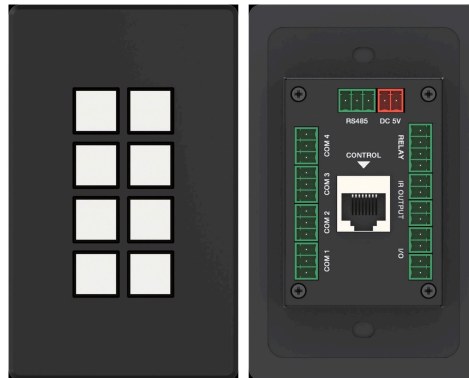


8-Button Programmable Wall Keypad with RS232, IR, Relay & PoE

Linux-Based AV Control Panel with 4× RS232, RS485 & Magnetic Panel — US 1-Gang, No Processor Required

MPN: CR-KEY8U



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators deploying room control in single-gang wall openings — conference rooms, classrooms, huddle spaces, and hospitality environments.

THE CHALLENGE

Single-gang keypads on the market either lack I/O density (Key Digital, Atlona) requiring expensive external controllers, or lack network connectivity (J-Tech, Black Box).

THE KANEXPRO ADVANTAGE

Only single-gang 8-button keypad with 4× RS232, RS485, 2× IR, 2× Relay, 2× I/O, and PoE running embedded Linux — standalone, no processor required.

2 PRODUCT POSITIONING

The KanexPro CR-KEY8U is the compact single-gang AV control keypad for integrators who need multi-protocol room automation (RS232, RS485, IR, Relay, TCP/IP) from a standard US 1-Gang wall plate — without the cost, complexity, or licensing of a full control processor.

3 SALES ANALYSIS

CHANNEL FIT

Integrator reps (primary), distribution, online resellers. Pair with KanexPro matrices, switchers, and audio for room bundles.

DEAL SIZE & SALES CYCLE

\$200–\$2,000 per room. Campus: \$5K–\$20K. Cycle: 2–6 weeks (single), 4–12 weeks (campus).

COMMON OBJECTIONS

“We use Crestron” — counter with TCO. “Only 1-gang?” — same I/O as 2-gang CR-KEY10R minus the knob.

WIN / LOSS THEMES

Wins on I/O density, compact form, standalone operation, PoE. Loses on brand recognition vs. Crestron, no knob/volume control.

TOP USE CASES TO CLOSE

- 1 Huddle room one-touch presets — immediate ROI vs. Crestron processor + keypad
- 2 Classroom AV source switching with labeled buttons — teacher-friendly
- 3 Multi-room campus rollouts with exported EASYAccomplish configs — 10–50 units per site

4 APPLICATIONS



Huddle Room

8 buttons handle source selection, display power, and volume — perfect for small meeting spaces with a single-gang opening.



Classroom AV

Teachers select inputs and control projector/screen via labeled buttons — no IT support needed. Compact 1-gang fits beside light switches.



Conference Room

One-touch presets for projectors, screens, lights, and routing via RS232, relay, and IR simultaneously from a flush-mount wall plate.



Retail / Hospitality

Staff trigger display content, lighting scenes, and background audio presets with clearly labeled buttons — no training required.



Boardroom Presets

Recall room presets via TCP/IP to matrix switchers and DSP processors. 8 buttons cover presentation, video call, all-off, and custom modes.



Multi-Room Campus

Deploy identical keypads across 10–50 rooms with exported EASYAccomplish configurations. Network-addressable via static IP.

5 WHO THIS IS FOR

AV Integrators

System Designers

IT Managers

Corporate AV

Education

Hospitality

Ideal User

AV Integration Engineer at a mid-size firm. Specifies equipment for commercial projects. Values compact form factor and I/O flexibility.

Project Types

Corporate AV, Education, Hospitality, Government, Healthcare.

Typical Buyer

Project Engineer or AV Consultant. Final approval from IT Director or Facilities Manager.

6 KANEXPRO PRODUCT COMPARISON

CR-KEY8U is the compact single-gang counterpart to the CR-KEY10R. It shares the same I/O and Linux platform:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
CR-KEY10R	2-Gang rooms needing knob	10 buttons + knob, same I/O	CR-KEY8U is the compact 1-gang version without knob
MMX-8X8AUD	Signal routing	8×8 HDMI matrix	CR-KEY8U provides wall-mount buttons to control the matrix
SW-4X2PS-70M	Presentation switching	4×2 switch	CR-KEY8U adds one-touch wall access to switch presets

★ Bundle CR-KEY8U with any KanexPro matrix or switcher for a complete single-gang room control solution.

7 FREQUENTLY ASKED QUESTIONS

Q: How does this compare to the CR-KEY10R?

Same I/O (4× RS232, RS485, 2× IR, 2× Relay, 2× I/O, PoE) but US 1-Gang with 8 buttons, no knob. Choose for single-gang retrofits.

Q: Does it replace a Crestron keypad?

For simple room control, yes — standalone with no processor required.

Q: How is it programmed?

EASYAccomplish (Windows, Mac, iOS). Web GUI for network settings at 192.168.0.101.

Q: What wall box?

US 1-Gang standard. Magnetic aluminum front panel (black/white) is field-swappable.

Q: Is it available in EU/UK?

The platform supports EU 2-Gang and UK/CN 86 box variants. Contact sales for regional availability.

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