

6" AV Touch Panel with Rotary Knob, RS-232/RS-485 & PoE

Wall-mount room controller with physical dial, 1440×720 landscape display, and dual Host/Terminal modes

MPN: CR-TOUCH6R



PRODUCT OVERVIEW

Some controls just work better with a physical dial — adjusting volume mid-presentation, dimming lights to set a mood, or fine-tuning audio levels in a live environment. The KanexPro CR-TOUCH6R pairs a 6" landscape touchscreen with a precision rotary knob, giving users both a rich visual interface and the tactile feedback that on-screen sliders can't match. Dual serial ports — RS-232 and RS-485 — control legacy AV devices and bus-connected systems like lighting and HVAC from the same panel. 100M Ethernet with PoE means one cable handles power, data, and control.

Built on the same Android 11.0 platform as the CR-TOUCH4A, the CR-TOUCH6R runs on a quad-core ARM Cortex-A55 with 4GB RAM and 32GB storage. The 1440×720 landscape display provides twice the horizontal resolution of the 4" model — enough screen real estate for multi-zone room layouts, status dashboards, and scene-based control pages. In Host mode, it operates as a standalone room controller. In Terminal mode, it pairs with a CR-HOST6S or CR-HOST8R for complex multi-device installations. The panel fits a standard 86mm wall box in a plastic housing, and the rotary knob is programmable for any analog function — volume, brightness, temperature, curtain position, or custom parameters.

1 PRODUCT OVERVIEW

WHO THIS IS FOR

Integrators deploying premium conference rooms, hospitality suites, and live production spaces where tactile control matters.

PROBLEM IT SOLVES

On-screen sliders are imprecise for volume and dimming. No competing 6" panel offers a physical rotary knob + RS-232 + RS-485 at mid-market pricing.

WHAT MAKES IT DIFFERENT

6" landscape 1440×720 + rotary knob + RS-232 + RS-485 + 10/100M PoE + Android 11 + optional Wi-Fi/BT/mic/speakers/sensors. Plastic housing. 206mm × 86mm × 52mm, 321g.

2 POSITIONING

The premium touch panel — 6" landscape + rotary knob + dual serial. The only wall panel with a physical dial at this price point.

3 SALES ANALYSIS

CHANNEL FIT

Premium panel upgrade from CR-TOUCH4A. For rooms needing analog dial control + dual serial.

DEAL SIZE

1 per room. Premium tier. Often the showcase product in the space.

OBJECTIONS

"Only 100M?" — more than enough for control traffic. "Plastic housing?" — clean design, grey panel. "No RS-422?" — RS-232+RS-485 covers 99% of AV and building systems.

WIN THEMES

Rotary knob, landscape 6" display, dual serial, optional sensors, Android 11, PoE.

- 1 Executive boardroom: 6" panel by the door. Touch for source/scene selection. Knob for volume. RS-232 for projector. RS-485 for lighting bus.
- 2 Hotel suite: premium panel controls TV, lights, curtains, HVAC. Knob for dimming. Optional temp sensor reads room conditions.

4 ECOSYSTEM FIT

MODEL	TYPE	BEST FOR
CR-HOST6S	Controller	6 serial, dual GigE, PoE
CR-HOST8R	Controller	8×8×8 I/O, 1U rack, AC
CR-EXPAND1	Expander	Single remote drop, PoE
CR-EXPAND4	Expander	4-port satellite, daisy-chain
CR-TOUCH4A	Panel	4" aluminum, GigE, dual mode
CR-TOUCH6R	Panel	6" landscape, knob, dual serial
CR-KEY8U/E	Keypad	8 buttons, max I/O
CR-KEY10R	Keypad	10 buttons, Android, knob

5 FAQ

vs CR-TOUCH4A?

6R: larger display (1440×720), rotary knob, RS-485, optional sensors. 4A: compact 86mm square, Gigabit, aluminum frame.

Wi-Fi built in?

Optional. Also optional: BT, 4× mic array, speakers, light/distance sensor, temp/humidity.

Knob programmable?

Yes — volume, brightness, temperature, curtain position, or custom via IDE.

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