

# POWERKEY ULTIMATE

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## PKU Keypad Standard Features:

- Supply voltage 12-24v
- Relegendable buttons
- Multicolor indicator rings
- Vertical or horizontal mount
- Improved thermal dissipation
- Increased output drive from 20mA to 100mA
- Full color LED indicators including pure white
- Standard and custom legends (no mins, no set up fees)
- Added overload feedback on output drives to detect short circuit or over current events
- Significant power reductions, PKU2400 consumes with all LED's active 250mA@12v
- Simplified CAN messaging using our CANconnect software to control multiple LED's within single message
- Brighter LED's
- LED backlit icons
- Sealed IP68
- CRM + Designer

## PKU Keypad Improved Features with the Designer Firmware:

- Improved thermal dissipation
- 256 step brightness control for each color
- New LED visual effects (blink, pulse, spin ripple)
- On / Off, momentary, toggle, scroll / step functions programmable for each key
- Added overload feedback on output drives to detect short circuit or over current events
- Autonomous operation (key press causes LED to change state without feedback from external device)
- NMEA2000 bus compliant (support ISO requests, address claim, binary status 127501 and binary control 127502 messages)

## PKU Keypad Protocols & Accessories:

- RS485
- CANopen
- J1939
- NMEA2000
- Free Software Utility
- Accesories Catalog
- Connector options include:  
Deutsch, Molex and more



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