



KX7 7 inch In-Wall Touchpanel

The extraordinary KX7 is packed full of features for complete control of entertainment, environment and security systems in any residential or commercial installation. The wall-mounted touchpanel has a slim profile, framing a vivid 7" LCD that can be custom tailored for intuitive control, while the multi-touch capacitive touchscreen allows screen swiping for page navigation. The built-in RS-232 and infrared communication allow for direct control of electronics without a control processor. In addition, video inputs make it possible to view analog video at up to 576p, while an Ethernet connection enables even more functionality, such as viewing IP security cameras, surfing the web and advanced two-way control. The integrated camera, microphone and speakers enable the convenience of intercom support directly on the KX7.*

Additional Bezel Options



Black Bezel

Brushed Aluminum Bezel



Key Features

- Beautiful 7" 800x480 WVGA LCD with integrated multi-touch capacitive touch screen that allows screen swiping for page navigation.
- Composite, S-Video or Component video inputs allow viewing analog video at 480i/576i/480p/576p resolution.
- Integrated 10/100 Base-T (with PoE) and 802.11 wireless Ethernet.
- Built-in high output IR port for direct control of devices.
- Built-in RS-232 port for one-way control without a separate control processor.
- Built-in camera, microphone and speakers enable intercom capability (future support)*.
- Powered using power supply, CB8 connecting block or PoE (Power over Ethernet).
- Optional modules/processors provide additional control capabilities including two-way communication via RS-232/IP, sensing, IR and relay control.
- USB and Ethernet Programming.
- Stylish low-profile faceplate available in white, black or brushed aluminum (ships with white).
- Integrated mounting wings for easy retrofit installations (metal back box also available separately).

Call 952-253-3100

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Specifications

Power.....	+9VDC to +16VDC, 1A max
Power Management.....	Adjustable backlight brightness/proximity sensor
Touchscreen Display.....	High-brightness color TFT LCD
.....	WVGA (800x480 pixels) with 65K colors
.....	Integrated high-resolution projected capacitive touchscreen
Display Size.....	7.0 in (177mm) diagonal
Display Backlight.....	LED Backlit, 310nit
Infrared Output.....	Through control port, 200mA output
.....	Drives up to 1000 ft (300 m) of wire
Serial Port.....	RJ-45, RS-232 communication (one-way)
Ethernet Port.....	RJ-45, 10/100 Base-T with Power-over-Ethernet
Wireless Ethernet.....	802.11b/g
Camera.....	Color CMOS VGA (640x480)
Microphone.....	Silicon MEMS
Speakers.....	Two (2), Stereo 2 Watt, 8 Ohm
Communications.....	USB programming port
Video Input.....	Three, BNC Connectors
.....	Composite, S-Video or Component Analog Video
.....	NTSC/PAL/SECAM
Total System Memory.....	128M Bytes Flash (non-volatile) memory
Device Capability.....	Total number of devices is limited only by memory
Macro Capability.....	Unlimited steps in a single macro
.....	Total number of macros is limited only by memory
.....	Macro capability on every button
Operating Temperature.....	+32°F to +122°F (0°C to +50°C)
Operating Humidity.....	5% to 95% Non-condensing
Enclosure.....	High-impact molded ABS plastic
Front Plate.....	High-impact molded ABS plastic
Mounting.....	Integrated mounting wings, or screws through front plate
Installation Cut-Out (W x H).....	7.7 in (195mm) x 5.6 in (143mm)
Outer Bezel Dimension (W x H).....	8.5 in (217mm) x 5.9 in (151mm)
Total Depth in Wall.....	1.4 in (36mm), with video connector 2.1 in(53mm)
Weight.....	1.4 lbs (634g)
Warranty.....	One Year (Parts & Labor)

*Intercom support will be added in a future firmware update.

All Specifications subject to change without notice.



Accessories

XP-3	Advanced Control Processor
XP-6	Advanced Control Processor
XP-8s	Advanced Control Processor
CB-8	Touchpanel Connecting Block
CM-232	RS-232 Communication Module
CPB-1	Control Port Connecting Block
ECB-5	IR Connecting Block
ESC-2	Ethernet Serial Converter
IPE-4	IR Port Expander
PCM-4	Port Control Module
RCM-4	Ethernet Relay Module
vIRsa Mouse	IR Emitter



Other RTI Products

Virtual Panel	PC Software Interface (App)
RTiPanel	Mobile Software Interface (App)
SURFiR	Companion Remote Control
T1-B+	Remote Control
T2-Cs+	Remote Control
T2i	Remote Control
T2x	Remote Control
T3x	Remote Control
T3-V+	Remote Control
RK1+	2-4-8 Button In-Wall Keypad
RKM-1+	In-Wall Audio Distribution Keypad
KX2	2.8 inch In-Wall Touchpanel Keypad
RK3-V	3.5 inch In-Wall Touchpanel Keypad
CX7	Countertop/Under-Cabinet Touchpanel
RP-4	RF Control Processor
AD-4x	Distributed Audio System
AD-8x	Distributed Audio System
RTiDock	Dock for Apple iPod®
CP-450	4 Channel Amplifier
CP-1650	16 Channel Amplifier



Integration Designer® Programming Software

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