

# KX Line: KX2 / KX3

## TRANSCEIVERS AND ACCESSORIES

**NEW!**



### New KX2

- SSB / CW / Data / AM
- Up to 10 Watts
- 80-10 m
- Li-Ion battery option



### KX3

- SSB / CW / Data / AM / FM
- Up to 15 Watts
- 160-6 m
- 2 or 4 m option
- Matching panadapter

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**KX2**

# The New KX2: An 80-10 Meter SSB/CW/Data/AM Station That Fits In Your Pocket!



## Quick Specs

- 5.8" x 2.8" x 1.5"
- Ultralight grab-and-go station
- 80-10 meters (9 bands)
- SSB / CW / Data / AM
- Up to 10 W TX
- Li-ion battery option
- Amp-hour meter
- Built-in mic and 0.5-W speaker
- Wide-range Internal ATU
- Perfect for SOTA and field ops

Our KX2 "stealth" transceiver can go wherever your imagination takes you. It's only 5.8 x 2.8 x 1.5" and weighs just 13 ounces, yet it puts out up to 10 watts, covers 9 bands, and shares many features with the KX3. It also works with the KXPA100 amp.

To maximize your freedom to roam, you can outfit your KX2 with an internal 2.6 amp-hour Li-ion battery. Current drain is as little as 135 mA, yielding up to 8 hours of typical operation on a single battery charge. There's also an internal automatic antenna tuner module (KXAT2), which can tune a random wire, dipole, or whip on multiple bands.

A rear tilt-foot angles the KX2 for use on any surface, from desktop to park bench to rock. The KX2 also makes a great mobile rig, and can even be used hand-held. It includes a built-in mic and speaker for HT-style operation, and will also work with any headset/mic having two 3.5 mm plugs.

The KX2's powerful 32-bit DSP offers dual watch, stereo audio, user-programmable filter bandwidths, noise blanking, noise reduction, and auto-notch. RTTY and PSK data modes are built in—no PC needed—as well as a memory keyer and digital voice recorder for transmit.



*Finally...a full-featured, 10-W, 9-band radio the size of an HT! (Whip antenna not included)*

## KX-Line Accessories: Maximize Versatility and Performance of Your KX2 or KX3

### KXPA100 100-W Amplifier / KXAT100 ATU

When the going gets tough, the KXPA100 can boost any low-power transceiver's signal to 100 W (80 W on 6 m). With its large convection-cooled heatsink, fast diode T/R switching and automatic band switching, the KXPA100 is a silent, rugged workhorse, suitable for both home and mobile installations. An internal wide-range, 100-W ATU module is also available (KXAT100), providing multi-band coverage with wire antennas, verticals, etc.

The KXPA100 is fully integrated with the KX2 and KX3 when used with the available adapter cable. The amp is automatically turned on whenever you set the radio's PWR control above 10 watts.



### KX2 Padded Carry Cases

There are two padded carrying case options for the KX2, including the CS40 and larger CS60.

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**KX3**

# The KX3: Our Popular Competition-Grade Transceiver Is Ideal For Home And Travel!



## Quick Specs

- 7.4" x 3.5" x 1.7"
- Compact, high performance
- Matching PX3 full-color panadapter
- 160-6 meters + 2 or 4 m option
- SSB, CW, AM, FM, Data
- Up to 15 W TX
- Weighted, free-spinning VFO knob
- 8-AA battery holder
- 1-W speaker
- Wide-range Internal ATU

Since we first introduced the KX3, it has become the compact, 160-6 m all-mode transceiver of choice for thousands of hams, both at home and in the field. Its versatility has been demonstrated at countless Field Day, DXpedition, and SOTA (Summits On The Air) operations.

At 7.4 x 3.5 x 1.7", the KX3 is small enough to toss into a briefcase or small pack. But it feels like a much larger rig, with all controls optimized for convenient use. There's a large, easy-to-read, backlit LCD; a high-quality optical encoder for VFO A, with a weighted knob; and carefully thought-out switch functions. A fast, efficient, 32-bit DSP provides a wide range of operating features, including dual watch.

The transceiver's unique receiver architecture is a synthesis of true software-defined-radio (SDR) technology and precision

analog roofing filters (KXFL3 option). The result is one of the top-performing radios in the world—yet one that draws an average of only 180 mA on receive. It's a no-compromises solution for off-the-grid stations running from solar or wind power.

You can tailor the rig to your own requirements, choosing from several available options (see back page).

Among these is the KX3-2M or 4M module, providing VHF all-mode operation at up to 3 watts.

