

4" Capacitive Touchscreen AV Control Panel with PoE & Android 11

Programmable Wall-Mount Room Controller with RS232, Gigabit Ethernet & Dual-Mode Operation — 86 Box Install

MPN: CR-TOUCH4A



The KanexPro CR-TOUCH4A is a 4-inch capacitive touchscreen control panel running Android 11, designed to replace traditional button keypads and expensive proprietary touch controllers in conference rooms, classrooms, and smart office environments. Powered by an ARM Cortex-A55 processor with 4GB DDR4 RAM and 32GB eMMC storage, it delivers a fully customizable graphical interface for AV device control via TCP/IP, HTTP, UDP, WebSocket, and RS232 — all from a standard 86 wall box.

The CR-TOUCH4A operates in dual mode: as a standalone touch screen central controller or as a user terminal connected to a host system. Its 720×720 high-resolution display provides intuitive touch-based room control for source switching, volume adjustment, lighting scenes, and display power. Gigabit Ethernet with PoE support enables single-cable installation, while the built-in RS232 port handles legacy serial device control. Programming is handled through EASYAccomplish software available for Windows, Mac, and iOS, with web GUI access for network configuration.

 4" Touch 720×720 Capacitive	 Android 11 4GB RAM 32GB Storage	 GigE+PoE Gigabit Ethernet	 RS232 Serial Control	 Dual Mode Controller or Terminal
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KEY FEATURES

- 4-inch 720×720 capacitive touchscreen with customizable graphical interface
- Android 11 on ARM Cortex-A55 (1.8GHz) with 4GB DDR4 RAM and 32GB eMMC storage
- Dual-mode operation: standalone touch screen central controller or host-connected user terminal
- 1-channel RS232 serial port (3-pin phoenix) with configurable baud rate (2400–115200 bps)
- Gigabit Ethernet (10/100/1000M) with PoE support — single-cable installation
- TCP/IP, HTTP, UDP, and WebSocket network protocols for IP-based device control
- Password-protected host system management web page access
- Standard 86 box wall-mount design with aluminum alloy frame (Apple Gray)
- Programmable via EASYAccomplish (Windows, Mac, iOS) with web GUI for network settings

SPECIFICATIONS

CPU / OS	ARM Cortex-A55 1.8GHz • Android 11 • 4GB DDR4 / 32GB eMMC
Display	4" 720×720 (1:1) capacitive touchscreen
Dual Mode	Central controller or user terminal
RS232	1× 3-pin phoenix • bidirectional • 2400–115200 bps
LAN / PoE	1× 10/100/1000M RJ45 • TCP/IP, HTTP, UDP, WebSocket • PoE
Power	24V DC/1A or PoE • 5W
Debug	1× Micro USB
Enclosure	Touch screen (front) • Aluminum alloy frame (Apple Gray) • Plastic rear (White)
Dimensions / Weight	3.39" × 3.39" × 1.73" (86 × 86 × 44mm) • 0.42 lbs (192g)
Installation	Standard 86 box (UK/CN) wall mount. For US installations, a surface-mount 86 box adapter or retrofit plate would be needed since US standard gang boxes have different screw spacing.
Environment	32–104°F • 20–80% RH • ESD: ±8kV air / ±4kV contact

PACKAGE CONTENTS

1× Programmable Touch Panel • 1× 3-pin 3.81mm Phoenix (male) • 1× 24V/1A Power Supply (2-pin phoenix) • 1× Wall Mounting Bracket • 2× Bracket Fixing Screws • 1× User Manual

