

Elecraft® KXPD2 Precision Keyer Paddle

Revision D, August 2, 2022

E740295

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The KXPD2 paddle is designed for use with the KX2 transceiver. It mounts directly on the KX2 to provide smooth, stable and compact operation anywhere with the KX2 sitting flat, or with its tilt foot deployed, or when used HT-style (hand-held). The KXPD2 paddle can also be used on a KX3 transceiver.

⚠ PADDLE HOUSING COLOR may be black (matching the KX2's enclosure) or the original clear version, shown below, which is being phased out. Keyer performance is identical in either case.

⚠ CAUTION! A KXPD3 paddle may be used on a KX2 transceiver but it requires modification. The KXPD3 has one long thumb screw and one shorter thumb screw. Both screws must be short to mount it on the KX2. You can obtain the additional short thumb screw from Elecraft. Order E700245.



PIVOT SCREW ALLEN WRENCH
0.035" (E980199)



CONTACT ADJUSTMENT
ALLEN WRENCH, 0.05"
(E980008)

Mounting the Paddle

The KXPD2 comes fully assembled as shown above. Included is an envelope containing two Allen wrenches. A mounting location is provided where you can carry the contact adjustment wrench safely with the paddle, so it is handy at any time. Remove the 0.05" contact adjustment wrench (larger wrench of the two) from the envelope and mount it on the bottom side of the paddle as shown below.

Mount the paddle on the side of the KX2 just below the VFO A knob. The thumb screws fit into threaded openings in the KX2 case and the four-pin connector completes the electrical connections.

Configuring the Paddle

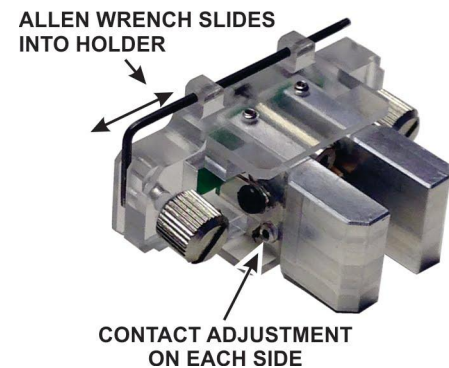
The paddle can be set up for right or left hand keying. See *Option Module Enables* in the KX2 Owner's Manual.

Contact Adjustment

The contact spacing of each finger piece can be adjusted individually. The contact screws in the KXPD2 are designed to allow precision alignment without vibrating loose. To ensure this, a special anti-vibration compound is utilized on the the set screw threads.

⚠ You can adjust the contacts any number of times but DO NOT completely remove the screws as this may reduce the effectiveness of the anti-vibration compound.

Each paddle arm has its own adjustment screw.



Mechanical Details

It is very unlikely you'll ever need to disassemble your KXPD2 paddle, but should the need arise the components are shown below. Elecraft part numbers are included in case a part needs replacement. A 0.035" Allen wrench is provided for removing the pivot screws. You will need a small Phillips screwdriver to remove the other screws.

⚠ CAUTION: Take care to avoid breaking the fine wires that connect the finger pieces to the pc board.

