

KP-4000 keypad



Robust Reliable Kitchen Hardware Solutions

Maximum reliability and flexibility for successful kitchen management.



Solid, Extruded Aluminum

Water and Grease Resistant

Industry Standard PS/2

Easy to Change Overlays

20 Configurable Keys Proven for 30 Million Pushes

Designed for Maximum Reliability in the Harshest Kitchens

After more than a decade of designing the most dependable, robust kitchen solutions to answer the needs of the demanding hospitality industry, QSR Automations® is today widely recognized as the leader in kitchen automation technology, producing results for operators worldwide. Continuously enhancing our products and services to offer the latest in innovation, QSR is pleased to release the newest enhancement to our bump bar technology with the KP-4000™ keypad.

Part of QSR's ConnectSmart® Hospitality Automation Solution, the KP-4000 keypad builds on the engineering excellence first introduced by QSR a decade ago along with a number of innovative enhancements made over the years. Durable and application independent, the KP-4000 capitalizes on our philosophies of providing open, flexible, and reliable solutions designed specifically for hospitality operators.

When used in conjunction with QSR's kitchen software and hardware, including the ePic® video controllers and eXpert® hospitality controller, hospitality businesses can profitably automate their kitchen management processes to enhance quality, control costs, and meet productivity goals.

Flexible and Solid

Successfully in use with QSR's kitchen solutions as well as third party kitchen systems, the KP-4000 continues to take advantage of the robust design that has been proven in thousands of installations with our KP-3000™ keypad. Offering the same conformal coated circuit board, extruded and sealed twenty-key design, purpose-built overlay sleeve, and footprint of the KP-3000, the KP-4000 provides a new key technology with a proven thirty million pushes.

With its sealed, extruded aluminum enclosure, the KP-4000 is water and grease resistant. To add another layer of defense against the elements found in harsh kitchen environments, QSR also seals the inside of the keypad during the assembly process. Additionally, a special channel is built into the bottom of the extrusion to draw water away from the electronics.

The durable KP-4000 offers a standard PS/2 connection, and can be mounted on a tabletop or wall. Operators have the choice of configuring up to twenty keys, and customizable overlays can be easily slid into place without the use of tools to further ensure the KP-4000's flexibility and solid construction.



In addition to the conformal coated circuit board and sealed aluminum extrusion protecting the KP-4000 from the hot, moist, and greasy kitchen environment, the new key technology offered with the KP-4000 provides keys rated at a proven thirty million pushes. All of this adds up to an unmatched three-year hardware limited warranty that comes standard with the KP-4000.

The KP-4000's sophisticated key technology also offers an enhanced tactile feel with better response. In order for most bump bars in the industry, which use a dome switch key technology, to function properly and maintain their published rating of three million pushes, these bump bars require near perfect pushes in the center of the key with a flat instrument (i.e. a finger). Highly resilient and consistently functioning with less than perfect pushes, the KP-4000 offers extremely durable keys that are easier to push. These keys not only offer a push rating of at least six times more than the best metal dome switches, but also offer the user an immediate response as well as a "click" feel, which serves to verify the push and eliminate extra pushes.

Satisfy Specific Business Needs

With its high reliability, flexibility, and easy-to-change overlays, the KP-4000 is a fit for all hospitality concepts.

Built specifically for the demanding hospitality environment, the KP-4000 can be easily and cost-effectively implemented in the working areas of the kitchen, and as far away from the control unit as desired. Using a standard PS/2 connection, QSR offers cables up to one hundred feet long. There are no additional cables to install, as the KP-4000 is powered by the video controller, or personal computer if used with third party applications. And at just twenty-four ounces and measuring 1.25 x 8.25 x 2.75 inches (H x W x D), the KP-4000 is extremely compact as well as easy to install. To further ease implementation, QSR offers several bracketing options.

The KP-4000 is completely customizable via software – there are no switches or jumper settings. Operators can choose to configure all twenty keys or just some of the keys. Using QSR's kitchen management software, each KP-4000 can be configured for more than sixty different options. For example, users can control a single kitchen station view from one or more keypads, or control multiple kitchen station views from a single keypad. Additionally, a single push of a key may generate multiple user-defined functions.

The KP-4000's purpose-built design includes a sleeve that stretches tightly across the top of the enclosure, which preserves the overlay while ensuring the solid construction of the keypad. Overlays are easily slid under the sleeve without the use of tools or any disassembly of the keypad. With the ability to easily create and change overlays, operators have the freedom to use a different keypad configuration at each kitchen station, as well as modify the configuration as business needs change.



With configurable keys and customizable overlays, the KP-4000 offers optimum flexibility. The KP-4000 also offers an on-board Sonalert annunciator, providing a beep that is easily heard over kitchen noise to alert staff to new items or orders.

Best when used with QSR's kitchen software and hardware, operators may also choose to use the KP-4000 with third party kitchen systems. Working similar to an industry standard keyboard, the application independent KP-4000 keypad can be used with any third party kitchen software along with a device that supports a PS/2 connection. This industry standard PS/2 connection also provides for ease of maintenance, eliminating the requirement for proprietary or custom connections to be supported in the field.