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## New KX2 Features

With its latest production firmware (rev. 2.89), the KX2 has become a truly all-mode radio...one that packs an amazing punch for its size. *Be sure to check out the new KX2 shack-in-a-box special offer on our [order page](#).*

### ***Max Power Output now 12 Watts***

With a supply voltage of 13 V DC or higher, the KX2 can now produce a full 12 Watts on 80 through 20 meters. At this power level - with a little patience and a band opening - anyone can work the world. This extra boost can also help when conditions are poor, perhaps helping another station copy your QRP signal through the noise. (Note that the KX2 will automatically limit power output to 10 Watts with an indicated key-down supply voltage of less than 13 V.)

### ***FM Mode***

FM mode allows you to use the KX2 with 10-meter repeaters and even for FM simplex DXing. The KX2 will also work with external VHF/UHF transverters. For details on transverter band display setup, refer to the owner's manual.

Here's how to set up for FM use:

- FM mode can be enabled or disabled using **MENU:FM MODE**
- To adjust squelch, tap **FIL**, then rotate the **AF GAIN** knob
- To select a repeater offset (+/-/SIMPLEX), hold **SPLIT** one or more times
- Set up repeater splits per-band/per-memory using **MENU:RPT OFS**
- Adjust FM deviation using **MENU:FM DEV**
- To adjust PL tone deviation, use **MENU:FM DEV**, tapping '1' (PRE) to switch to **PL DEV**
- To select PL tone pitch, use **MENU:FM TONE**. Tap '1' to turn PL tone on/off.

**Note:** Currently, EU 1750 Hz tone burst is not supported.



## Firmware Releases

We've added new firmware features to several other products in recent releases. They can be found listed [here](#). Some recent examples:

- KX3 (production revision 2.90)
- KX2 (production revision 2.89)
- K3/K3S (beta revision 5.62)

### ***New to Elecraft Products?***

#### ***Here's what new firmware can do for you***

One of the great benefits of Software Defined Radios (SDR) is the ability to deliver new operating features and facilities without requiring the radio return to the factory.

When Elecraft releases new features via firmware, it is always accompanied by Firmware Release Notes. Release notes will contain the details of what the feature does and how it is to be enabled and used.

You can always find the release notes by using the *Utility* for that product (e.g., KX2 Utility, K3 Utility, etc.). Just go to the HELP pull-down menu in the *Utility* and select Release Notes. They'll pop up in a new window. You can go back as far as you'd like to explore features that have been added since the product was introduced. In practice, Firmware Release Notes become an extension to the Owner's Manual.

## KPA1500 News

As mentioned in the last update, we made changes to the power supply fans that dramatically reduced their sound level (by about 15 dB). Then, last week, we applied the same technique to the RF deck, with excellent results. In a brick-on-key test, the fans cycled between speeds 2 and 3. Previously it had been speeds 4 and 5. We feel that the associated changes, which required ordering some different components, are well worth the trouble.

Related comments from Wayne, N6KR: "Seriously, you guys are going to love this amp. I'm a QRP guy at heart, but even I must admit that hitting the key at 1500 W is a bit of a rush, especially on an amp that keys silently, like our smaller radios. And thanks to the latest changes, hunt-and-pounce ops, like me, will almost never hear the RF deck fans turn on."

We will contact everyone who ordered a KPA1500 to reconfirm orders and shipping addresses prior to shipping. Learn more about [KPA1500 here](#).



**During the Holiday Season, more than ever,  
our thoughts turn gratefully to all of you who  
have made our progress possible.**

**And in this spirit we say, simply but sincerely,**

**Thank you.**

**From The Elecraft Family to you and yours,**

**Best wishes for a joyous holiday season and a  
Happy New Year!**



# December Specials

Too Many to List!

See Specials Here

## Our Most Popular K3S Configurations Packaged to Fit Your Operating Style!



\*Free UPS Ground shipping with the Continental U.S. for December Specials. Discounts not retroactive for orders placed prior to receiving the offer. Not valid in combination with any other discounts. Offer ends December 31, 2017. Subject to change.

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