

## 6" Widescreen Touch Panel with Knob, RS232/RS485 & PoE

Android 11 Programmable AV Controller with 1440x720 Display, Dual Serial & Optional Wi-Fi/Bluetooth — 86 Box

MPN: CR-TOUCH6R



The KanexPro CR-TOUCH6R is a 6-inch widescreen capacitive touch panel with integrated programmable knob, running Android 11 for advanced AV room control. Powered by a quad-core ARM Cortex-A55 at 1.8GHz with 4GB DDR4 RAM and 32GB eMMC, it combines a 1440x720 customizable graphical interface with a physical knob for tactile volume and dimming control — bridging the gap between touch panels and button keypads.

The CR-TOUCH6R features both RS232 and RS485 serial ports, 100Mbps Ethernet with PoE, and optional Wi-Fi/Bluetooth, 4-array microphone, stereo speakers, light/distance sensor, and temperature/humidity sensor. It mounts in a standard 86 wall box and operates as a standalone central controller or host-connected user terminal. Programming is handled through EASYAccomplish software for Windows, Mac, and iOS.

 <p><b>6" Wide</b> 1440x720 Capacitive</p>	 <p><b>Knob</b> Programmable Tactile</p>	 <p><b>RS232+485</b> Dual Serial Control</p>	 <p><b>Android 11</b> 4GB RAM 32GB</p>	 <p><b>PoE</b> Single-Cable Install</p>
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### KEY FEATURES

- 6-inch 1440x720 widescreen capacitive touchscreen with customizable graphical interface
- Programmable knob for tactile volume, dimming, or level control
- Android 11 on quad-core ARM Cortex-A55 (1.8GHz) with 4GB DDR4 RAM and 32GB eMMC
- 1x RS232 and 1x RS485 serial ports with configurable baud rates (2400–115200 bps)
- 100Mbps Ethernet with PoE — TCP/IP, HTTP, UDP, and WebSocket protocols
- Optional Wi-Fi (2.4G+5G) / Bluetooth 5.4, 4-array microphone, stereo speakers
- Optional light/distance sensor and temperature/humidity sensor
- Standard 86 box wall-mount; dual-mode: standalone controller or user terminal
- Programmable via EASYAccomplish (Windows, Mac, iOS) with web GUI for network settings

### SPECIFICATIONS

<b>CPU / OS</b>	Quad-core ARM Cortex-A55 1.8GHz • Android 11 • 4GB DDR4 / 32GB eMMC
<b>Display</b>	6" 1440x720 (2:1) widescreen capacitive touchscreen
<b>Knob</b>	1x programmable knob
<b>RS232 / RS485</b>	1x RS232 + 1x RS485, 3-pin phoenix, 2400–115200 bps
<b>LAN / PoE</b>	1x 10/100M RJ45 • TCP/IP, HTTP, UDP, WebSocket • PoE
<b>Optional</b>	Wi-Fi (2.4G+5G) / BT 5.4 • 4-array mic • Stereo speakers • Light/distance sensor • Temp/humidity sensor
<b>Power</b>	24V DC/1A or PoE • 10W
<b>Enclosure</b>	Plastic housing • Grey front / Black rear
<b>Dimensions</b>	8.11" × 3.39" × 2.05" (206 × 86 × 52mm) • 0.71 lbs (321g)
<b>Installation</b>	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.
<b>Environment</b>	32–104°F • 20–80% RH • ESD: ±8kV air / ±4kV contact

### PACKAGE CONTENTS

1x Touch Panel • 2x 3-pin 3.81mm Phoenix (male) • 1x 2-pin 3.81mm Phoenix (male) • 1x Wall Bracket (pre-installed) • 2x Bracket Screws • 1x User Manual

