

8-Button Programmable IP Wall Plate Keypad with PoE





TCP/IP Macro Control for AV Systems — 128 Commands, Relay Output, WebGUI & Telnet Programming

MPN: WP-IPKEYPAD8



The KanexPro WP-IPKEYPAD8 is a programmable 8-button IP control keypad that fits a standard US single-gang wall plate and requires no dedicated control processor. Each of the 8 backlit buttons can trigger a fully customized macro, sending TCP/IP commands to any Ethernet-connected AV device on the network — projectors, matrix switchers, displays, relay-controlled screens, and more. With up to 128 total commands storable across all macros (up to 16 per macro) and an additional 8 software-only extension macros accessible via WebGUI, the WP-IPKEYPAD8 delivers enterprise-grade macro control at a fraction of the cost of a full control system.

Powered over Ethernet (PoE 48V PD) or via the included 5V/2.6A DC adapter, the keypad installs cleanly without a dedicated power run. The integrated clock and calendar-based scheduling engine enables time-triggered and recurring macro execution — ideal for automated display power-on/off, screen raise/lower via relay, and room mode switching on a daily or weekly schedule. Dual-color LEDs (red and blue) per button provide visual state feedback with individually adjustable brightness. Programming is handled entirely through the built-in WebGUI, Telnet, or the physical buttons — no proprietary software license required.

 128 Commands 16 per macro max	 PoE Powered 48V PD, no adapter needed	 Relay Output DC 0–24V / 5A	 Scheduler 32 recurring events	 No Processor Standalone TCP/IP control
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KEY FEATURES

- US single-gang wall plate design with adjustable LED brightness
- 8 physical macro buttons — each configurable to execute multiple commands via WebGUI
- Up to 128 total commands storable across all macros (up to 16 commands per macro)
- 8 additional software-only extension macros accessible via WebGUI or Telnet
- Relay output (DC 0–24V / 5A) — open, close, or toggle for screen and device control
- Time and date macro scheduling — up to 32 recurring + 8 one-time events
- 48-hour battery backup for internal clock — protects scheduled events against power loss
- Toggle mode — alternate between two macro sets on successive button presses
- Repeat mode — macro repeats continuously while button is held
- PoE powered (48V PD) — no power adapter needed with a PoE switch
- DC 5V/2.6A adapter included (CE/FCC/UL certified)
- Control via WebGUI, Telnet, or physical buttons — no proprietary software license required
- DHCP or static IP configurable; default IP 192.168.1.50
- Dual-color LEDs (red + blue) per button with individually adjustable brightness (0–100%)
- Button sticker label sheets included for custom labeling

SPECIFICATIONS

Input Ports	8× Backlit Buttons, 1× IP Control (RJ45)
Output Port	1× Relay (2-pin Terminal Block, DC 0–24V / 5A)
Config Port	1× Mini USB (behind wall plate)
Power — PoE	48V PD (requires PoE PSE switch/hub)
Power — DC	5V/2.6A DC adapter included (CE/FCC/UL)
Power Consumption	3.3W
Control Protocols	TCP/IP, Telnet, WebGUI
Macro Capacity	16 physical + 8 extension (WebGUI only)