KX3

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 and two-way feedback, 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 capabilites 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 access to network security cameras, programming updates and more.

- 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

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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 (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 communcation
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.

Laser Shark® Compatible

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

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RTI User Interfaces

Remote Controls	In-Wall Touchpanels
Keypads	Tabletop Touchpanels
Audio Control Keypads	Mobile Apps

RTI Control Accessories

Control Processors	IR Modules
System Kits	Relay Modules
RS-232 Modules	Z-Wave Modules

RTI Audio/Video Distribution

HDMI Splitters & Switchers	HDBaseT Extenders
HDMI Matrix Switchers	Presentation Switchers
HDBaseT Matrix Switchers	Video over IP Transceivers

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