



KX3

3.5" Inch In-Wall Touchpanel Keypad

The KX3 is not just a pretty interface - it is a unique hybrid device that combines the capabilities of an in-wall touchpanel and an advanced control processor. The result is an enhanced automation solution that delivers control simplicity and tremendous power in one cost-effective unit. Featuring a 3.5" high-resolution color touchscreen, two-way feedback and intercom capabilities, the KX3 performs beautifully in residential settings. The innovative touchpanel also shines in commercial applications such as classrooms and conference rooms where the built-in control processor and room status LED's offer additional flexibility. With a sleek, refined design and amazing feature set "under the hood", users will never know how much power is at their fingertips.

Key Features

- Vivid 3.5" WVGA (480x800) color LCD touchscreen, five hard buttons and room status LED's provide an incredibly simple and intuitive control experience.
- Built-in control processor features advanced capabilities including support for two-way drivers, RTiPanel App and primary/secondary configurations.
- Control processor also enables direct control of devices via IR, IP and two RS-232, six voltage sense ports with sense-event capabilities, four relays for control via contact closure and an astronomical clock for time-based events.
- Built-in 2.4GHz ZigBee® RF transceiver module and antenna enables wireless remote control support.
- Integrated 10/100 Base-T (with PoE) and 802.11 wireless Ethernet for programming, control, two-way communication and viewing video from network security cameras.
- Built-in camera, microphone and speakers provide video intercom capability.
- Proximity sensor wakes up the unit as a user approaches and an ambient light sensor adjusts the touchpanel's backlighting.
- Powered using power supply, CB8 connecting block or PoE (Power over Ethernet).
- Stylish low-profile faceplate available in white, black or brushed aluminum (ships with white).

Additional Bezel Options



Black Bezel

Brushed Aluminum Bezel



Specifications

Power.....	+9VDC to +16VDC, 1A max
Power Management.....	Adjustable backlight brightness/proximity sensor
Touchscreen Display.....	High-brightness color TFT LCD
.....	WVGA (480x800 pixels) with 16.7M colors
.....	Integrated high-resolution touchscreen
Display Size.....	3.5 in (89mm) diagonal
Display Backlight.....	LED Backlit, 310nit
Backlights.....	Blue LED (Keypad), Red/Green LED (Room Status)
Infrared Output.....	One, through control port, 200mA output
.....	Drives up to 1000 ft (300 m) of wire
Serial Port.....	Two, RJ-45, RS-232 communication
Ethernet Port.....	RJ-45, 10/100 Base-T with Power-over-Ethernet
Wireless Networking.....	WiFi 802.11b/g/n & Zigbee® IEEE802.15.4
Relays.....	Four, 3 Amps @ 30 VDC
Sense Inputs.....	Six, 3-24VDC
Radio Frequency Control Range.....	Up to 100 feet (30.5 meters)
.....	Communication with optional wireless Interfaces
Radio Frequency Carrier.....	802.15.4 @ 2.4GHz - Zigbee® Wireless Networking
Camera.....	Color CMOS VGA (640x480)
Microphone.....	Silicon MEMS
Speaker.....	One (1) 2 Watt, 8 Ohm
Communications.....	USB programming port
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).....	2.942in (74.7mm) x 5.192in (131.8mm)
Outer Bezel Dimension (W x H).....	4.352in (110.5mm) x 5.876in (149.25mm)
Total Depth in Wall.....	1.265in (32.1mm), with mounting wings 1.624in(41.2mm)
.....	NOTE: Additional room may be necessary depending on connections used
Weight.....	8.9oz (252g)
Warranty.....	Three Years (Parts & Labor)

All Specifications subject to change without notice.



The KX2 hard buttons (12) may be custom laser etched using the RTI Laser Shark service.

RTI User Interfaces

RTIPanel	Mobile & PC Software Interface (App)
SURFiR	Companion Remote Control
T1-B+	Remote Control
T2i	Remote Control
T2x	Remote Control
T3x	Remote Control
RKM-1+	In-Wall Audio Distribution Keypad
RK1+	2-4-8 Button In-Wall Keypad
KX1	1.2" Audio Distribution Keypad
KX2	2.8" In-Wall Touchpanel Keypad
KX3	3.5" In-Wall Touchpanel Keypad
KX7	7" In-Wall Touchpanel
KX10	10" In-Wall Touchpanel
CX7	7" Countertop/Under-Cabinet Touchpanel
CX10	10" Countertop/Under-Cabinet Touchpanel

RTI Control Accessories

RP-4	RF Control Processor
XP-3	Advanced Control Processor
XP-6	Advanced Control Processor
XP-8v	Advanced Control Processor
RM433	433MHz RF Antenna
ZM24	2.4GHz Zigbee Transceiver
ZW-9	Z-Wave® Interface Module
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 to Serial Converter
IPE-4	IR Port Expander
PCM-4	Port Control Module
RCM-4	Relay Control Module
vIRsa Mouse	IR Emitter

RTI Audio/Video Distribution

AD-4x	4x4 Audio Distribution System
AD-8x	8x8 Audio Distribution System
AD-16x	16x16 Audio Distribution Matrix Switch
CP-450	4 Channel Cool Power® Amplifier
CP-1650	16 Channel Cool Power® Amplifier
VHD-4	4x4 HDBT Video Matix Switch
VHD-8	8x8 HDBT Video Matix Switch
VHT-1	HDBT Video Transmitter
VHR-1	HDBT Video Receiver



It's Under Control®

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