise linear power supply
- Works with any radio that supplies PTT to Ground & RF
- Ultra high speed QSK. Silent, diode switched T/R
- 100-120, 200-240 VAC, 50/60 Hz operation
- Fully remote controllable
- Super fast RF sensing band selection. Only PTT and RF required for fully automatic band changing operation.
- Advanced integration with the K3 using the optional KPAK3AUX cable. KPA500 band buttons drive the K3 band and drive level, band data is sent from K3 to KPA500 before TX, PTT included in cable, k3 senses KPA500 op/stby state.

## Legendary Customer Support

Elecraft is committed to customer satisfaction (just ask our customers!). In addition to phone and email support, we provide manuals, answers to frequently asked questions (FAQs), and free application programs on our web site. You'll also have access to our very active email discussion list, where you can pose any technical question — no matter how simple or in-depth.



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