keetronics®
(India) Pvt. Ltd.
कीट्रॉनिक्स् (इंडिया) प्रा. लि.

TRULY
भारत MADE
में IN
निर्मित BHARAT

USER PROGRAMMABLE COMPUTER KEYBOARDS



Product image is for reference only. Actual product may vary.*

Programmable PC Keyboard with Trackball

Industrial-Grade Sealed Keyboard

A rugged, sealed industrial keyboard that replaces any standard PC keyboard — with up to 144 fully programmable keys, an integrated trackball, and metal-dome switches built for a million strokes.

- ✓ **Sealed Against Dust & Liquids**
- ✓ **PS/2 · DIN · RS232**
- ✓ **Made in India**

Key Highlights

144 Keys	**1M** Cycles	**IP65** Sealing	**4** Configurations

−18 to +70° Operating Temp

Note: Our products are designed to meet applicable test requirements; final compliance depends on integration and validation within the complete system.

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Engineered for Demanding Environments

Up to 144 Keys

A fully programmable key matrix lets you assign any standard PC keyboard code and build the exact layout your application needs.

Integrated Trackball

An on-board trackball gives precise cursor control without a separate mouse — ideal for confined panels and consoles.

Sealed & IP-Rated

The sealed front surface resists liquids, dust and contaminants, with optional IP55 / IP65 protection for tough duty.

Metal-Dome Tactile Feel

Crisp metal-dome switches give satisfying tactile feedback and a proven life of one million operations per key.

Custom Legends

Relegendable key pockets and custom legends let you brand the interface or adapt it for any operator workflow.

Plug-and-Replace

Drops in for a standard travel-type keyboard on any make of PC, with PS/2, 3-pin DIN and RS232 interface options.

Built Your Way

The Keetronics keyboard encoder connects any combination of up to 144 keys to any make of PC. Configure it once, then drop it straight in for a standard travel-type keyboard.

- ✓ **Assign any standard PC keyboard code at the user end**
- ✓ **Four standard key configurations, with or without trackball**
- ✓ **Custom, user-friendly legends for your application**
- ✓ **LED indicators for Power, Num, Scroll and Caps Lock**

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MAKE IN INDIA
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Technical Specifications

Performance	
Maximum Keys	144 (matrix)
Switch Life	1 Million ops
Activation Force	280–350 g
Contact Bounce	10 ms
Contact Resistance	2 Ohms

Environmental	
Operating Temp.	−18 to +70°C
Humidity	95% RH @ 40°C
Vibration	10–150–10 Hz
Front Protection	IP55 / IP65
Shielding (opt.)	EMI / RFI mesh

Electrical	
Operating Voltage	24 VDC max
Operating Current	90 mA max
Interfaces	PS/2 · DIN · RS232
Indicators	Pwr / Num / Scr / Caps
Feedback	Metal dome

Physical & Build	
With Enclosure	460 × 175 mm
Without Enclosure	410 × 135 mm
Dimensional Tol.	±0.2 mm
Warranty	1 Year
Origin	Made in India

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Connects to Anything, Tells You Everything

PS/2 — **Legacy PS/2 Interface**
Direct replacement for standard PS/2 keyboards on industrial PCs.

DIN — **3-Pin DIN**
Robust connector option for older control systems and panels.

RS232 — **Serial RS232**
Reliable serial link for embedded and long-cable installations.

LED — **Status Indicators**
Power On, Num Lock, Scroll Lock and Caps Lock at a glance.

Optional Features

- **EMI / RFI Shielding**
  Aluminum foil or conductive mesh layer.
- **UV Hard-Coated Windows**
  Scratch- and UV-resistant display windows.
- **Relegendable Pockets**
  Insert custom legends without a rebuild.
- **Embossing Shapes**
  Round, triangular or square key embossing.
- **Phosphorescent Lighting**
  Glow-in-the-dark key visibility.
- **Audio Key Feedback**
  Audible confirmation on key press (extra cost).

Applications

Factory Automation | Notebook PC Integration | Point of Sale (POS) | Toll Collection | Portable Devices | Medical Equipment