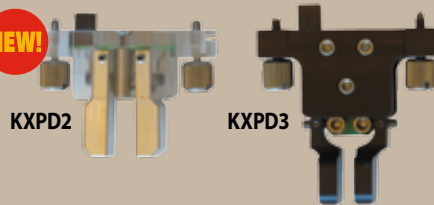
The KX3 is fully integrated with the KXPA100 100-W amp and PX3 high-performance panadapter. Having three individual units provides unmatched flexibility, allowing you to take just what you need for a given event or field outing.



## PX3 High-Performance Panadapter for the KX3

Our PX3 panadapter allows you to "see" the current band, in real time, with spans of 2 to 200 kHz. Weak signals leave traces in the waterfall display, allowing you to find them without laborious manual VFO tuning; just tap to QSY both the PX3 and KX3 to any desired signal. The PX3 has many powerful signal processing features, as well as multi-line CW/data text send/receive that works great with an attached USB keyboard.

**NEW!**



## Keyer Paddles

Our KXPD2 and KXPD3 CW keyer paddles attach securely to the transceiver. Either can be used with the KX2 or KX3.

The KXPD3 has elegant, sculpted paddles wrapped in a precision aluminum housing. The new KXPD2 is lighter and more compact, with a built-in allen wrench storage slot for easy field adjustment..



## MH3 Microphone

The MH3 has a high-output electret mic element that provides excellent voice quality. It includes UP/DN buttons for eyes-free VFO tuning. Works with both the KX2 and KX3

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## KX2 / KX3 Features Comparison Chart

Feature	KX2	KX3
<b>Bands</b>	9 (80-10 m) + 160 m/SWL RX	11 (160-6 m) + SWL RX
<b>VHF option</b>	N/A	2 m or 4 m; (KX3 - 2M or 4M)
<b>Modes</b>	CW, SSB, PSK31/63, RTTY, AF data, AM	CW, SSB, PSK31/63, RTTY, AF data, AM, FM
<b>Size (less projections)</b>	25 cu. in. (1.5x2.8x5.8")	45 cu. in. (1.8x3.5x7.4")
<b>Weight (less options and battery)</b>	13 oz.	24 oz.
<b>Max power output</b>	Up to 10 W	Up to 15 W
<b>DSP Filtering</b>	50-4000 Hz, + passband shift	50-4000 Hz, + passband shift
<b>Roofing filter option</b>	N/A	1.0 kHz CW /3.0 kHz SSB (KXFL3)
<b>Controls</b>	12 switches, 4 knobs	20 switches, 5 knobs; 1 optical encoder with weighted knob
<b>Display</b>	Transflective LCD w/backlight	Transflective LCD w/backlight
<b>Internal speaker</b>	0.5 W peak	1 W peak
<b>Mic</b>	MH3 or built-in mic	MH3
<b>Internal ATU option</b>	7L/7C network (KXAT2)	8L/8C network (KXAT3)
<b>Keyer paddle options</b>	External, KXPD2, or KXPD3	External, KXPD2, or KXPD3
<b>Battery and charger</b>	Internal 11 V Li-ion battery option (KXBT2) and external charger (KXBC2)	8 x AA socket included; optional internal NiMH charger (KXBC3)
<b>RX I/Q Outputs for PX3/PC</b>	N/A	Built-in
<b>Real-time clock (RTC)</b>	Supplied with KXIO2 option	Supplied with KXBC3 option
<b>100-W Amp interface</b>	Requires KX2ACBL cable option	Built-in
<b>Additional hardware features</b>	Mini-banana jack for quick-disconnect ground wire; built-in mic for emergency and hand-held use; 2 general-purpose open-drain outputs (on KXIO2 option)	Matching PX3 panadapter, ultra low-noise synthesizer, 10/20/30 dB preamp per-band, local oscillator isolation amp, PTT/TX-inhibit input, dedicated filter control, VFO reverse, remote power-on via mic jack, high-efficiency QRP TX mode
<b>Firmware features – KX2 and KX3</b>	32-bit DSP/SDR architecture with dual watch, stereo audio, dual VFOs, split, RIT, scanning, direct freq. entry, CW and data text encode/ decode, DSP NR/NB/auto-notch, 100+ freq. memories, CW/data messages, voice messages (DVR), auto power-off timer, RX/TX EQ, XVTR band displays	
<b>Additional firmware features</b>	Amp-hours display for battery monitoring/testing	2 programmable switches with macro capability, wake-up alarm, manual notch filter, ESSB, 1-tap message play, remote control of other radios, pitch-map audio effect, repeater controls

