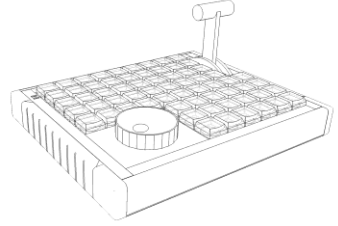# XKE-64 Jog T-bar USB Controller
Product Manual

- ☒ Model XK-1669-UXG64-R
- ☒ 64 Keys + Jog & Shuttle + T-bar Fader
- ☒ Individual Key Backlighting
- ☒ Designed, Sold, and Supported in USA

Box Contents

This package contains:
1- X-keys XKE-64 Jog T-bar
1- Double key set (2 tall, 1 wide, 1 key puller)
2- Angled feet
4- Legend Sheets (two pre-printed, two blank)
1- Product Manual

Software Development Kits

P.I. Engineering offers a free Software Development Kit with code samples in C#, C++ and .NET. We also offer an SDK for Linux and Android application samples. Please visit the Developers section on our website: xkeys.com/PISupport/Developer.php.

Mac Users

Install ControllerMate for X-keys from the X-keys Mac page in the Software section of our website (free download). ControllerMate for X-keys is published by OrderedBytes in partnership with P.I. Engineering. For full programming instructions and support, please visit www.orderedbytes.com/controllermate/xkeys/.

Support

Should you encounter difficulty with the installation or programming, please check the SDK or ControllerMate help files or check the troubleshooting guide on our web site. You may also contact technical support.

USA: tech@xkeys.com | Phone: 1-517-655-5523

Identifying the Keys

Select appropriate icons or use the blank legend sheet to create your own key legends. The keycaps snap off with a fingernail or small screwdriver. Apply the label under the keycap, and replace it. The key caps hold a legend 0.575" wide and 0.5" high (14.6mm x 12.7mm). Other options are available for printing legends for multiple units. Contact our Sales Department (sales@xkeys.com) for more information.

Tall and Wide Double-keys

The included double-keys replace two single keys on the X-keys. To install a double key cap, remove two adjacent keys with the provided key-puller. Press the double-key in place over the two exposed switch stems. See more information in the SDK help files regarding special handling of large keys.

Key Blockers

Replace any key or group of keys with optional key blockers by simply removing the key caps and snapping a blocker over the exposed stem. We recommend removing the key plunger when installing blockers.

Light Pipe Key Blockers

A special key blocker with a light pipe is available to convert X-keys backlighting LEDs into indicators. Blockers with single and double light pipes allow the user to configure a red or blue indicator or one of each. The key plunger must be removed before installing a light pipe blocker.

Backlighting

All keys on the XKE-124 have two backlighting colors (red and blue). Both the SDK and ControllerMate enable individual manipulation of the LEDs. The SDK also grants ability to adjust the intensity of each bank.

Compatible Accessories

Please visit the Accessories page on our website for details on the following.

- X-keys USB Extender – up to 150 feet via CAT 5 cable
- Tall and wide keycaps
- Colored and transparent key caps
- Blank key blockers
- Light pipe key blockers
- Acrylic printed keys

Other Products from P.I. Engineering

- ☒ X-keys XK-24/XK-60/XK-80 – 24, 60 or 80 programmable keys
- ☒ X-keys XKE-128 – 128 programmable keys
- ☒ X-keys XKE-124 T-bar – 124 keys with embedded T-bar fader
- ☒ X-keys XKE-40 – 40 programmable keys with optional rack mount
- ☒ X-keys XK-12 Joystick – 12 keys with a precision joystick
- ☒ X-keys XK-12 Jog & Shuttle – 12 keys with jog & shuttle
- ☒ X-keys XK-3 Foot Pedal – three programmable pedals
- ☒ X-keys XK-4 Stick – four programmable keys
- ☒ X-keys XK-8 Stick – eight programmable keys
- ☒ X-keys XK-16 Stick – sixteen programmable keys
- ☒ X-keys XK-68 Joystick - 68 keys with a precision joystick
- ☒ X-keys XK-68 Jog & Shuttle – 68 keys with jog & shuttle
- ☒ X-keys USB 12 Switch Interface – 12 switch ports
- ☒ X-keys USB 3 Switch Interface – 3 switch ports
- ☒ X-keys Encoder Board – 128 switch points

FCC Declaration of Conformity

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CE Declaration of Conformity

We, P.I. Engineering, Inc., declare that the X-keys is in conformance with:
- **EMC Directive 2014/30/EU, tested in accordance with EN 55032:2012 and 55024:2010/A1:2015**
- **Certificate of compliance on file at P.I. Engineering, 101 Innovation Pkwy, Williamston, MI 48895**

Contact Us

Direktronik AB tel. 08-52 400 700 www.direktronik.se